Open Source Used In Data Center Network Manager 11.5(1)

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1.3 bcpg-jdk15on 1.61

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* /opt/ws_local/PERMITS_SQL/1068290279_1594347253.59/0/spring-aop-5-2-2-release-sources-1-jar/org/springframework/aop/framework/ProxyFactory.java

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1.15 glib 2.56.1-7.el7

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>>> Maven Model Builder (org.apache.maven:maven-model-builder)
>>> Maven Repository Metadata Model (org.apache.maven:maven-repository-metadata)
>>> Maven Settings (org.apache.maven:maven-settings)
>>> Maven Settings Builder (org.apache.maven:maven-settings-builder)
>>> Plexus :: Component Annotations (org.codehaus.plexus:plexus-component-annotations)
>>> Plexus Common Utilities (org.codehaus.plexus:plexus-utils)
>>> Plexus Component API (org.codehaus.plexus:plexus-component-api)
>>> Plexus Interpolation API (org.codehaus.plexus:plexus-interpolation)

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>>> Aether Connector Basic (org.eclipse.aether:aether-connector-basic)
>>> Aether Implementation (org.eclipse.aether:aether-impl)
>>> Aether SPI (org.eclipse.aether:aether-spi)
>>> Aether Transport File (org.eclipse.aether:aether-transport-file)
>>> Aether Transport HTTP (org.eclipse.aether:aether-transport-http)
>>> Aether Utilities (org.eclipse.aether:aether-util)

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The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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Date: Tue, 11 Jul 2000 19:31:34 +0100

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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

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* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/WrappedUnsafeDirectByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/PooledDuplicatedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4.1.39-final-sources-1-
jar/io/netty/buffer/PooledSlicedByteBuf.java

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* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/HeapByteBufUtil.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/UnpooledSlicedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PooledUnsafeHeapByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PoolChunkMetric.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PoolSubpageMetric.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PoolArenaMetric.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PoolChunkListMetric.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/UnsafeByteBufUtil.java

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* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/AbstractDerivedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/ReadOnlyByteBufferBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/DefaultByteBufHolder.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/AbstractReferenceCounts ByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/ByteBufProcessor.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/FixedCompositeByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/WrappedByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/UnreleasableByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/EmptyByteBuf.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/ByteBufHolder.java
* /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-
  jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java

1.33 jboss-logging 3.4.1.Final

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1.34 wstx-asl 3.2.6

1.35 libmodman 2.0.1-8.el7

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* /opt/cola/permits/1110676114_1606842998.21/0/spring-beans-5-1-6-release-sources-jar/org/springframework/beans/factory/support/BeanNameGenerator.java
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  jar/org/springframework/beans/MethodInvocationException.java
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  jar/org/springframework/beans/AbstractNestablePropertyAccessor.java
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VERSION: 2.1 PoliMorf
BUILD: 2016-02-13 19:37:50+01:00
GIT: 6e63b53

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When upgrading Lucene-Java Jars, remember to generate new Analysis factories for any new Tokenizers or TokenFilters. See the wiki for details...

http://wiki.apache.org/solr/CommitterInfo
noggit

https://github.com/yonik/noggit
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David Megginson, david@megginson.com
2000-05-05
Janino - An embedded Java[TM] compiler

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The initial code for shuffling an array (originally in class "org.apache.commons.math3.random.RandomDataGenerator", now replaced by a method in class "org.apache.commons.math3.util.MathArrays") was inspired from the algorithm description provided in "Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999). The textbook (containing a proof that the shuffle is uniformly random) is available here:
http://citeseerx.ist.psu.edu/viewdoc/download;?doi=10.1.1.173.1898&rep=rep1&type=pdf

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DOM4J library (dom4j-1.6.1.jar)

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JUnit test library (junit-3.8.1.jar)

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Woodstox is an XML-parser that allows parsing of XML documents in so-called pull mode (aka "pull parsing").
It specifically implements StAX 1.0 API:


which defines what is closest to being the J2x(E) standard for XML pull parsers.

Woodstox was originally written by Tatu Saloranta (<tatu.saloranta@iki.fi>).

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The primary ANTLR guy:

Terence Parr
partr@cs.usfca.edu
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//
You might want to interpret some document fields in more than one way. Solr has a mechanism for making copies of fields so that you can apply several distinct field types to a single piece of incoming information.

The name of the field you want to copy is the _source_, and the name of the copy is the _destination_. In `schema.xml`, it's very simple to make copies of fields:

[source,xml]
----
<copyField source="cat" dest="text" maxChars="30000" />
----

In this example, we want Solr to copy the `cat` field to a field named `text`. Fields are copied before analysis is done, meaning you can have two fields with identical original content, but which use different analysis chains and are stored in the index differently.

In the example above, if the `text` destination field has data of its own in the input documents, the contents of the `cat` field will be added as additional values just as if all of the values had originally been specified by the client. Remember to configure your fields as `multivalued="true"` if they will ultimately get multiple values (either from a multivalued source or from multiple `copyField` directives).

A common usage for this functionality is to create a single "search" field that will serve as the default query field when users or clients do not specify a field to query. For example, `title`, `author`, `keywords`, and `body` may all be fields that should be searched by default, with copy field rules for each field to copy to a `catchall` field (for example, it could be named anything). Later you can set a rule in `solrconfig.xml` to search the `catchall` field by default. One caveat to this is your index will grow when using copy fields. However, whether this becomes problematic for you and the final size will depend on the number of fields being copied, the number of destination fields being copied to, the analysis in use, and the available disk space.

The `maxChars` parameter, an `int` parameter, establishes an upper limit for the number of characters to be copied from the source value when constructing the value added to the destination field. This limit is useful for situations in which you want to copy some data from the source field, but also control the size of index files.

Both the source and the destination of `copyField` can contain either leading or trailing asterisks, which will match anything. For example, the following line will copy the contents of all incoming fields that match the wildcard pattern `*_t` to the text field.:
The `copyField` command can use a wildcard (*) character in the `dest` parameter only if the `source` parameter contains one as well. `copyField` uses the matching glob from the source field for the `dest` field name into which the source content is copied.

Copying is done at the stream source level and no copy feeds into another copy. This means that copy fields cannot be chained i.e., you cannot copy from `here` to `there` and then from `there` to `elsewhere`. However, the same source field can be copied to multiple destination fields:

[source,xml]
<copyField source="here" dest="there"/>
<copyField source="here" dest="elsewhere"/>

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XZ for Java 1.0 (2011-10-22)

http://tukaani.org/xz/java.html

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Stax2 API is an extension to basic Stax 1.0 API that adds significant new functionality, such as full-featured bi-direction validation interface and high-performance Typed Access API.

(From http://repo1.maven.org/maven2/org/codehaus/woodstox/stax2-api/3.1.4/stax2-api-3.1.4.pom)
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jackson-jq
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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### Jdom-contrib version 1.1.3

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1.54 jbig-kit 2.0 11.el7

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* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/util/TypeUtils.java
* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/core/convert/ConverterNotFoundException.java
* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/core/convert/support/StringToArrayConverter.java
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* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/util/xml/AbstractXMLReader.java
* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/core/NestedExceptionUtils.java
* /opt/cola/permissions/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/core/convert/support/ObjectToObjectConverter.java
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* /opt/cola/permits/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1.jar/org/springframework/core/convert/support/ZoneIdToTimeZoneConverter.java
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* /opt/cola/permits/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1-jar/org/springframework/core/annotation/DefaultAnnotationAttributeExtractor.java
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* /opt/cola/permits/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1-jar/org/springframework/core/convert/converter/ConditionalConverter.java
* /opt/cola/permits/1110676767_1606843138.48/0/spring-core-5-1-4-release-sources-1-jar/org/springframework/core/convert/ConditionalConverter.java
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This Agreement constitutes the complete agreement between the parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein, with the exception of the non-disclosure agreement executed by the parties in connection with this Agreement ("Non-Disclosure Agreement"), if any, shall be subject to Section 12. No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each party. No term or condition contained in Licensee's purchase order shall apply unless expressly accepted by Digia in writing. If any provision of the Agreement is found void or unenforceable, the remainder shall remain valid and enforceable according to its terms. If any remedy provided is determined to have failed for its essential purpose, all limitations of liability and exclusions of damages set forth in this Agreement shall remain in effect.

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Neither party shall be liable to the other for any delay or non-performance of its obligations hereunder other than the obligation of paying the license fees in the event and to the extent that such delay or non-performance is due to an event of Force Majeure (as defined below). If any event of Force Majeure results in a delay or non-performance of a party for a period of three (3) months or longer, then either party shall have the right to terminate this Agreement.
with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other party. A "Force Majeure" event shall mean an act of God, terrorist attack or other catastrophic event of nature that prevents either party for fulfilling its obligations under this Agreement.

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Copyright FAQ
==============

1. I don't understand the resale restriction... What gives?
Bitstream is giving away these fonts, but wishes to ensure its competitors can't just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can't make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of any software package, however.

2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

You must change the name(s) of the fonts. This is to ensure the quality of the fonts, both to protect Bitstream and Gnome. We want to ensure that if an application has opened a font specifically of these names, it gets what it expects (though of course, using fontconfig, substitutions could still could have occurred during font opening). You must include the Bitstream copyright. Additional copyrights can be added, as per copyright law. Happy Font Hacking!

6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.
8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration, selection and substitution; it has provisions for overriding font names and subsituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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/* * It does require the zlib library and optionally the IJG jpeg library, */
/* * and/or the "little-cms" library by Marti Maria (depending on the */
/* * inclusion of support for JNG and Full-Color-Management respectively. */
/* */
/* */
/* This library's function is primarily to read and display MNG */
/* * animations. It is not meant as a full-featured image-editing */
/* * component! It does however offer creation and editing functionality */
/* * at the chunk level. */
/* * (future modifications may include some more support for creation */
/* * and or editing) */
/* */
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Either party shall have the right to terminate this Agreement immediately upon written notice in the event that the other party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to
13.4 Surviving Sections
Any terms and conditions that by their nature or otherwise reasonably should survive a cancellation or termination of this Agreement shall also be deemed to survive. Such terms and conditions include, but are not limited to the following Sections: 2, 5.1, 6, 7, 8(iv), 10, 12, 13.5, 13.6, 13.9, 13.10 and 13.11 of this Agreement. Notwithstanding the foregoing, Section 5.1 shall not survive if the Agreement is terminated for material breach.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is
analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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13. GENERAL PROVISIONS

13.1 Marketing
Digia may include Licensee's company name and logo in a publicly available list of Digia customers and in its public communications.

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Licensee shall not be entitled to assign or transfer all or any of its rights, benefits and obligations under this Agreement without the prior written consent of Digia, which shall not be unreasonably withheld. Digia shall be entitled to assign or transfer any of its rights, benefits or obligations under this Agreement on an unrestricted basis.

13.3 Termination
Digia may terminate the Agreement at any time immediately upon written notice by Digia to Licensee if Licensee breaches this Agreement.
Either party shall have the right to terminate this Agreement immediately upon written notice in the event that the other party becomes insolvent, files for any form of bankruptcy, makes any assignment for the benefit of creditors, has a receiver, administrative receiver or officer appointed over the whole or a substantial part of its assets, ceases to conduct business, or an act equivalent to any of the above occurs under the laws of the jurisdiction of the other party. Upon termination of the Licenses, Licensee shall return to Digia all copies of Licensed Software that were supplied by Digia. All other copies of Licensed Software in the possession or control of Licensee must be erased or destroyed. An officer of Licensee must promptly deliver to Digia a written confirmation that this has occurred.

13.4 Surviving Sections
Any terms and conditions that by their nature or otherwise reasonably should survive a cancellation or termination of this Agreement shall also be deemed to survive. Such terms and conditions include, but are not limited to the following Sections 2, 5.1, 6, 7, 8(iii), 10, 12, 13.5, 13.6, 13.9, 13.10, and 13.11 shall survive the termination of the Agreement. Notwithstanding the foregoing, Section 5.1 shall not survive if the Agreement is terminated for material breach.

13.5 Entire Agreement
This Agreement constitutes the complete agreement between the parties and supersedes all prior or contemporaneous discussions, representations, and proposals, written or oral, with respect to the subject matters discussed herein, with the exception of the non-disclosure agreement executed by the parties in connection with this Agreement ("Non-Disclosure Agreement"), if any, shall be subject to Section 12. No modification of this Agreement shall be effective unless contained in a writing executed by an authorized representative of each party. No term or condition contained in Licensee's purchase order shall apply unless expressly accepted by Digia in writing. If any
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13.6 Payment and Taxes
If credit has been extended to Licensee by Digia, all payments under this Agreement are due within thirty (30) days of the date Digia mails its invoice to Licensee. If Digia has not extended credit to Licensee, Licensee shall be required to make payment concurrent with the delivery of the Licensed Software by Digia. All amounts payable are gross amounts but exclusive of any value added tax, use tax, sales tax or similar tax. Licensee shall be entitled to withhold from payments any applicable withholding taxes and comply with all applicable tax and employment legislation. Each party shall pay all taxes (including, but not limited to, taxes based upon its income) or levies imposed on it under applicable laws, regulations and tax treaties as a result of this Agreement and any payments made hereunder (including those required to be withheld or deducted from payments). Each party shall furnish evidence of such paid taxes as is sufficient to enable the other party to obtain any credits available to it, including original withholding tax certificates.

13.7 Force Majeure
Neither party shall be liable to the other for any delay or non-performance of its obligations hereunder other than the obligation of paying the license fees in the event and to the extent that such delay or non-performance is due to an event of Force Majeure (as defined below). If any event of Force Majeure results in a delay or non-performance of a party for a period of three (3) months or longer, then either party shall have the right to terminate this Agreement with immediate effect without any liability (except for the obligations of payment arising prior to the event of Force Majeure) towards the other party. A "Force Majeure" event shall mean an act of God, terrorist attack or other catastrophic event of nature that prevents either party for fulfilling its obligations under this Agreement.

13.8 Notices
Any notice given by one party to the other shall be deemed properly given and deemed received if specifically acknowledged by the receiving party in writing or when successfully delivered to the recipient by hand, fax, or special courier during normal business hours on a business day to the addresses specified below. Each communication and document made or delivered by one party to the other party pursuant to this Agreement shall be in the English language or accompanied by a translation thereof.

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PCRE is a library of functions to support regular expressions whose syntax
and semantics are as close as possible to those of the Perl 5 language.

This is JavaScriptCore's variant of the PCRE library. While this library
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*/opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-jar/org/antlr/v4/runtime/atn/LexerModeAction.java
*/opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-jar/org/antlr/v4/runtime/atn/LexerAction.java
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*/opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-jar/org/antlr/v4/runtime/atn/LexerChannelAction.java
*/opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-jar/org/antlr/v4/runtime/atn/LexerActionExecutor.java

No license file was found, but licenses were detected in source scan.

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*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/ErrorInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/ContextSensitivityInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/ParseInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/AmbiguityInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/DecisionEventInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/RuntimeMetaData.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/LookaheadEventInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/PredicateEvalInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/atin/DecisionInfo.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/VocabularyImpl.java
* /opt/ws_local/PERMITS_SQL/1013874009_1591325437.54/0/antlr4-runtime-4-5-1-sources-
  jar/org/antlr/v4/runtime/Vocabulary.java

1.59 wildfly-weld-webservices 14.0.1.Final
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Whether this is true is especially significant if the work can be
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
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Otherwise, if the work is a derivative of the Library, you may
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1.74 jetty-continuation 9.4.20.v20190813

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message
The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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

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

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Oracle OpenJDK

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

* java.sun.security.ssl

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

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

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

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

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

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/HandlerAdapter.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/form/HiddenInputTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/BindErrorsTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/HtmlEscapeTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/form/OptionTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/tags/AbstractHtmlInputElementTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/tags/AbstractFormTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/ThemeTag.java
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  jar/org/springframework/web/servlet/handler/DispatcherServletWebRequest.java

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/**
* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
* view or before a redirect.
* 
* Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality, protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
* 
* View technologies that support this contract can obtain an instance to
* delegate to via {@link RequestContext#getRequestDataValueProcessor()}.  
* 
* @author Rossen Stoyanchev
* @since 3.1
*/

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/jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfig.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/NoHandlerFoundException.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/tags/HtmlEscapingAwareTag.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/tags/ArgumentAware.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/VersionStrategy.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/ResourceTransformerChain.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/document/AbstractXlsxView.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/document/AbstractXlsxStreamingView.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/resource/ResourceUrlProviderExposingInterceptor.java
  */opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
/jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java

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  jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/tags/form/OptionsTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/view/feed/AbstractFeedView.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/tags/form/SelectTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/mvc/method/RequestMappingInfoHandlerMethodMappingNamingStrategy.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/view/AbstractAtomFeedView.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/view/AbstractFeedView.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
  jar/org/springframework/web/servlet/FlashMapManager.java

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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMapping.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/config/FreeMarkerConfigurerBeanDefinitionParser.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/HandlerExceptionResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/view/UrlBasedViewResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfigurer.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java
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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/ViewMethodReturnValueHandler.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/mvc/condition/ProducesRequestCondition.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/view/script/RenderingContext.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/support/ServletUriComponentsBuilder.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/handler/SimpleMappingExceptionResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/tags/form/InputTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/mvc/condition/ConsumesRequestCondition.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/processor/AbstractMessageConverterMethodProcessor.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/handler/SimpleMappingExceptionResolver.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/processor/AbstractMessageConverterMethodProcessor.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/tags/form/RadioButtonsTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/tags/form/AbstractMultiCheckedElementTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/tags/form/AbstractSingleCheckedElementTag.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/SmartView.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/ParamAware.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/RedirectAttributes.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/RedirectAttributes.java
* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-jar/org/springframework/web/servlet/mvc/LastModified.java
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/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * [ @link #locateSource detected] during response rendering. Users can either specify
 * a specific entry in the model via the [ @link #setSourceKey sourceKey] property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See [ @link #getSourceTypes() here]
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure [ @Link #setOutputProperties output properties]
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
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**************************************************************************
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* [Nathaniel Manista](https://github.com/nathanielmanistaatgoogle)
* [Jon Wayne Parrott](https://github.com/jonparrott)
* [Danny Hermes](https://github.com/dhermes)

Previous maintainers:

* [Craig Citro](https://github.com/craigcitro)
* [Joe Gregorio](https://github.com/jcgregorio)

## Contributors

This list is generated from git commit authors.

* aalexand <aalexand@google.com>
* Aaron <aaronwinter@users.noreply.github.com>
* Adam Chainz <me@adamj.eu>
* ade@google.com
* Alexandre Vivien <alx.vivien@gmail.com>
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Dependent Modules

This code has the following dependencies above and beyond the Python standard library:

oauth2client - Apache License 2.0
pyu2f - Apache License 2.0

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

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

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

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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

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

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

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```
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```
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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/**
 * A { @link WebApplicationContext} that can be used to bootstrap itself from a contained
 * { @link ServletWebServerFactory} bean.
 * <p>
 * This context will create, initialize and run an { @link WebServer} by searching for a
 * single { @link ServletWebServerFactory} bean within the { @link ApplicationContext}
 * itself. The { @link ServletWebServerFactory} is free to use standard Spring concepts

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* (such as dependency injection, lifecycle callbacks and property placeholder variables).
* <p>
* In addition, any {@link Servlet} or {@link Filter} beans defined in the context will be
* automatically registered with the web server. In the case of a single Servlet bean, the
* '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
* name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
* always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
* <p>
* For more advanced configuration, the context can instead define beans that implement
* the {@link ServletContextInitializer} interface (most often
* {@link ServletRegistrationBean}s and/or {@link FilterRegistrationBean}s). To prevent
* double registration, the use of {@link ServletContextInitializer} beans will disable
* automatic Servlet and Filter bean registration.
* <p>
* Although this context can be used directly, most developers should consider using the
* {@link AnnotationConfigServletWebServerApplicationContext} or
* {@link XmlServletWebServerApplicationContext} variants.
* 
* @author Phillip Webb
* @author Dave Syer
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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/*

1.106 adwaita-icon-theme 3.28.0-1.el7

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1.114 spring-jdbc 5.2.2.RELEASE

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Benoit Sigoure <tsuna@google.com>
Bogdan Piloca <boo@google.com>
Chandler Carruth <chandlere@google.com>
Dave MacLachlan <dmaclach@gmail.com>
David Anderson <danderson@google.com>
Dean Sturtevant
Gene Volovich <gv@cite.com>
Hal Burch <gmock@hburch.com>
Jeffrey Yasskin <jyasskin@google.com>
Jim Keller <jimkeller@google.com>
Joe Walnes <joe@truemesh.com>
Jon Wray <jwray@google.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith-ray@gmail.com>
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Mario Tanev <radix@gmail.com>
Mark Paskin
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Matthew Simmons <simmonmt@acm.org>
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## DOM Level 3 Core Specification v1.0

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1.127 icu 50.2 4.el7_7

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### *.makefile*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<" 
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/($*)\.o[ :]|*\(\1\)o$@ : /g" > $@ ;\ 
[ -s $@ ] || rm -f $@’

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<" 
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/($*)\.o[ :]|*\(\1\)o$@ : /g" > $@ ;\ 
[ -s $@ ] || rm -f $@’

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s $< $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s $< $@

## End FreeBSD-specific setup

1.128 openssl 1.1.1a

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1.130 glib 2.56.1-5.el7_7.0atomix2

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* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Label.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/MethodVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Type.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/TypePath.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Context.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/RecordComponentWriter.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/ModuleVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/ClassVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Opcodes.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/ByteVector.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Handle.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/ClassReader.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/CurrentFrame.java
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* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/Context.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/MethodVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/ClassVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/asm/CurrentFrame.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/TypeReference.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/ConstantDynamic.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/RecordComponentVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/Handler.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/MethodTooLargeException.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/SymbolTable.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/ClassTooLargeException.java
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jar/org/springframework/asm/Edge.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/AnnotationVisitor.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/asm/AnnotationWriter.java
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jar/org/springframework/asm/FieldVisitor.java
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jar/org/springframework/asm/Constants.java
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jar/org/springframework/asm/FieldWriter.java
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* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/core/io/buffer/DataBufferUtils.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/core/serializer/Deserializer.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/org/springframework/core/serializer/Deserializer.java
jar/org/springframework/core/env/PropertySource.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/util/xml/StaxEventXMLReader.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/core/type/StandardAnnotationMetadata.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/core/SimpleAliasRegistry.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/core/env/SimpleCommandLinePropertySource.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/core/codec/Encoder.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/util/StringUtils.java

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jar/org/springframework/cglib/core/AbstractClassGenerator.java
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jar/org/springframework/cglib/core/ReflectUtils.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/cglib/core/KeyFactory.java
* /opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-
jar/org/springframework/cglib/proxy/MethodProxy.java

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org.springframework.core.ReactiveAdapterRegistry$SpringCoreBlockHoundIntegration

Found in path(s):
*/opt/cola/permits/1104729190_1604648960.54/0/spring-core-5-2-10-release-sources-jar/META-INF/services/reactor.blockhound.integration.BlockHoundIntegration

1.151 commons-configuration 2.2

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1.152 hibernate-search-backend-jms

5.10.3.Final

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1.156 wildfly-messaging 14.0.1.Final

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.181 lucene-analyzers-common 7.7.0

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1.183 wildfly-management-client-content

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1.185 libpciaccess 0.14-1.el7

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1.188 jcodings 1.0.12

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1.192 jackson-databind 2.10.5

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1.193 hibernate 5.3.6.Final

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1.198 apache-felix-bundlerepository 1.6.2

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1.202 google-http-client 1.22.0

1.203 protobuf 3.8.0
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1.205 opentracing-api 0.31.0

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1.213 jersey 2.12

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1.215 jboss-logging-processor 1.1.0.Final
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1.216 icu 44

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```makefile
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(sbindir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCPPFLAGS) -o $@ $<
```
## Dependency rules

%.d: $(srcdir)/%.c  
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed 's/\($*[ ]\)\.o [ :]*/\1.o $@ : /g' > $@; \
[ -s $@ ] || rm -f $@’

%.d: $(srcdir)/%.cpp  
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed 's/\($*[ ]\)\.o [ :]*/\1.o $@ : /g' > $@; \
[ -s $@ ] || rm -f $@’

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)  
$(RM) $@ && ln -s ${<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)  
$(RM) $@ && ln -s {*F}.$(SO).$(SO).$(SO_TARGET_VERSION_MAJOR) $@

## End FreeBSD-specific setup

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1.217 jackson-databind 2.9.9.3

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (http://fasterxml.com).

## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

### 1.218 netty-buffer 4.1.53.Final

1.218.1 Available under license:

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Manifest-Version: 1.0
Implementation-Title: Netty/Buffer
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
Automatic-Module-Name: io.netty.buffer
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.buffer
Implementation-Version: 4.1.53.Final
Built-By: root
Bnd-LastModified: 1602570733420
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.util;version="[4.1,5)";io.netty.util.collection;version="[4.1,5)";io.netty.util.concurrent;version="[4.1,5)";io.netty.util.internal;version="[4.1,5)";io.netty.util.internal.logging;version="[4.1,5)";sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.buffer;uses="io.netty.util";version="4.1.53"
\ io.netty.buffer.search;uses="io.netty.util";version="4.1.53"
Bundle-Name: Netty/Buffer
Bundle-Version: 4.1.53.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-buffer/

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* /opt/cola/permits/1104729274_1604648827.14/0/netty-buffer-4-1-53-final-jar/META-INF/MANIFEST.MF
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1.219 resteasy-jax-rs 3.0.14.Final

1.219.1 Available under license:
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/**
* <p>Encodes and decodes to and from Base64 notation.</p>
* <p>Homepage: <a href="http://iharder.net/base64">http://iharder.net/base64</a>.</p>
* <p/>
* <p>Example:</p>
* <p/>
  * <code>String encoded = Base64.encode( myByteArray );</code>
  * <br />
  * <code>byte[] myByteArray = Base64.decode( encoded );</code>
  * <p/>
  * <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass
  * several pieces of information to the encoder. In the "higher level" methods such as
  * <code>encodeBytes( bytes, options )</code> the options parameter can be used to indicate such
  * things as first gzipping the bytes before encoding them, not inserting linefeeds,
  * and encoding using the URL-safe and Ordered dialects.</p>
  * <p/>
  * <p>Note, according to <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>,
  * Section 2.1, implementations should not add line feeds unless explicitly told
  * to do so. I've got Base64 set to this behavior now, although earlier versions
  * broke lines by default.</p>
  * <p/>
  * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
  * might make a call like this:</p>
  * <p/>
  * <code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );</code>
  * <p>to compress the data before encoding it and then making the output have newline characters.</p>
  * <p/>
  * <p>Also...</p>
  * <p/>
  * <code>String encoded = Base64.encodeBytes( crazyString.getBytes() );</code>
  * <p/>
  * <p/>
  * <p/>
  * <p/>
  * <p>Change Log:</p>
  * <p/>
  * <ul>
  * <li>v2.3.7 - Fixed subtle bug when base 64 input stream contained the
  * value 01111111, which is an invalid base 64 character but should not
  * throw an <tt>ArrayIndexOutOfBoundsException</tt> either. Led to discovery of
  * mishandling (or potential for better handling) of other bad input
  * characters. You should now get an <tt>IOException</tt> if you try decoding
  * something that has bad characters in it.</li>
  * <li>v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded
  * string ended in the last column; the buffer was not properly shrunk and
  * contained an extra (null) byte that made it into the string.</li>
  * <li>v2.3.5 - Fixed bug in [ @link encodeFromFile ] where estimated buffer size
  * was wrong for files of size 31, 34, and 37 bytes.</li>
  * <li>v2.3.4 - Fixed bug when working with gzipped streams whereby flushing
  * the Base64.OutputStream closed the Base64 encoding (by padding with equals
  * signs) too soon. Also added an option to suppress the automatic decoding
  * of gzipped streams. Also added experimental support for specifying a
* class loader when using the
* [decodeToObject(java.lang.String, int, java.lang.ClassLoader)]
* method.</li>
* <li>v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java
* footprint with its CharEncoders and so forth. Fixed some javadocs that were
* inconsistent. Removed imports and specified things like java.io.IOException
* explicitly inline.</li>
* <li>v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the
* final encoded data will be so that the code doesn't have to create two output
* arrays: an oversized initial one and then a final, exact-sized one. Big win
* when using the [encodeBytesToBytes(byte[])] family of methods (and not
* using the gzip options which uses a different mechanism with streams and stuff).</li>
* <li>v2.3.1 - Added [encodeBytesToBytes(byte[], int, int, int)] and some
* similar helper methods to be more efficient with memory by not returning a
* String but just a byte array.</li>
* <li>v2.3 - <strong>This is not a drop-in replacement!</strong> This is two years of comments
* and bug fixes queued up and finally executed. Thanks to everyone who sent
* me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else.
* Much bad coding was cleaned up including throwing exceptions where necessary
* instead of returning null values or something similar. Here are some changes
* that may affect you:
* <ul>
* <li><em>Does not break lines, by default.</em> This is to keep in compliance with
* <li><em>Throws exceptions instead of returning null values.</em> Because some operations
* (especially those that may permit the GZIP option) use IO streams, there
* is a possibility of an java.io.IOException being thrown. After some discussion and
* thought, I've changed the behavior of the methods to throw java.io.IOExceptions
* rather than return null if ever there's an error. I think this is more
* appropriate, though it will require some changes to your code. Sorry,
* it should have been done this way to begin with.</li>
* <li><em>Removed all references to System.out, System.err, and the like.</em></li>
* <li>Shame on me. All I can say is sorry they were ever there.</li>
* <li><em>Throws NullPointerExceptions and IllegalArgumentExceptions</em> as needed
* such as when passed arrays are null or offsets are invalid.</li>
* <li>Cleaned up as much javadoc as I could to avoid any javadoc warnings.
* This was especially annoying before for people who were thorough in their
* own projects and then had gobs of javadoc warnings on this file.</li>
* </ul>
* <li>v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
* when using very small files (~&lt; 40 bytes).</li>
* <li>v2.2 - Added some helper methods for encoding/decoding directly from
* one file to the next. Also added a main() method to support command line
* encoding/decoding from one file to the next. Also added these Base64 dialects:
* </li>
* <ol>
* <li>The default is RFC3548 format.</li>
* <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates
* URL and file name friendly format as described in Section 4 of RFC3548.
* http://www.faqs.org/rfcs/rfc3548.html
* Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates URL and file name friendly format that preserves lexical ordering as described in http://www.faqs.org/qa/rfc-1940.html
* Special thanks to Jim Kellerman at http://www.powerset.com/ for contributing the new Base64 dialects.
* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.
* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).
* v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.
* v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (int s that you "OR" together).
* v1.5.1 - Fixed bug when decompressing and decoding to a byte[]. Using decode(String s, boolean gzipCompressed )
* Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
* v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when using GZIP streams.
* Added the ability to GZip-compress objects before encoding them.
* v1.4 - Added helper methods to read/write files.
* v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
* v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
* v1.3.3 - Fixed I/O streams which were totally messed up.

@end

@version 2.3.7

---

Open Source Used In Data Center Network Manager 11.5(1) 2048
/**

Found in path(s):
* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1- jar/org/jboss/resteasy/util/Base64.java
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*/

Found in path(s):
* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1- jar/org/jboss/resteasy/test/TestPortProvider.java
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/**
* Any exception thrown by a MessageBodyReader chain that is not an instance of a ReaderException is caught
* internally by the Resteasy runtime and wrapped with an instance of ReaderException.
* If you want to have special exception handling for exceptions thrown by MessageBodyReaders, then write an
* exception mapper for ReaderException.
* Also, you may extend this class and throw instances of it from your MessageBodyReaders (and interceptors)
* @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
* @version $Revision: 1 $
*/

Found in path(s):
* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1- jar/org/jboss/resteasy/spi/ReaderException.java
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/**
 * Any exception thrown by a MessageBodyWriter chain that is not an instance of a WriterException is caught
 * internally
 * by the Resteasy runtime and wrapped with an instance of WriterException.
 * 
 * If you want to have special exception handling for exceptions thrown by MessageBodyWriters and their
 * interceptors, then write an exception
 * mapper for WriterException.
 * 
 * Also, you may extend this class and throw instances of it from your MessageBodyWriters (and interceptors)
 * 
 * @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
 * @version $Revision: 1 $
 */

Found in path(s):
* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1-
  jar/org/jboss/resteasy/spi/WriterException.java

1.220 streadway-amqp v1.0.0
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1.224 jackson-databind 2.9.6

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1.232 plexus-utils 1.0.4

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1.233 velocity 1.5

1.234 spring-context 5.2.10.RELEASE

1.234.1 Available under license:

No license file was found, but licenses were detected in source scan.

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 */

/**
 * Indicates that a component is only eligible for registration when all
 * [@linkplain value specified conditions] match.
 *
 * A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see [@link Condition] for details).
 *
 * The [@code @Conditional] annotation may be used in any of the following ways:
 *
 * <ul>
 * <li>as a type-level annotation on any class directly or indirectly annotated with
 * [@code @Component], including [@link Configuration @Configuration] classes</li>
 * <li>as a meta-annotation, for the purpose of composing custom stereotype
 * annotations</li>
 * <li>as a method-level annotation on any [@link Bean @Bean] method</li>
 * </ul>
 *
 * If a [@code @Configuration] class is marked with [@code @Conditional],
 * all of the [@code @Bean] methods, [@link Import @Import] annotations, and
 * [@link ComponentScan @ComponentScan] annotations associated with that
 * class will be subject to the conditions.
 *
 * **NOTE**: Inheritance of [@code @Conditional] annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* [@code @Conditional] itself is not declared as
* [@link java.lang.annotation.Inherited @Inherited]; furthermore, any
* custom <em>composed annotation</em> that is meta-annotated with
* [@code @Conditional] must not be declared as [@code @Inherited].
*
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/

Found in path(s):
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/context/annotation/Conditional.java
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* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/context/support/StaticApplicationContext.java
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/validation/ObjectError.java
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/context/event/EventListenerMethodProcessor.java
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/cache/interceptor/CacheOperationSource.java
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/context/support/AbstractMessageSource.java
* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-
jar/org/springframework/cache/Cache.java
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 */
/**
 * Abstract the invocation of a cache operation.
 *
 * <p>Does not provide a way to transmit checked exceptions but
 * provide a special exception that should be used to wrap any
 * exception that was thrown by the underlying invocation.
 * Callers are expected to handle this issue type specifically.
 *
 * @author Stephane Nicoll
 * @since 4.1
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* /opt/cola/permits/1104729291_1604648915.12/0/spring-context-5-2-10-release-sources-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java
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*/
/**
 * [@link FactoryBean] that obtains a WebSphere [@link javax.management.MBeanServer]
 * reference through WebSphere's proprietary [@code AdminServiceFactory] API,
 * available on WebSphere 5.1 and higher.
 * 
 * <p>Exposes the [@code MBeanServer] for bean references.
 * 
 * <p>This [@code FactoryBean] is a direct alternative to [@link MBeanServerFactoryBean],
 * which uses standard JMX 1.2 API to access the platform's [@link MBeanServer].
 * 
 * <p>See the javadocs for WebSphere's
 * and
 * 
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

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Found in path(s):

1.237 metrics 3.2.2

1.238 evolution-data-server 3.28.5-4.el7

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* /opt/cola/permits/1091709276_1607125592.8/0/cdi-api-1-0-cr2-sources-1-jar/java/enterprise/event/Reception.java
* /opt/cola/permits/1091709276_1607125592.8/0/cdi-api-1-0-cr2-sources-1-jar/java/enterprise/event/Observes.java
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* /opt/cola/permits/1091709276_1607125592.8/0/cdi-api-1-0-cr2-sources-1-jar/java/enterprise/inject/IllegalProductException.java
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* /opt/cola/permits/1091709276_1607125592.8/0/cdi-api-1-0-cr2-sources-1-jar/javax/enterprise/inject/spi/AnnotatedParameter.java
* /opt/cola/permits/1091709276_1607125592.8/0/cdi-api-1-0-cr2-sources-1-jar/javax/enterprise/inject/UnsatisfiedResolutionException.java
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1.277 spring-context 5.0.8.RELEASE

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 */

/**
 * Indicates that a component is only eligible for registration when all specified conditions match.
 */

<p>A <em>condition</em> is any state that can be determined programatically before the bean definition is due to be registered (see <a>Condition</a> for details).

<p>The <code>Conditional</code> annotation may be used in any of the following ways:

<ul>
<li>as a type-level annotation on any class directly or indirectly annotated with <code>Component</code>, including <code>Configuration</code> classes</li>
<li>as a meta-annotation, for the purpose of composing custom stereotype annotations</li>
<li>as a method-level annotation on any <code>Bean</code> method</li>
</ul>
* If a `@Configuration` class is marked with `@Conditional`, all of the `@Bean` methods, `@Import` annotations, and `@ComponentScan` annotations associated with that class will be subject to the conditions.

* **NOTE**: Inheritance of `@Conditional` annotations is not supported; any conditions from superclasses or from overridden methods will not be considered. In order to enforce these semantics, `@Conditional` itself is not declared as `@Inherited`; furthermore, any custom `<em>composed annotation</em>` that is meta-annotated with `@Conditional` must not be declared as `@Inherited`.

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

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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/annotation/Conditional.java

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*/
/**
* `@FactoryBean` that obtains a WebSphere `@javax.management.MBeanServer` reference through WebSphere's proprietary `@AdminServiceFactory` API, available on WebSphere 5.1 and higher.
*
* Exposes the `MBeanServer` for bean references. This FactoryBean is a direct alternative to `MBeanServerFactoryBean`, which uses standard JMX 1.2 API to access the platform's MBeanServer.
* See the javadocs for WebSphere's
* AdminServiceFactory and MBeanFactory.
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

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jar/org/springframework/jmx/MBeanServerNotFoundException.java
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jar/org/springframework/remoting/soap/SoapFaultException.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/context/annotation/EnableMBeanExport.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/context/annotation/LoadTimeWeaverAware.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/jmx/export/notification/ModelMBeanNotificationPublisher.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
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* Abstract the invocation of a cache operation.
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
* 
* @author Stephane Nicoll
* @since 4.1
*/

Found in path(s):
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/scheduling/SchedulingTaskExecutor.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/annotation/ConfigurationMethod.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/annotation/Description.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/ApplicationContextInitializer.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/ApplicationEventPublisherAware.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/context/ApplicationContextInitializer.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/context/ApplicationEventPublisherAware.java
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  jar/org/springframework/context/context/context/ApplicationContextInitializer.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/context/context/ApplicationEventPublisherAware.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/context/context/ApplicationContextInitializer.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
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  jar/org/springframework/jmx/export/MBEANExportOperations.java
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* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/jmx/export/annotation/ManagedNotifications.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/ApplicationListener.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/annotation/BeanAnnotationHelper.java
* /opt/cola/permits/110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/jndi/JndiPropertySource.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/scheduling/support/CronTrigger.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/Lifecycle.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/ApplicationEvent.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedMetric.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/SmartLifecycle.java
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- javaee_web_services_1_2.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
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1.281 snappy-java 1.1.7.3

1.282 dracut 033 564.el7

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1.287 jackson-databind 2.9.9.2

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
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**1.288 gcr 3.28.0 1.el7**

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1.290 redhat-menus 12.0.2-8.el7

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**1.292 python-schedutils 0.4-6.el7**

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1.296 httpunit 1.7

1.297 jung-api 2.0.2-SNAPSHOT

1.297.1 Available under license:

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@(#)package.html

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Found in path(s):
* /opt/cola/permits/1106204199_1607110910.99/0/jung-api-2-0-1-sources-1-
  jar/edu/uci/ics/jung/graph/util/package.html
* /opt/cola/permits/1106204199_1607110910.99/0/jung-api-2-0-1-sources-1-
  jar/edu/uci/ics/jung/graph/event/package.html
* /opt/cola/permits/1106204199_1607110910.99/0/jung-api-2-0-1-sources-1-
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  jar/edu/uci/ics/jung/graph/util/DefaultParallelEdgeIndexFunction.java
* /opt/cola/permits/1106204199_1607110910.99/0/jung-api-2-0-1-sources-1-
  jar/edu/uci/ics/jung/graph/util/EdgeIndexFunction.java
* /opt/cola/permits/1106204199_1607110910.99/0/jung-api-2-0-1-sources-1-
  jar/edu/uci/ics/jung/graph/util/IncidentEdgeIndexFunction.java
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1.298 xdg-desktop-portal 1.0.2 1.el7

1.298.1 Available under license:
[Unit]
Description=sandboxed app permission store
[Service]
BusName=org.freedesktop.impl.portal.PermissionStore
ExecStart= @libexecdir@/xdg-permission-store
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*
* Authors:
*       Alexander Larsson <alexl@redhat.com>
*/

#ifndef __FLATPAK_PERMISSION_STORE_H__
#define __FLATPAK_PERMISSION_STORE_H__

void xdg_permission_store_start (GDBusConnection *connection);

#endif /* __FLATPAK_PERMISSION_STORE_H__ */

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1091710280_1600571690.0/0/wildfly-elytron-x500-cert-util-1-11-2-final-sources-jar/org/wildfly/security/x500/cert/util/ElytronMessages.java

1.304 gnutls 3.3.29-9.el7_6
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   a) Accompany the work with the complete corresponding

   b) populate...
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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1.317 metrics-core 2.2.0

1.318 slf4j-ext 1.7.22.jbossorg-1

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* /opt/cola/permits/1003070082_1607116520.74/0/slf4j-ext-1-7-22-sources-jar/org/slf4j/ext/XLoggerFactory.java
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* /opt/cola/permits/1003070082_1607116520.74/0/slf4j-ext-1-7-22-sources-jar/org/slf4j/cal10n/LocLoggerFactory.java
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    analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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  jar/org/springframework/transaction/annotation/TransactionManagementConfigurationSelector.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/jca/context/SpringContextResourceAdapter.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/annotation/SpringTransactionAnnotationParser.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/jca/work/glassfish/GlassFishWorkManagerTaskExecutor.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/annotation/AnnotationTransactionAttributeSource.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/jca/endpoint/GenericMessageEndpointFactory.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/jta/WebLogicJtaTransactionManager.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/jca/cci/connection/CciLocalTransactionManager.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/support/SmartTransactionObject.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/annotation/ProxyTransactionManagementConfiguration.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/jca/work/jboss/JBossWorkManagerUtils.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/annotation/ItaTransactionAnnotationParser.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
  jar/org/springframework/transaction/interceptor/TransactionAspectSupport.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/0/spring-tx-4-0-2-release-sources-1-
jar/org/springframework/transaction/interceptor/NameMatchTransactionAttributeSource.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/annotation/AbstractTransactionManagementConfiguration.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/interceptor/AbstractFallbackTransactionAttributeSource.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/config/JtaTransactionManagerBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/jca/work/jboss/JBossWorkManagerTaskExecutor.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/config/TransactionManagementConfigUtils.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/jta/WebSphereUowTransactionManager.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/annotation/EnableTransactionManagement.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/config/JtaTransactionManager.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/dao/support/PersistenceExceptionTranslationInterceptor.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/config/AnnotationDrivenBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/annotation/TransactionAnnotationParser.java
* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/jca/work/WorkManagerTaskExecutor.java

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* /opt/ws_local/PERMITS_SQL/1091709839_1600572212.55/spring-tx-4-0-2-release-sources-1.jar/org/springframework/transaction/support/ResourceHolder.java
1.324 commons-pool 2.6.1

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1.326 jackson-annotations 2.8.11
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1.327 util-linux 2.23.2 63.el7
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* SUCH DAMAGE.
*/

size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0
---

#1: 32 7648 0x83
#2: 7680 8704 0xa5
#5: 7936 4864 0x7 (freebsd)
#6: 12544 3584 0x7 (freebsd)

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Documentation/licenses/COPYING.BSD-3 file.
Initialize empty image
f1c9645d0bc14efdec78a322685f26eb bsd.img
Create new DOS partition table
57e721e38d126c2df055067c18f22e9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x0000001

Device Boot Start   End    Blocks   Id   System
---------- ------- ------ -------- ------ ------

Create 1st primary partition
ada64ace122978d00d1d10e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes

Open Source Used In Data Center Network Manager 11.5(1) 2655
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ts_dev</strong> 1</td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
</tbody>
</table>

Create 2st primary partition
1beb87248e05d6e06e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8ddf51a88a045db233418dd73f6e bsd.img

---layout---------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

<table>
<thead>
<tr>
<th>Device Boot</th>
<th>Start</th>
<th>End</th>
<th>Blocks</th>
<th>Id</th>
<th>System</th>
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<td><strong>ts_dev</strong> 1</td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td><strong>ts_dev</strong> 2</td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
2e1cee529eb59e9341afef0443f196a1 bsd.img

---layout--------
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start  end  size  fstype  [fs size  bsize  cpg]
c: 4096   20479 16384  unused  0  0
d: 0     16064 16065  unused  0  0

BSD disklabel command (m for help):
Command (m for help):

------------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end  size  fstype  [fs  size  bsize  cpg]
a:  4096  6144   2049  4.2BSD    0   0   0
c:  4096  20479  16384  unused    0   0
b:  0   16064   16065  unused    0   0

BSD disklabel command (m for help):
Command (m for help):

Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

1.328 lombok 1.18.12
1.328.1 Available under license:

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1.329 grizzly-framework 1.9.8

1.330 cracklib 2.9.0-11.el7

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------------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde= r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.

-- Nathan
=

-----------------------------------------------
Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
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From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
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-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
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From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
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From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
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In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

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From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
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BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
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CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.
The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------
From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
   Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
   by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
   by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtptr020623
   for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
   by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
   for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
   by rutherford.zen.co.uk with esmtp (Exim 4.50)
   id 11cOcX-0004Qt-6L
   for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Transfer-Encoding: 7bit
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

This package was debianized by Jean Pierre LeJacq <jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt <martin@piware.de> was the package's maintainer up to version 2.7.19-1. The current maintainer is Jan Dittberner <jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

A copy of the GNU Lesser General Public License 2.1 is available as /usr/share/common-licenses/LGPL-2.1 in the Debian GNU/Linux distribution or on the World Wide Web at http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html. You can also
obtain it by writing to the Free Software Foundation, Inc., 51
Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Copyright information:

CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
v2.

This approval was carried out in email discussions in 2005, and has
been reconfirmed as of 2007-10-01 with the following email from Alec
Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with
release 2.8.15 released on 2009-11-19. See the email discussion below
for both license changes.

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-----------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)
-----------
Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
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------------------------------------------------------------
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Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
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by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with smtp (Exim 4.50)
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41BB110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=floated
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

>
> -------- Forwarded message --------
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
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> that the license is being changed to GPL, so I could include that
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> would be
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The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations
below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

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distributors to deny you these rights or to ask you to surrender these
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* /opt/cola/permits/1110675910_1606843852.53/0/spring-jcl-5-1-6-release-sources-jar/org/apache/commons/logging/impl/NoOpLog.java
```

### 1.335 connect-transforms 2.4.1

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1.340 lambdaj 2.3.3

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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:
> Hi Tom,
> What we meant with that is that we made an exception for clause 2.
> Instead of clause 2, in the case of the Mesa project, you have to name
> the technique Jimenez's MLAA in the config options of Mesa. We did that
> just to allow them to solve license issues. This exception should be for
> the Mesa project, and any project using Mesa, like Fedora.
> We want to widespread usage of our MLAA, so we want to avoid any kind of
> license complications. Hope current one is good for Fedora, if not
> please tell, and we'll see what we can do!

Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default
quality". Is this in compliance with your exception?

Thanks again,

~tom

==
Fedora Project

Subject: RE: Question about Mesa MLAA license
Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
*   "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
* Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR
- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.

*****

If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project
1.343 jung-io 2.0.2-SNAPSHOT

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* /opt/cola/permits/1106204296_1607111063.18/jung-jung-io-1-tar-gz/jung-
io/src/test/java/edu/uci/ics/jung/io/graphml/parser/TestPortElementParser.java
* /opt/cola/permits/1106204296_1607111063.18/jung-jung-io-1-tar-gz/jung-
io/src/test/java/edu/uci/ics/jung/io/graphml/parser/TestEndpointElementParser.java
* /opt/cola/permits/1106204296_1607111063.18/jung-jung-io-1-tar-gz/jung-
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1.344 mavibot 1.0.0-M1

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1.345 hibernate-validator 6.0.17.Final

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/**
* Retrieves constraint related meta data for the parameters of the given
* executable.
* @param executable The executable of interest.
* @return A list with parameter meta data for the given executable.
*/

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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator CFG/defs/NullDef.java
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* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/xml/mapping/ConstraintMappingsStaxBuilder.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/metadata/raw/ConfigurationSource.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfObjectsToStringFormatter.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/metadata/descriptor/ContainerElementTypeDescriptorImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForByte.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/metadata/aggregate/BeanMetaData.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/package-info.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/hv/EANValidator.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/package-info.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/package-info.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMinValidatorForCharSequence.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/xml/config/ValidationBootstrapParameters.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/number/NegativeValidatorForNumber.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/engine/valueextraction/ObservableValueValueExtractor.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/config/package-info.java
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  jar/org/hibernate/validator/config/defs/SizeDef.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/config/defs/br/CNPJDef.java
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  jar/org/hibernate/validator/internal/engine/valueextraction/ArrayElement.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/engine/HibernateConstraintViolation.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/engine/DefaultParameterNameProvider.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeValidatorForMonetaryAmount.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfChar.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/config/defs/package-info.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/config/context/ConstructorConstraintMappingContextImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintViolationCreationContext.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/engine/valueextraction/BooleanArrayValueExtractor.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/constructor/ConstructorTarget.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/util/ReflectionHelper.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/config/context/Cascadable.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/xml/mapping/AbstractOneLineStringStaxBuilder.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/config/defs/AssertTrueDef.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/time/PastValidatorForLocalDate.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/config/defs/PackageDef.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/internal/engine/ConfigurationImpl.java
jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorNotFoundException.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/metadata/executableDescriptor/ExecutableDescriptorImpl.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/context/GroupConversionTargetContextImpl.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/engine/valueextraction/MapValueExtractor.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/engine/ValueContext.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/metadata validators/bv/time/past/PastValidatorForJapaneseDate.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/internal/location/BeanConstraintLocation.java
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* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/config/defs/Mod10CheckDef.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/config/defs/PastOrPresentDef.java
* /opt/ cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/config/defs/ResourceBundleMessageInterpolator.java

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

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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java

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newUriScheme = getUriScheme(epAddress); //will be https if the user set confidential transport for the endpoint'

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From: Andrea Claudi <aclaudi@redhat.com>
Date: Mon, 29 Apr 2019 20:09:13 +0200
Subject: [PATCH] ip{6, }tunnel: Avoid copying user-supplied interface name
around

Bugzilla: https://bugzilla.redhat.com/show_bug.cgi?id=1465646
Upstream Status: iproute2.git commit 26111ab1dba82
commit 26111ab1dba820421ccaf283ac097a79b95023a2
Author: Phil Sutter <phil@nw1.cc>
Date: Mon Oct 2 13:46:35 2017 +0200

ip{6, }tunnel: Avoid copying user-supplied interface name around

In both files' parse_args() functions as well as in iptunnel's do_prl()
and do_6rd() functions, a user-supplied 'dev' parameter is uselessly
copied into a temporary buffer before passing it to ll_name_to_index()
or copying into a struct ifreq. Avoid this by just caching the argv
pointer value until the later lookup/strcpy.
Signed-off-by: Phil Sutter <phil@nwl.cc>

---

ip/ip6tunnel.c | 6 +++---
ip/iptunnel.c | 22 +++++++++-----------
2 files changed, 12 insertions(+), 16 deletions(-)

diff --git a/ip/ip6tunnel.c b/ip/ip6tunnel.c
index b4a7def144226..c12d700e74189 100644
--- a/ip/ip6tunnel.c
+++ b/ip/ip6tunnel.c
@@ -136,7 +136,7 @@ static void print_tunnel(struct ip6_tnl_parm2 *p)
static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
{
    int count = 0;
    -char medium[IFNAMSIZ] = {};
    +const char *medium = NULL;

    while (argc > 0) {
        if (strcmp(*argv, "mode") == 0) {
            @@ -180,7 +180,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                memcpy(&p->laddr, &laddr.data, sizeof(p->laddr));
            } else if (strcmp(*argv, "dev") == 0) {
                NEXT_ARG();
                -strncpy(medium, *argv, IFNAMSIZ - 1);
                +medium = *argv;
            } else if (strcmp(*argv, "encaplimit") == 0) {
                NEXT_ARG();
                if (strcmp(*argv, "none") == 0) {
@@ -285,7 +285,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                    count++;
                    argv--; argv++;
                } else if (medium[0]) {
                    p->link = ll_name_to_index(medium);
                    if (p->link == 0) {
                        fprintf(stderr, "Cannot find device %s\n", medium);
                    }
                }
        }
        else {
            @@ -187,7 +187,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                {
                    int count = 0;
                    -char medium[IFNAMSIZ] = {};
                    +const char *medium = NULL;
                    int isatap = 0;

                    while (argc > 0) {
                        if (strcmp(*argv, "mode") == 0) {
                            @@ -180,7 +180,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                memcpy(&p->laddr, &laddr.data, sizeof(p->laddr));
                            } else if (strcmp(*argv, "dev") == 0) {
                                NEXT_ARG();
                                -strncpy(medium, *argv, IFNAMSIZ - 1);
                                +medium = *argv;
                            } else if (strcmp(*argv, "encaplimit") == 0) {
                                NEXT_ARG();
                                if (strcmp(*argv, "none") == 0) {
@@ -285,7 +285,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                    count++;
                                    argv--; argv++;
                                } else if (medium[0]) {
                                    p->link = ll_name_to_index(medium);
                                    if (p->link == 0) {
                                        fprintf(stderr, "Cannot find device %s\n", medium);
                                    }
                                }
                            }
                            else {
                                @@ -187,7 +187,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                            static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                            {
                                                int count = 0;
                                                -char medium[IFNAMSIZ] = {};
                                                +const char *medium = NULL;
                                                int isatap = 0;

                                                while (argc > 0) {
                                                    if (strcmp(*argv, "mode") == 0) {
                                                        @@ -180,7 +180,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                                                memcpy(&p->laddr, &laddr.data, sizeof(p->laddr));
                                                        } else if (strcmp(*argv, "dev") == 0) {
                                                                NEXT_ARG();
                                                                -strncpy(medium, *argv, IFNAMSIZ - 1);
                                                                +medium = *argv;
                                                        } else if (strcmp(*argv, "encaplimit") == 0) {
                                                                NEXT_ARG();
                                                                if (strcmp(*argv, "none") == 0) {
@@ -285,7 +285,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip6_tnl_parm2 *p)
                                                                    count++;
                                                                    argv--; argv++;
                                                                } else if (medium[0]) {
                                                                    p->link = ll_name_to_index(medium);
                                                                    if (p->link == 0) {
                                                                        fprintf(stderr, "Cannot find device %s\n", medium);
                                                                    }
                                                                }
                                                            }
                                                        }
                                                    }
                                                }
                                        }
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
    }
}

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memset(p, 0, sizeof(*p));
@@ -139,7 +139,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip_tunnel_parm *p)
   p->iph.saddr = htonl(INADDR_ANY);
 } else if (strcmp(*argv, "dev") == 0) {
   NEXT_ARG();
-  strncpy(medium, *argv, IFNAMSIZ - 1);
+  medium = *argv;
 } else if (strcmp(*argv, "ttl") == 0 ||
   strcmp(*argv, "hoplimit") == 0 ||
   strcmp(*argv, "hlim") == 0) {
@@ -216,7 +216,7 @@ static int parse_args(int argc, char **argv, int cmd, struct ip_tunnel_parm *p)
   }
 }

-if (medium[0]) {
+if (medium) {
   p->link = ll_name_to_index(medium);
   if (p->link == 0) {
     fprintf(stderr, "Cannot find device \"%s\"\n", medium);
@@ -465,9 +465,8 @@ static int do_prl(int argc, char **argv)
   }
   struct ip_tunnel_prl p = {};
   int count = 0;
-  int devname = 0;
   int cmd = 0;
-  char medium[IFNAMSIZ] = {};
+  const char *medium = NULL;
   +const char *medium = NULL;

   while (argc > 0) {
     if (strcmp(*argv, "prl-default") == 0) {
@@ -488,8 +487,7 @@ static int do_prl(int argc, char **argv)
       count++;
     } else if (strcmp(*argv, "dev") == 0) {
       NEXT_ARG();
-      strncpy(medium, *argv, IFNAMSIZ-1);
-      devname++;
+      medium = *argv;
     } else {
       fprintf(stderr,
         "Invalid PRL parameter \"%s\"\n", *argv);
@@ -502,7 +500,7 @@ static int do_prl(int argc, char **argv)
       }
       argc--; argv++;
     }

     if (devname == 0) {
-       fprintf(stderr, "Must specify device\n");
+       fprintf(stderr, "Must specify device\n");


exit(-1);
}
@@ -513,9 +511,8 @@ static int do_prl(int argc, char **argv)
static int do_6rd(int argc, char **argv)
{
 struct ip_tunnel_6rd ip6rd = {
- int devname = 0;
 int cmd = 0;
- char medium[IFNAMSIZ] = { };
 + const char *medium = NULL;
 inet_prefix prefix;

 while (argc > 0) {
- int devname = 0;
 int cmd = SIOCDEL6RD;
 } else if (strcmp(*argv, "dev") == 0) {
 NEXT_ARG();
- strncpy(medium, *argv, IFNAMSIZ-1);
 -devname++;;
 +medium = *argv;
 } else {
 fprintf(stderr,
 "Invalid 6RD parameter "\"\"%s\"\n", *argv);
@@ -537,8 +534,7 @@ static int do_6rd(int argc, char **argv)
 } else if (strcmp(*argv, "dev") == 0) {
 NEXT_ARG();
- strncpy(medium, *argv, IFNAMSIZ-1);
 -devname++;;
 +medium = *argv;
 } else {
 fprintf(stderr,
 "Invalid 6RD parameter "\"\"%s\"\n", *argv);
@@ -546,7 +542,7 @@ static int do_6rd(int argc, char **argv)
 } argc--; argv++;
 } -if (devname == 0) {
 +if (!medium) {
 fprintf(stderr, "Must specify device\n");
 exit(-1);
 }
 --
 2.21.0

1.357 opensaml-xacml-saml-api 3.3.0

1.358 wss4j 2.2.2
1.358.1 Available under license :

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jar/org/springframework/cglib/SpringCglibInfo.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.210/spring-core-5-1-6-release-sources-
jar/org/springframework/core/env/PropertiesPropertySource.java
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* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/util/xml/TransformerUtils.java
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jar/org/springframework/core/task/TaskTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/type/classreading/MetadataReaderFactory.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/io/ClassRelativeResourceLoader.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/convert/support/NumberToCharacterConverter.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/serializer/support/SerializationFailedException.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/SmartClassLoader.java
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* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/task/TaskDecorator.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/util/PropertiesPersister.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/annotation/AbstractAliasAwareAnnotationAttributeExtractor.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/convert/converter/Converter.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/env/PropertyResolver.java
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* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-jar/org/springframework/core/DecoratingProxy.java
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  jar/org/springframework/core/convert/support/NumberToNumberConverterFactory.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/core/annotation/SynthesizedAnnotationInvocationHandler.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/util/backoff/BackOff.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/util/DefaultPropertiesPersister.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/util/backoff/BackOffExecution.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/core/convert/converter/ConverterRegistry.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/asm/ClassWriter.java
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  jar/org/springframework/asm/AnnotationWriter.java
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  jar/org/springframework/asm/CurrentFrame.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/asm/ModuleWriter.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/asm/ClassTooLargeException.java
* /opt/ws_local/PERMITS_SQL/1023334023_1591385099.21/0/spring-core-5-1-6-release-sources-
  jar/org/springframework/asm/TypeReference.java
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2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

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b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.


The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

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0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

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e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)


You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities,
b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any
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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.
The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the
"Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

   You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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

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

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

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

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
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copyright notice for the Library among them, as well as a reference
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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
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b) Accompany the work with a written offer, valid for at
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c) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

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

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

It may happen that this requirement contradicts the license
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distribute.

7. You may place library facilities that are a work based on the
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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Preamble

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This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion
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distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
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Thus, it is not the intent of this section to claim rights or contest
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In addition, mere aggregation of another work not based on the Library
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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

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

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

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

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

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

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

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@appendixsubsec Preamble

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freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software---to make sure the software is free for all its users.

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consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
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A ``library'' means a collection of software functions and/or data
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(which use some of those functions and data) to form executables.

The ``Library'', below, refers to any such software library or work
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``Source code'' for a work means the preferred form of the work for
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all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
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Activities other than copying, distribution and modification are not
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You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- The modified work must itself be a software library.
- You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:
Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable `work that uses the Library`, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.
The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).
Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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

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

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

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

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

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

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1.380 perl-filter 1.49-3.el7

1.381 gtk 3.22.30-5.el7

1.381.1 Available under license:

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Version 2.1, February 1999

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java

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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/address/package-info.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/PseudoRandomFunction.java
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io.netty.handler.ssl/SslHandshakeCompletionEvent.java

1.383 jakarta xml bind api 2.3.2

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1.384 perl-http-tiny 0.033-3.el7

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* /opt/cola/permits/1110675541_1606843814.83/0/xnio-nio-3-6-5-final-sources-1.jar/org/xnio/nio/WorkerThread.java
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* /opt/cola/permits/1110675541_1606843814.83/0/xnio-nio-3-6-5-final-sources-1.jar/org/xnio/nio/NioUdpChannel.java
* /opt/cola/permits/1110675541_1606843814.83/0/xnio-nio-3-6-5-final-sources-1.jar/org/xnio/nio/NioXnioProvider.java

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#
#
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org.xnio.nio.NioXnioProvider

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* /opt/cola/permits/1110675541_1606843814.83/0/xnio-nio-3-6-5-final-sources-1-jar/org/xnio/nio/AbstractNioStreamConnection.java
1.393 pigz 2.3.3-1.el7.centos

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1.394 netty-transport 4.1.31.Final

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1.395 springfox-spring-web 2.8.0

1.396 libwebp 0.3.0-7.el7
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Initial authors:

Stefan Haustein
Aleksander Slominski

2001-12-12

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Initial authors:
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2001-12-12

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Stefan Haustein
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-- activemq-web

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--activemq-web-demo

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-- activemq-web
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== For the css.js library ==

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--- activemq-web

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Upstream Authors: Douglas Gilbert <dgilbert at interlog dot com>,
  Bruce Allen <ballen at gravity dot phys dot uwm dot edu>,
  Peter Allworth <linsol at zeta dot org dot au>,
  James Bottomley <jejb at parisc-linux dot org>,
  Lars Marowsky-Bree <lmb at suse dot de>,
  Kurt Garloff <garloff at suse dot de>,
  Grant Grundler <grundler at parisc-linux dot org>,
  Christophe Varoqui <christophe dot varoqui at free dot fr>,
  Michael Weller <eowmob at exp-math dot uni-essen dot de>,
  Eric Youngdale <eric at andante dot org>

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Upstream Authors: Douglas Gilbert <dgilbert at interlog dot com>,
Bruce Allen <ballen at gravity dot phys dot uwm dot edu>,
Peter Allworth <linsol at zeta dot org dot au>,
James Bottomley <jejb at parisc-linux dot org>,
Lars Marowsky-Bree <lmb at suse dot de>,
Kurt Garloff <garloff at suse dot de>,
Grant Grundler <grundler at parisc-linux dot org>,
Christophe Varoqui <christophe dot varoqui at free dot fr>,
Michael Weller <eowmob at exp-math dot uni-essen dot de>,
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jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/annotations/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/primitives/package-info.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/base/Equivalence.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-

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  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/primitives/ImmutableDoubleArray.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/AbstractHashFunction.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ForwardingLock.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/String
s.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Monitor.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/ListeningExecutorService.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/SortedLists.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ContiguousSet.java
  /opt/ cola/ permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/package-info.java
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 */
/**
 * Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
 * { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
 * under GWT but with a slightly different signature.
 *<p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
 * it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
 * compiler to autostrip the normal server method in order to expose the special, inherited GWT
 * version.
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/ImmutableSupplier.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/JdkBackedImmutableSet.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/IndexedImmutableSet.java
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  jar/com/google/common/util/concurrent/AtomicLongMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4- 
  jar/com/google/common/collect/WellBehavedMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4- 
  jar/com/google/common/collect/GwtTransient.java

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  jar/com/google/common/collection/ImmutableSortedAsList.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/CommonPattern.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/CommonMatcher.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/JdkPattern.java
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 */

/**
 * Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned array.
* 
* <p>This method assumes that the collection size doesn't change while the method is running.
* 
* <p>TOD{kevinb}: support concurrently modified collections?
* 
* @param c the collection for which to return an array of elements
*/

[Found in path(s):]
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/collection/ObjectArrays.java
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  jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/collection/ImmutableRangeMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/reflect/Parameter.java
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  jar/com/google/common/hash/SipHashFunction.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/reflect/Element.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/math/Stats.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collect/ImmutableRangeSet.java
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jar/com/google/common/graph/package-info.java
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  jar/com/google/common/cache/Striped64.java
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  jar/com/google/common/cache/LongAdder.java
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  jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
  jar/com/google/common/io/ByteArrayDataOutput.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/primitives/SignedBytes.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/html/HtmlEscapers.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/util/concurrent/Callables.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/util/concurrent/AbstractService.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4.jar/com/google/common/base/Platform.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/FilteredMultimapValues.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/Runnables.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/ReaderInputStream.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/SortedMapDifference.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingSetMultimap.java
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jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
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jar/com/google/common/base/MoreObjects.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ElementOrder.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ConfigurableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/DirectedGraphConnections.java
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*/
/**
* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular
* version.
*/

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*/
/**
* Not supported. You are attempting to create a map that may contain a non-Comparable key.
* Proper calls will resolve to the version in ImmutableSortedMap, not this dummy version.
* @throws UnsupportedOperationException always
* @deprecated Pass a key of type Comparable to use ImmutableSortedMap.of(Comparable, Object).
*/

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  jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
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  jar/com/google/common/collect/SingletonImmutableList.java
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  jar/com/google/common/collect/RegularImmutableList.java
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  jar/com/google/common/collect/ArrayTable.java
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  jar/com/google/common/collect/AbstractIndexedListIterator.java
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  jar/com/google/common/collect/ComputationException.java
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  jar/com/google/common/collect/ComparisonChain.java
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/*
* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
* following header:
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Found in path(s):
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/AbstractNavigableMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/EvictingQueue.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/FilteredEntryMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/AbstractSortedKeySortedSetMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/FilteredMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/CompactHashSet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/TreeRangeMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingDeque.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/TransformedIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/CompactLinkedHashMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingImmutableList.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/TransformedListIterator.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingListMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingMapMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingObjectMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ForwardingSetMultimap.java
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jar/com/google/common/collection/ForwardingBlockingDeque.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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jar/com/google/common/collection/AllEqualOrdering.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collection/FilteredListMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/collection/ForwardingNavigableMap.java
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* This method was rewritten in Java from an intermediate step of the Murmur hash function in
* http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Network.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Collectors.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/graph/Graphs.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ImmutableMapEntry.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/MultimapBuilder.java

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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ImmutableMapKeySet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/Tables.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/RegularImmutableMap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/EmptyImmutableListMultimap.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ImmutableMapEntrySet.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ImmutableMultiset.java
* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-jar/com/google/common/collection/ImmutableEntry.java
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* /opt/cola/permits/1110675684_1606843710.64/0/guava-25-0-jre-sources-4-
jar/com/google/common/util/concurrent/UncheckedExecutionException.java
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Arnaud LE HORS      BULL Research FRANCE -- Koala Project
                     (XPM - X PixMap format version 2 & 3)
                     Internet: lehors@sophia.inria.fr
Surface Mail:       Arnaud LE HORS, INRIA - Sophia Antipolis,
                     2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE
Voice phone:        (33) 93.65.77.71, Fax: (33) 93 65 77 66, Telex: 97 00 50 F
*uganda.txt*        For Vim version 8.1. Last change: 2018 May 17

VIM REFERENCE MANUAL  by Bram Moolenaar

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

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==============================================================================

Kibaale Children's Centre		*kcc* *Kibaale* *charity*

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

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

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

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

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

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

*donate*

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

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

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

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

If you have any further questions, send me e-mail: <Bram@vim.org>.
The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

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

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

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

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

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

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

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

Credit Card: You can use PayPal to send money with a Credit card. This is
the most widely used Internet based payment system. It's
really simple to use. Use this link to find more info:
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is
preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
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Swift code: RABO NL 2U
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8134 Adliswil
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vim:tw=78:ts=8:et:ft=help:si:sw:
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Version 2.1, February 1999

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1.423 servlet-api 2.5

1.424 libsecret 0.18.6-1.el7

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===============

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* /opt/ws_local/PERMITS_SQL/1091709466_1600571559.42/0/wildfly-elytron-x500-1-11-2-final-sources-jar/org/wildfly/security/x500/_private/ElytronMessages.java
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* /opt/ws_local/PERMITS_SQL/1091709466_1600571559.42/0/wildfly-elytron-x500-1-11-2-final-sources-jar/org/wildfly/security/x500/util/X500PrincipalUtil.java
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jar/org/wildfly/security/x500/util/package-info.java
* /opt/ws_local/PERMITS_SQL/1091709466_1600571559.42/0/wildfly-elytron-x500-1-11-2-final-sources-
jar/org/wildfly/security/x500/package-info.java

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1.432 plexus-container-default 1.0-alpha-9

1.433 python-pyudev 0.15-9.el7

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/**
 * Servlet specific extension to [SinglePortConfidentialityHandler]
 */
* @author <a href="mailto:darran.lofthouse@jboss.com">Darran Lofthouse</a>*
*/
/**
 * Use the HttpServerExchange supplied to check if this request is already 'sufficiently' confidential.
 *
 * Here we say 'sufficiently' as sub-classes can override this and maybe even go so far as querying the actual
 * SSLSession.
 *
 * @param exchange - The { @link HttpServerExchange} for the request being processed.
 * @return true if the request is 'sufficiently' confidential, false otherwise.
 */

private static final String noConfidentialPortAvailable = "UT010053: No confidential port is available to redirect the
current request."
;
protected String noConfidentialPortAvailable$str() {
    return noConfidentialPortAvailable;
}
public final IllegalStateException noConfidentialPortAvailable() {
    final IllegalStateException result = new IllegalStateException(String.format(getLoggingLocale(),
        noConfidentialPortAvailable$str()));
    return result;
}

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* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/api/InstanceHandle.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/core/Lifecycle.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/api/SessionManagerFactory.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/core/ServletExtensionHolder.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/handlers/FilterHandler.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/core/InMemorySessionManagerFactory.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/spec/UpgradeServletOutputStream.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/spec/ServletPrintWriter.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/core/ManagedServlets.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/api/ServletStackTraces.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/attribute/ServletContextAttribute.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/handlers/MarkSecureHandler.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/attribute/ServletSessionAttribute.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/spec/WebConnectionImpl.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/api/ThreadSetupAction.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/handlers/ServletInitialHandler.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/attribute/ServletRequestedSessionIdAttribute.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/attribute/ServletRequestAttribute.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1.jar/io/undertow/servlet/handlers/SessionRestoringHandler.java
* /opt/cola/permits/110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1
jar/io/undertow/servlet/handlers/security/CachedAuthenticatedSessionHandler.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/predicate/DispatcherTypePredicate.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/core/ServletContainerImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/attribute/ServletRequestURLAttribute.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/api/MetricsCollector.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/spec/HttpSessionImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/core/ApplicationListeners.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/api/AuthorizationManager.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/core/BlockingWriterSenderImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/api/HttpMethodSecurityInfo.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/compat/rewrite/RewriteRule.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/api/MimeMapping.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/util/SavedRequest.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/core/DeploymentManagerImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/spec/ServletConfigImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/compat/rewrite/RewriteConfigFactory.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/spec/ServletOutputStreamImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/osgi/Activator.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/core/ErrorPages.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/handlers/ServletDebugPageHandler.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/spec/MappingImpl.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/compat/rewrite/Resolver.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/sse/ServerSentEventSCI.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
jar/io/undertow/servlet/api/CrawlerSessionManagerConfig.java
* /opt/cola/permits/1110676233_1606843341.52/0/undertow-servlet-2-0-13-final-sources-1-
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designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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@page
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1.451 gnome-shell-extensions 3.28.1-11.el7
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You might want to interpret some document fields in more than one way. Solr has a mechanism for making copies of fields so that you can apply several distinct field types to a single piece of incoming information.

The name of the field you want to copy is the _source_, and the name of the copy is the _destination_. In `schema.xml`, it's very simple to make copies of fields:

[source,xml]
----
<copyField source="cat" dest="text" maxChars="30000" />
----

In this example, we want Solr to copy the `cat` field to a field named `text`. Fields are copied before analysis is done, meaning you can have two fields with identical original content, but which use different analysis chains and are stored in the index differently.

In the example above, if the `text` destination field has data of its own in the input documents, the contents of the `cat` field will be added as additional values just as if all of the values had originally been specified by the client. Remember to configure your fields as `multivalued="true"` if they will ultimately get multiple values (either from a multivalued source or from multiple `copyField` directives).

A common usage for this functionality is to create a single "search" field that will serve as the default query field when users or clients do not specify a field to query. For example, `title`, `author`, `keywords`, and `body` may all be fields that should be searched by default, with copy field rules for each field to copy to a `catchall` field (for example, it could be named anything). Later you can set a rule in `solrconfig.xml` to search the `catchall` field by default. One caveat to this is your index will grow when using copy fields. However, whether this becomes problematic for you and the final size will depend on the number of fields being copied, the number of destination fields being copied to, the analysis in use, and the available disk space.

The `maxChars` parameter, an `int` parameter, establishes an upper limit for the number of characters to be copied from the source value when constructing the value added to the destination field. This limit is useful for situations in which you want to copy some data from the source field, but also control the size of index files.

Both the source and the destination of `copyField` can contain either leading or trailing asterisks, which will match anything. For example, the following line will copy the contents of all incoming fields that match the wildcard pattern `*_t` to the text field:

[source,xml]
----
<copyField source="*_t" dest="text" maxChars="25000" />
----

[IMPORTANT]
====
The `copyField` command can use a wildcard (*) character in the `dest` parameter only if the `source` parameter contains one as well. `copyField` uses the matching glob from the source field for the `dest` field name into which the source content is copied.
==
Copying is done at the stream source level and no copy feeds into another copy. This means that copy fields cannot be chained i.e., _you cannot_ copy from `here` to `there` and then from `there` to `elsewhere`. However, the same source field can be copied to multiple destination fields:

[source,xml]

```xml
<copyField source="here" dest="there"/>
<copyField source="here" dest="elsewhere"/>
```

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NekoHTML is a simple HTML scanner and tag balancer that enables application programmers to parse HTML documents and access the information using standard XML interfaces. The parser can scan HTML files and “fix up” many common mistakes that human (and computer) authors make in writing HTML documents. NekoHTML adds missing parent elements; automatically closes elements with optional end tags; and can handle mismatched inline element tags.

NekoHTML is written using the Xerces Native Interface (XNI) that is the foundation of the Xerces2 implementation. This enables you to use the NekoHTML parser with existing XNI tools without modification or rewriting code.

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boilerpipe

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Woodstox is an XML-parser that allows parsing of XML documents in so-called pull mode (aka "pull parsing").
It specifically implements StAX 1.0 API:


which defines what is closest to being the J2xE standard for XML pull parsers.

Woodstox was originally written by Tatu Saloranta (<tatu.saloranta@iki.fi>).

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XZ for Java 1.0 (2011-10-22)

http://tukaani.org/xz/java.html

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BUILD: 2016-02-13 19:37:50+01:00
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The initial code for shuffling an array (originally in class  
"org.apache.commons.math3.random.RandomDataGenerator", now replaced by 
a method in class "org.apache.commons.math3.util.MathArrays") was 
inspired from the algorithm description provided in 
"Algorithms", by Ian Craw and John Pulham (University of Aberdeen 1999).  
The textbook (containing a proof that the shuffle is uniformly random) is 
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
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jar/io/netty/handler/traffic/TrafficCounter.java
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  jar/io/netty/handler/timeout/WriteTimeoutException.java
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  jar/io/netty/handler/ssl/SslHandler.java
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  jar/io/netty/handler/ssl/util/package-info.java
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  jar/io/netty/handler/stream/ChunkedStream.java
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  jar/io/netty/handler/timeout/package-info.java
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  jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java

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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyMaterial.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManager.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java

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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/IPPacket.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/package-info.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/UDPPacket.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java

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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ipfilter/IPFilterRule.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ipfilter/IPEndPoint.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SniHandler.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SslUtils.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/util/OpenJdkSignedCertGenerator.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
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1.458 icu 58

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic
## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$\(GEN\_DEPS.c\) $< \ 
| sed \"s/\(.*\)\.o [ :]*/\1\.o $@ : /g\" > $@; \ 
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$\(GEN\_DEPS.cc\) $< \ 
| sed \"s/\(.*\)\.o [ :]*/\1\.o $@ : /g\" > $@; \ 
[ -s $@ ] || rm -f $@'

## Versioned libraries rules
%.so$(SO_TARGET_VERSION_MAJOR): %.so$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.so: %.so$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.so$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

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

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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PART 10. VMWARE TOOLS FOR WINDOWS

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kmodtool - Helper script for building kernel module RPMs
Copyright (c) 2003-2008 Ville Skytt <ville.skytta@iki.fi>,
Thorsten Leemhuis <fedora@leemhuis.info>
Jon Masters <jcm@redhat.com>

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redhat-rpm-config-9.0.3.tar.bz2|redhat-rpm-config-9.0.3.tar|redhat-rpm-config-9.0.3|kmodtool

kmodtool - Helper script for building kernel module RPMs
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>>> freebsd-base64-4.8

base64.c -- routines to encode/decode base64 data
$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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libSM.so.6
libXft.so.2
libXinerama.so.1
libXrandr.so.2
libXrender.so.1
libatk-1.0.so.0
libatkmm-1.6.so.1
libcairo.so.2
libcairomm-1.0.so.1
libconf
libdnet.so.1
libexpat.so.6
libfontconfig.so.1
libfreetype.so.9
libgcc_s.so.1
libgd-k-x11-2.0.so.0
libgdk_pixbuf-2.0.so.0

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libgdk_pixbuf_xlib-2.0.so.0
libgdkmm-2.4.so.1
libglib-2.0.so.0
libglibmm-2.4.so.1
libglibmm_generate_extra_defs-2.4.so.1
libgmodule-2.0.so.0
libgobject-2.0.so.0
libgthread-2.0.so.0
libgtk-x11-2.0.so.0
libgtkmmm-2.4.so.1
libiconv.so.3
libintl.so.8
libpango-1.0.so.0
libpangocairo-1.0.so.0
libpangoft2-1.0.so.0
libpangomm-1.4.so.1
libpcre.so.0
libpixman-1.so.9
libpng.so.5
libsige-2.0.so.0
libvmtools.so
libX11.so.6
libXext.so.6
libXtst.so.6
libXau.so.6
libXcomposite.so.1
libXdamage.so.1
libXfixes.so.3
libcursor.so.1
libXi.so
libXdmcps.so.6]

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

Note: There may be an updated version of this malloc obtainable at
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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

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fontconfig-2.12.1.tar.bz2\fontconfig-2.12.1.tar\fontconfig-2.12.1\src\ftglue.h

ftglue.c: Glue code for compiling the OpenType code from FreeType 1 using only the public API of FreeType 2

By David Turner, The FreeType Project (www.freetype.org)

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See ftglue.h for more information.

>>> freebsd-6.3

[VMWAre ships the following subcomponents from freebsd 6.3:

libICE.so.6
libSM.so.6
libXft.so.2
libXinerama.so.1
libXrandr.so.2
libXrender.so.1
libatk-1.0.so.0
libatkmm-1.6.so.1
libcairo.so.2
libcairomm-1.0.so.1
libconf
libdnet.so.1
libexpat.so.6
libfontconfig.so.1
libfreetype.so.9
libgcc_s.so.1
libgd-11-2.0.so.0
libgdck-pixbuff-2.0.so.0
libgdck-pixbuff_xlib-2.0.so.0
libgdkmm-2.4.so.1
libglib-2.0.so.0
libglibmm-2.4.so.1
libglibmm_generate_extra_defs-2.4.so.1
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Pango
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FreeType font driver for pcf fonts

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

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version 1.0 - 1999.10.15 - First version.
version 1.1 - 2015.07.29 - Fixed leaks (Glenn Randers-Pehrson)
version 1.2 - 2017.04.22 - Add buffer-size check
1.3 - 2017.08.24 - Fix potential overflow in buffer-size check
   (Glenn Randers-Pehrson)
1.4 - 2017.08.28 - Add PNGMINUS_UNUSED (Christian Hesse)

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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jloup@gzip.org          madler@alumni.caltech.edu

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

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zlib1.2.11.tar.gz\zlib1.2.11.tar\zlib1.2.11\contrib\amd64\amd64match.S

match.S optimized version of longest_match()
based on the similar work by Gilles Vollant, and Brian Raiter, written 1998

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zlib1.2.11.tar.gz/zlib1.2.11.tar/zlib1.2.11/examples/zpipe.c

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@version 3.0 (December 2000)

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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FreeType font driver for pcf fonts

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <santoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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>>> pcre-8.41

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

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-------------------------------
Written by: Philip Hazel
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Email domain: cam.ac.uk

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

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machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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

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

e) Verify that the user has already received a copy of these
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which the executable runs, unless that component itself accompanies
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Version 2.0, January 2004
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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 * @return the name of the license
 */

String name();
```
/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */

String url() default "";

1.469 doxia-decoration-model 1.0
1.469.1 Available under license:

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1.470 api-ldap-codec-standalone 1.0.0-M20

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1.473 javax-json 1.1.2

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  jar/io/netty/handler/codec/compression/CompressionException.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/serialization/package-info.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/DecoderResult.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/base64/Base64Encoder.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/LengthFieldPrepender.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/serialization/ObjectDecoder.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/compression/JZlibDecoder.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/package-info.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/MessageToMessageCodec.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
  */opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/compression/ZlibEncoder.java
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 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
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jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permit/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
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  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /opt/cola/permits/1110674843_1606843036.76/0/netty-codec-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/ValueConverter.java

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/*
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* http://creativecommons.org/licenses/publicdomain
Utility class for {@link ByteBuf} that encodes and decodes to and from Base64 notation.

The encoding and decoding algorithm in this class has been derived from Robert Harder's Public Domain Base64 Encoder/Decoder.

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A decoder that splits the received `ByteBuf`s dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

[@link LengthFieldBasedFrameDecoder] has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.

### 2 bytes length field at offset 0, do not strip header

The value of the length field in this example is `12` (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```java
lengthFieldOffset    = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 0 (= do not strip header)
```

**BEFORE DECODE (14 bytes)       AFTER DECODE (14 bytes)**

<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

### 2 bytes length field at offset 0, strip header

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `2`, that is same with the length of the length field, to strip the first two bytes.

```java
initialBytesToStrip = 2
```

**BEFORE DECODE (14 bytes)       AFTER DECODE (12 bytes)**

* +----------------+    +----------------+
| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |
In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero lengthAdjustment. Because the length value in this example message is always greater than the body length by lengthAdjustment, we specify lengthAdjustment for compensation.

In most cases, the length field represents the length of the whole message.

The following message is a simple variation of the first example. An extra header value is prepended to the message. lengthAdjustment is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt=lengthAdjustment></tt> so that the decoder counts the extra
* header into the frame length calculation.

* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0

* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
  +----------+----------+----------------+      +----------+----------+----------------+
  |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
  | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO, WORLD" |
  +----------+----------+----------------+      +----------+----------+----------------+

* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt=lengthFieldOffset></tt> and the extra
* header affects the <tt=lengthAdjustment></tt>. We also specified a non-zero
* <tt=lengthFieldOffset</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt=lengthFieldOffset></tt> for <tt=lengthFieldOffset</tt>.

* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)

* BEFORE DECODE (16 bytes)                      AFTER DECODE (13 bytes)
  +-------------------------------+-------------------------------+
  | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  +-------------------------------+-------------------------------+

* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* &lt;b&gt;lengthAdjustment&lt;/b&gt;   = &lt;b&gt;-3&lt;/b&gt; (= the length of HDR1 + LEN, negative)
* &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;3&lt;/b&gt;
* 
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +--------+--------+----------------+      +--------+----------------+
* | HDR1   | Length  | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA   | 0x0010  | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +--------+--------+----------------+      +--------+----------------+
* </pre>
* @see LengthFieldPrepender
*/

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  jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
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* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
jar/org/jboss/marshalling/ByteBufferInput.java
* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
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* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
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* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
jar/org/jboss/marshalling/util/BooleanFieldPutter.java
* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
jar/org/jboss/marshalling/SimpleDataOutput.java
* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
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* /opt/ws_local/PERMITS_SQL/1069030080_1594476868.84/0/jboss-marshalling-1-4-11-final-sources-
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1.484 spring-web-mvc 5.2.2.RELEASE

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jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java

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/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * has been located. Users can specify a specific entry in the model via the
 * `setSourceKey` property or have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See `getSourceTypes()` here
 */
* for more details.
*<p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure [@link #setOutputProperties output properties]
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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jar/org/springframework/web/servlet/tags/Param.java
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/theme/FixedThemeResolver.java
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/resource/AppCacheManifestTransformer.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/view/tags/form/TagIdGenerator.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/mvc/AbstractUrlViewController.java
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java

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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
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* @author Rossen Stoyanchev
* @since 3.1
*/

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Manifest-Version: 1.0

Name: org/aspectj/lang/
Specification-Title: AspectJ Runtime Classes
Specification-Version: 1.6
Specification-Vendor: aspectj.org
Implementation-Title: org.aspectj.tools
Implementation-Version: 1.6.5
1.502 jcommon 1.0.16

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 */
package org.jfree.ui.about;

public class Contributor {

  /** The name. */
  private String name;

  /** The e-mail address. */
  private String email;

  /**
   * Creates a new contributor.
   *
   * @param name  the name.
   * @param email  the e-mail address.
   */
  public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
  }

  /**
   * Returns the contributor's name.
   *
   * @return the contributor's name.
   */
  public String getName() {
    return this.name;
  }

  /**
   * @author David Gilbert
   */
  public class Contributor {

  /*
   * A simple class representing a contributor to a software project.
   * <P>
   * Used in the AboutFrame class.
   *
   * @author David Gilbert
   */

  /** The name. */
  private String name;

  /** The e-mail address. */
  private String email;

  /**
   * Creates a new contributor.
   *
   * @param name  the name.
   * @param email  the e-mail address.
   */
  public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
  }

  /**
   * Returns the contributor's name.
   *
   * @return the contributor's name.
   */
  public String getName() {
    return this.name;
  }

  /**
* Returns the contributor's e-mail address.
* @return the contributor's e-mail address.
*/
public String getEmail() {
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* * $Id: Licences.java,v 1.4 2005/11/16 15:58:41 taqua Exp $
* * Changes
* * 26-Nov-2001 : Version 1 (DG);
package org.jfree.ui.about;

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 * Contains the full texts of the GNU General Public Licence and the GNU Lesser General Public
 * Licence.
 * <P>
 * These are used in the presentation of a standard 'About' frame.
 * 
 * @author David Gilbert
 */

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/** The GNU General Public Licence. */

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   "If you develop a new program, and you want it to be of the greatest possible use to 
   "the public, the best way to achieve this is to make it free software which everyone 
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   "\n"
   "To do so, attach the following notices to the program. It is safest to attach them to " 
   "the start of each source file to most effectively convey the exclusion of warranty; "
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+ "\n"
+ "<one line to give the program's name and a brief idea of what it does.>\n"
+ "Copyright (C) <year> <name of author>\n"
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+ "This program is free software; you can redistribute it and/or modify it under the "
+ "terms of the GNU General Public License as published by the Free Software Foundation; "
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+ "Also add information on how to contact you by electronic and paper mail.\n"
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+ "If the program is interactive, make it output a short notice like this when it starts "
+ "in an interactive mode:\n"
+ "\n"
+ "Gnomovision version 69, Copyright (C) <year> <name of author> Gnomovision comes with "
+ "ABSOLUTELY NO WARRANTY; for details type `show w'.\n"
+ "This is free software, and you are welcome to redistribute it under certain "
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+ "\n"
+ "The hypothetical commands `show w' and `show c' should show the appropriate parts of "
+ "the General Public License. Of course, the commands you use may be called something "
+ "other than `show w' and `show c'; they could even be mouse-clicks or menu items"
+ "--whatever suits your program.\n"
+ "\n"
+ "You should also get your employer (if you work as a programmer) or your school, if "
+ "any, to sign a "copyright disclaimer" for the program, if necessary. Here is a "
+ "sample; alter the names:\n"
+ "\n"
+ "Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' "
+ "(which makes passes at compilers) written by James Hacker.\n"
+ "\n"
+ "<signature of Ty Coon>, 1 April 1989\n"
+ "Ty Coon, President of Vice\n"
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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+ "must include the copyright notice for the Library among them, as well as a reference "
+ "directing the user to the copy of this License. Also, you must do one of these "
+ "things:
"
+ "un"
+ "#  a) Accompany the work with the complete corresponding machine-readable source "
+ "code for the Library including whatever changes were used in the work (which must be "
+ "distributed under Sections 1 and 2 above); and, if the work is an executable linked "
+ "with the Library, with the complete machine-readable "work that uses the Library\"", "
+ "as object code and/or source code, so that the user can modify the Library and then "
+ "relink to produce a modified executable containing the modified Library. (It is "
+ "understood that the user who changes the contents of definitions files in the Library "
+ "will not necessarily be able to recompile the application to use the modified "
+ "definitions.)"
+ "un"
+ "#  b) Use a suitable shared library mechanism for linking with the Library. A "
+ "suitable mechanism is one that (1) uses at run time a copy of the library already "
+ "present on the user's computer system, rather than copying library functions into the "
+ "executable, and (2) will operate properly with a modified version of the library, if "
+ "the user installs one, as long as the modified version is interface-compatible with "
+ "the version that the work was made with."
+ "un"
+ "#  c) Accompany the work with a written offer, valid for at least three years, to "
+ "give the same user the materials specified in Subsection 6a, above, for a charge no "
+ "more than the cost of performing this distribution."
+ "un"
+ "#  d) If distribution of the work is made by offering access to copy from a "
+ "designated place, offer equivalent access to copy the above specified materials from "
+ "the same place."
+ "un"
+ "#  e) Verify that the user has already received a copy of these materials or that "
+ "you have already sent this user a copy."
+ "un"
+ "For an executable, the required form of the "work that uses the Library\” must "
+ "include any data and utility programs needed for reproducing the executable from it. "
+ "However, as a special exception, the materials to be distributed need not include "
+ "anything that is normally distributed (in either source or binary form) with the major "
+ "components (compiler, kernel, and so on) of the operating system on which the "
+ "executable runs, unless that component itself accompanies the executable."
+ "un"
+ "It may happen that this requirement contradicts the license restrictions of other "
+ "proprietary libraries that do not normally accompany the operating system. Such a "
+ "contradiction means you cannot use both them and the Library together in an executable "
+ "that you distribute."
+ "un"
+ "7. You may place library facilities that are a work based on the Library side-by-side "
+ "in a single library together with other library facilities not covered by this "
+ "License, and distribute such a combined library, provided that the separate "
+ "distribution of the work based on the Library and of the other library facilities is "
+ "otherwise permitted, and provided that you do these two things:
"
a) Accompany the combined library with a copy of the same work based on the "Library, uncombined with any other library facilities. This must be distributed under "the terms of the Sections above."

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+ "\n"
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/** The singleton instance of this class. */
private static Licences singleton;

/**
 * Returns a reference to this class.
 *
 * @return the instance reference.
 */
public static Licences getInstance() {
    if (singleton == null) {
        singleton = new Licences();
    }
    return singleton;
}

/**
 * Returns the GPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 *
 * @return the GPL licence text.
 */
public String getGPL() {
    return GPL;
}

/**
 * Returns the LGPL text in a non static way to prevent the compiler
 * to copy the contents of the field.
 *
 * @return the LGPL licence text.
 */
public String getLGPL() {
    return LGPL;
1.503 opensaml-saml-api 3.3.0

1.504 maven-repository-metadata 2.0.9

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1.506 wildfly-core-management-client

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1.512 bcmail-jdk15on 1.60

1.513 scala-logging_2.12 3.9.2

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* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/ReadOnlyHttpHeaders.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/server/reactive/AbstractListenerWriteProcessor.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/context/request/async/WebAsyncManager.java
Open Source Used In Data Center Network Manager 11.5(1) 4784
No license file was found, but licenses were detected in source scan.

/*
 * Copyright 2002-2019 the original author or authors.
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 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

/**
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
 * for more details.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-
jar/org/springframework/web/server/ServerWebExchange.java

No license file was found, but licenses were detected in source scan.

# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
#
# MIME type (lowercased)Extensions
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+zip
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
application/cdmi-capability
cdmi
application/cdmi-container
application/cdmi-domain
application/cdmi-object
application/cdmi-queue
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+json
# application/commonground
# application/conference-info+xml
# application/cpl+xml
# application/csrattrs
# application/csta+xml
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# application/csta+xml
# application/csvdata+xml
application/cu-seeme
cu
# application/cybercash
# application/dash+xml
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# application/dskpp+xml
application/dssc+der
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# application/dvcs
application/ecmascript
# application/edi-consent
# application/edi-x12
# application/edifact
# application/efi
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# application/emergencycaldata.providerinfo+xml
# application/emergencycaldata.serviceinfo+xml
# application/emergencycaldata.subscriberinfo+xml
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application/epub+zip
dpepub
# application/eshop
# application/example
application/exi
# application/mpeg4-iod-xmt
# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword
dot doc
application/mxf
mxf
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsm+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-stream
bin dms lrf mar so distz pkg bpk dump elc deploy
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dot oda
# application/odx
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7m p7c
application/pkcs7-signature
7s
application/pkcs8
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pkix-pkipath
application/pkixcmp
pkix
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application/postscriptai eps ps
# application/ppsp-tracker+xml
application/set-payment-initiation=pay
# application/set-registration
application/set-registration-initiation=setreg
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# application/simple-filter+xml
# application/simple-message-summary
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# application/slate
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application/smil+xml=smil
# application/smpte336m
# application/soap+fastinfoset
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# application/tamp-apex-update-confirm
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# application/tamp-community-update-confirm
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# application/tamp-sequence-adjust-confirm
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application/vnd.aristanetworks.swi
# application/vnd.artsquare
application/vnd.astreaa-softw.inta
application/vnd.audiograph
# application/vnd.autopackage
# application/vnd.avistar+xml
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# application/vnd.collection.next+json
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  jar/org/springframework/http/mime.types
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  jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java
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  jar/org/springframework/http/client/Netty4ClientHttpResponse.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/bind/support/SessionAttributeStore.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/bind/MethodArgumentNotValidException.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/http/client/HttpComponentsStreamingClientHttpRequest.java
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* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/context/request/RequestAttributes.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/bind/ServletRequestUtils.java
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* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/server/HttpAsyncRequestControl.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1-jar/org/springframework/web/server/AsyncRequestUtils.java

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* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/context/request/WebRequest.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/client/support/AllEncompassingFormHttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/server/DefaultRequestPath.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/method/annotation/AbstractNamedValueMethodArgumentResolver.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/server/UnsupportedMediaTypeStatusException.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/client/ExtractingResponseErrorHandler.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/util/ServletContextPropertyUtils.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/util/CookieGenerator.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/server/UnsupportedMediaTypeStatusException.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/context/ServletContextAware.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/web/context/request/WebRequest.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/client/BufferingClientHttpRequestFactory.java
* /opt/ws_local/PERMITS_SQL/1068290190_1594346837.78/0/spring-web-5-2-2-release-sources-1.jar/org/springframework/http/convertor/xml/AbstractXmlHttpMessageConverter.java
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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### 1.516 junit 4.11

### 1.517 resteasy-atom-provider 3.6.1.Final

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  jar/org/springframework/test/AbstractTransactionalSpringContextTests.java
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* /opt/cola/permits/1110676691_1606844023.19/0/spring-test-3-0-0-release-sources-1-
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*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/DoubleMemberValue.java
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*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/Annotation.java
*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/ClassMemberValue.java
*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/MemberValueVisitor.java
*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/LongMemberValue.java
*/opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/StringMemberValue.java
No license file was found, but licenses were detected in source scan.

/*
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* License.
* */

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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/MemberResolver.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/FieldDecl.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/analysis/Executor.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/ast/FieldDecl.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/ClassFilePrinter.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/compiler/NoFieldException.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/URLClassPath.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-jar/javassist/tools/rmi/AppletServer.java
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* /opt/cola/permits/1110631093_1606841297.59/0/javassist-3-22-0-cr2-sources-2-
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<td>NotFoundException.java file</td>
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## 1.551 icu 54
### 1.551.1 Available under license :

```
## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Copyright (c) 1999-2013, International Business Machines Corporation and
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,
```
## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%:o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%:o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%:d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \n | sed "s/([^@]*).o[ :]*@/\1.o $@ : /g" > $@; \n [ -s $@ ] || rm -f $@'
%:d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n | sed "s/([^@]*).o[ :]*@/\1.o $@ : /g" > $@; \n [ -s $@ ] || rm -f $@'

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
# Dependencies [i.e. map files] for the final library

BIR_DEPS=

## Remove shared library 's'

STATIC_PREFIX_WHEN_USED =

STATIC_PREFIX =

## End BSD-specific setup

1.552 ruamel-yaml 0.15.97

1.552.1 Available under license :

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1.553 libxau 1.0.8-2.1.el7

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1.554 commons-lang3 3.8.1

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

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

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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

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

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

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
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org.eclipse.jetty.toolchain:jetty-schemas
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1.566 jline-reader 3.10.0

1.567 logrus 1.7.0
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1.571 coreutils 8.22 24.el7
1.571.1 Available under license:
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/* Extracted from chown.c/chgrp.c and librarified by Jim Meyering. */

#include <config.h>
#include <stdio.h>
#include <sys/types.h>
#include <pwd.h>
#include <grp.h>

#include "system.h"
#include "chown-core.h"
#include "error.h"
#include "ignore-value.h"
#include "quote.h"
#include "root-dev-ino.h"
#include "xfts.h"

#define FTSENT_IS_DIRECTORY(E)\
    ((E)->fts_info == FTS_D\n     || (E)->fts_info == FTS_DC\n     || (E)->fts_info == FTS_DP\n     || (E)->fts_info == FTS_DNR)

enum RCH_status
{
    /* we called fchown and close, and both succeeded */
    RC_ok = 2,

    /* required_uid and/or required_gid are specified, but don't match */
    RC_excluded,

    /* SAME_INODE check failed */
    RC_inode_changed,

    /* open/fchown isn't needed, isn't safe, or doesn't work due to permissions problems; fall back on chown */
    RC_do_ordinary_chown,

    /* open, fstat, fchown, or close failed */
    RC_error
};

extern void
chopt_init (struct Chown_option *chopt)
{
    chopt->verbosity = V_off;
    chopt->root_dev_ino = NULL;
    chopt->affect_symlink_referent = true;
    chopt->recurse = false;
    chopt->force_silent = false;
    chopt->user_name = NULL;
    chopt->group_name = NULL;
}

extern void
chopt_free (struct Chown_option *chopt _GL_UNUSED)
{
    /* Deliberately do not free chopt->user_name or ->group_name.
       They're not always allocated. */
}

/* Convert the numeric group-id, GID, to a string stored in xmalloc'd memory,
   and return it. If there's no corresponding group name, use the decimal
   representation of the ID. */

extern char *
gid_to_name (gid_t gid)
{
    char buf[INT_BUFSIZE_BOUND (intmax_t)];
    struct group *grp = getgrgid (gid);
    return xstrdup (grp ? grp->gr_name
                      : TYPE_SIGNED (gid_t) ? imaxtostr (gid, buf)
                      : umaxtostr (gid, buf));
}

/* Convert the numeric user-id, UID, to a string stored in xmalloc'd memory,
   and return it. If there's no corresponding user name, use the decimal
   representation of the ID. */

extern char *
uid_to_name (uid_t uid)
{
    char buf[INT_BUFSIZE_BOUND (intmax_t)];
    struct passwd *pwd = getpwuid (uid);
    return xstrdup (pwd ? pwd->pw_name
                      : TYPE_SIGNED (uid_t) ? imaxtostr (uid, buf)
                      : umaxtostr (uid, buf));
}

/* Allocate a string representing USER and GROUP. */
static char *
user_group_str (char const *user, char const *group)
{
    char *spec = NULL;

    if (user)
    {
        if (group)
        {
            spec = xmalloc (strlen (user) + 1 + strlen (group) + 1);
            stpcpy (stpcpy (stpcpy (spec, user), ":"), group);
        }
        else
        {
            spec = xstrdup (user);
        }
    }
    else if (group)
    {
        spec = xstrdup (group);
    }

    return spec;
}

/* Tell the user how/if the user and group of FILE have been changed.
If USER is NULL, give the group-oriented messages.
CHANGED describes what (if anything) has happened. */

static void
describe_change (const char *file, enum Change_status changed,
char const *old_user, char const *old_group,
char const *user, char const *group)
{
    const char *fmt;
    char *old_spec;
    char *spec;

    if (changed == CH_NOT_APPLIED)
    {
        printf (_("neither symbolic link \%s nor referent has been changed\n"),
            quote (file));
        return;
    }

    spec = user_group_str (user, group);
    old_spec = user_group_str (user ? old_user : NULL, group ? old_group : NULL);
switch (changed)
{
    case CH_SUCCEEDED:
        fmt = (user ? _("changed ownership of %s from %s to %s\n")
            : group ? _("changed group of %s from %s to %s\n")
            : _("no change to ownership of %s\n"));
        break;
    case CH_FAILED:
        if (old_spec)
            {
                fmt = (user ? _("failed to change ownership of %s from %s to %s\n")
                    : group ? _("failed to change group of %s from %s to %s\n")
                    : _("failed to change ownership of %s\n"));
                } else
                    {
                        fmt = (user ? _("failed to change ownership of %s to %s\n")
                            : group ? _("failed to change group of %s to %s\n")
                            : _("failed to change ownership of %s\n"));
                        free (old_spec);
                        old_spec = spec;
                        spec = NULL;
                    }
        break;
    case CH_NO_CHANGE_REQUESTED:
        fmt = (user ? _("ownership of %s retained as %s\n")
            : group ? _("group of %s retained as %s\n")
            : _("ownership of %s retained\n"));
        break;
    default:
        abort();
}

printf (fmt, quote (file), old_spec, spec);

free (old_spec);
free (spec);
}

/* Change the owner and/or group of the FILE to UID and/or GID (safely)
only if REQUIRED_UID and REQUIRED_GID match the owner and group IDs
of FILE. ORIG_ST must be the result of ‘stat’ing FILE.

The ‘safely’ part above means that we can’t simply use chown(2),
since FILE might be replaced with some other file between the time
of the preceding stat/lstat and this chown call. So here we open
FILE and do everything else via the resulting file descriptor.
We first call fstat and verify that the dev/inode match those from
the preceding stat call, and only then, if appropriate (given the required_uid and required_gid constraints) do we call fchown.

Return RC_do_ordinary_chown if we can’t open FILE, or if FILE is a special file that might have undesirable side effects when opening. In this case the caller can use the less-safe ordinary chown.

Return one of the RCH_status values. */

static enum RCH_status
restricted_chown (int cwd_fd, char const *file,
struct stat const *orig_st,
uid_t uid, gid_t gid,
uid_t required_uid, gid_t required_gid)
{
enum RCH_status status = RC_ok;
struct stat st;
int open_flags = O_NONBLOCK | O_NOCTTY;
int fd;

if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1)
  return RC_do_ordinary_chown;

if (! S_ISREG (orig_st->st_mode))
{
  if (S_ISDIR (orig_st->st_mode))
    open_flags |= O_DIRECTORY;
  else
    return RC_do_ordinary_chown;
}

fd = openat (cwd_fd, file, O_RDONLY | open_flags);
if (! (0 <= fd
  || (errno == EACCES && S_ISREG (orig_st->st_mode)
    && 0 <= (fd = openat (cwd_fd, file, O_WRONLY | open_flags))))))
  return (errno == EACCES ? RC_do_ordinary_chown : RC_error);

if (fstat (fd, &st) != 0)
  status = RC_error;
else if (! SAME_INODE (*orig_st, st))
  status = RC_inode_changed;
else if ((required_uid == (uid_t) -1 || required_uid == st.st_uid)
  && (required_gid == (gid_t) -1 || required_gid == st.st_gid))
  
  if (fchown (fd, uid, gid) == 0)
  
  status = (close (fd) == 0
    ? RC_ok : RC_error);
int saved_errno = errno;
close (fd);
errno = saved_errno;
return status;
}

/* Change the owner and/or group of the file specified by FTS and ENT
to UID and/or GID as appropriate.
If REQUIRED_UID is not -1, then skip files with any other user ID.
If REQUIRED_GID is not -1, then skip files with any other group ID.
CHOPT specifies additional options.
Return true if successful. */
static bool
change_file_owner (FTS *fts, FTSENT *ent,
                   uid_t uid, gid_t gid,
                   uid_t required_uid, gid_t required_gid,
                   struct Chown_option const *chopt)
{
  char const *file_full_name = ent->fts_path;
  char const *file = ent->fts_accpath;
  struct stat const *file_stats;
  struct stat stat_buf;
  bool ok = true;
  bool do_chown;
  bool symlink_changed = true;

  switch (ent->fts_info)
  {
    case FTS_D:
      if (chopt->recurse)
      {
        if (ROOT_DEV_INO_CHECK (chopt->root_dev_ino, ent->fts_statp))
        {
          /* This happens e.g., with "chown -R --preserve-root 0/"
           and with "chown -RH --preserve-root 0 symlink-to-root". */
          ROOT_DEV_INO_WARN (file_full_name);
          /* Tell fts not to traverse into this hierarchy. */
          fts_set (fts, ent, FTS_SKIP);
          /* Ensure that we do not process "/" on the second visit. */
          ignore_value (fts_read (fts));
        }
        /* This happens e.g., with "chown -R --preserve-root 0/"
         and with "chown -RH --preserve-root 0 symlink-to-root". */
        ROOT_DEV_INO_WARN (file_full_name);
        /* Tell fts not to traverse into this hierarchy. */
        fts_set (fts, ent, FTS_SKIP);
        /* Ensure that we do not process "/" on the second visit. */
        ignore_value (fts_read (fts));
      }
      break;
    
    default:
      break;
  }
  return ok;
}
return false;
}
return true;
}
break;

case FTS_DP:
if (! chopt->recurse)
    return true;
break;

case FTS_NS:
    /* For a top-level file or directory, this FTS_NS (stat failed)
       indicator is determined at the time of the initial fts_open call.
       With programs like chmod, chown, and chgrp, that modify
       permissions, it is possible that the file in question is
       accessible when control reaches this point. So, if this is
       the first time we've seen the FTS_NS for this file, tell
       fts_read to stat it "again". */
if (ent->fts_level == 0 && ent->fts_number == 0)
{
    ent->fts_number = 1;
    fts_set (fts, ent, FTS_AGAIN);
    return true;
}
if (! chopt->force_silent)
    error (0, ent->fts_errno, _("cannot access %s"),
            quote (file_full_name));
ok = false;
break;

case FTS_ERR:
    if (! chopt->force_silent)
        error (0, ent->fts_errno, _("cannot read directory %s"),
                quote (file_full_name));
ok = false;
break;

case FTS_DNR:
    if (! chopt->force_silent)
        error (0, ent->fts_errno, _("cannot read directory %s"),
                quote (file_full_name));
ok = false;
break;

case FTS_DC:
    /* directory that causes cycles */
    if (cycle_warning_required (fts, ent))
    {
        emit_cycle_warning (file_full_name);
return false;

break;

default:
break;
}

if (!ok)
{
    do_chown = false;
    file_stats = NULL;
}
else if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1
    && chopt->verbosity == V_off
    && ! chopt->root_dev_ino
    && ! chopt->affect_symlink_referent)
{
    do_chown = true;
    file_stats = ent->fts_statp;
}
else
{
    file_stats = ent->fts_statp;

    /* If this is a symlink and we're dereferencing them, 
       stat it to get info on the referent. */
    if (chopt->affect_symlink_referent && S_ISLNK (file_stats->st_mode))
    {
        if (fstatat (fts->fts_cwd_fd, file, &stat_buf, 0) != 0)
        {
            if (! chopt->force_silent)
                error (0, errno, _("cannot dereference %s"),
                       quote (file_full_name));
            ok = false;
        }

        file_stats = &stat_buf;
    }

    do_chown = (ok
    && (required_uid == (uid_t) -1
        || required_uid == file_stats->st_uid)
    && (required_gid == (gid_t) -1
        || required_gid == file_stats->st_gid));
}

/* This happens when chown -LR --preserve-root encounters a symlink-to-/.
   */
if (ok
    && FTSENT_IS_DIRECTORY (ent)
    && ROOT_DEV_INO_CHECK (chopt->root_dev_ino, file_stats))
{
    ROOT_DEV_INO_WARN (file_full_name);
    return false;
}

if (do_chown)
{
    if ( ! chopt->affect_symlink_referent)
    {
        ok = (lchownat (fts->fts_cwd_fd, file, uid, gid) == 0);

        /* Ignore any error due to lack of support; POSIX requires
         * this behavior for top-level symbolic links with -h, and
         * implies that it's required for all symbolic links. */
        if (!ok && errno == EOPNOTSUPP)
        {
            ok = true;
            symlink_changed = false;
        }
    }
    else
    {
        /* If possible, avoid a race condition with --from=O:G and without the
         * (-h) --no-dereference option. If fts's stat call determined
         * that the uid/gid of FILE matched the --from=O:G-selected
         * owner and group IDs, blindly using chown(2) here could lead
         * chown(1) or chgrp(1) mistakenly to dereference a *symlink*
         * to an arbitrary file that an attacker had moved into the
         * place of FILE during the window between the stat and
         * chown(2) calls. If FILE is a regular file or a directory
         * that can be opened, this race condition can be avoided safely. */

        enum RCH_status err
            = restricted_chown (fts->fts_cwd_fd, file, file_stats, uid, gid,
                required_uid, required_gid);

        switch (err)
        {
            case RC_ok:
                break;

            case RC_do_ordinary_chown:
                ok = (chownat (fts->fts_cwd_fd, file, uid, gid) == 0);
                break;

            case RC_error:
ok = false;
break;

case RC_inode_changed:
    /* FIXME: give a diagnostic in this case? */
    case RC_excluded:
        do_chown = false;
        ok = false;
        break;

default:
    abort ();
    }

/* On some systems (e.g., GNU/Linux 2.4.x),
the chown function resets the 'special' permission bits.
Do *not* restore those bits; doing so would open a window in
which a malicious user, M, could subvert a chown command run
by some other user and operating on files in a directory
where M has write access. */

if (do_chown && !ok && ! chopt->force_silent)
    error (0, errno, (uid != (uid_t) -1
        ? _("changing ownership of %s")
        : _("changing group of %s")),
    quote (file_full_name));
}

if (chopt->verbosity != V_off)
{
    bool changed =
        ((do_chown && ok && symlink_changed)
        && ! ((uid == (uid_t) -1 || uid == file_stats->st_uid)
            && (gid == (gid_t) -1 || gid == file_stats->st_gid)));

if (changed || chopt->verbosity == V_high)
{
    enum Change_status ch_status =
        (!ok ? CH_FAILED
            : !symlink_changed ? CH_NOT_APPLIED
            : !changed ? CH_NO_CHANGE_REQUESTED
            : CH_SUCCEEDED);
    char *old_usr = file_stats ? uid_to_name (file_stats->st_uid) : NULL;
    char *old_grp = file_stats ? gid_to_name (file_stats->st_gid) : NULL;
    describe_change (file_full_name, ch_status,
        old_usr, old_grp,
        chopt->user_name, chopt->group_name);
extern bool chown_files (char **files, int bit_flags, uid_t uid, gid_t gid, uid_t required_uid, gid_t required_gid, struct Chown_option const *chopt)
{
bool ok = true;

/* Use lstat and stat only if they’re needed. */
int stat_flags = ((required_uid != (uid_t) -1 || required_gid != (gid_t) -1 ||
chopt->affect_symlink_referent || chopt->verbosity != V_off)
? 0 : FTS_NOSTAT);

FTS *fts = xfts_open (files, bit_flags | stat_flags, NULL);

while (1)
{
FTSENT *ent;

ent = fts_read (fts);
if (ent == NULL)
{
if (errno != 0)
{
/* FIXME: try to give a better message */
if (! chopt->force_silent)
error (0, errno, "fts_read failed");
ok = false;
}
break;
}

ok &= change_file_owner (fts, ent, uid, gid, 
required_uid, required_gid, chopt);
}

if (fts_close (fts) != 0)
{
    error (0, errno, "fts_close failed");
    ok = false;
}

return ok;

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1.579 gnome-menus 3.13.3-3.el7

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* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-
  jar/org/springframework/web/jsf/WebApplicationContextVariableResolver.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-
  jar/org/springframework/web/bind/support/DefaultSessionAttributeStore.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-
  jar/org/springframework/web/bind/annotation/InitBinder.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-
  jar/org/springframework/web/bind/support/SimpleSessionStatus.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-
jar/org/springframework/web/bind/annotation/ModelAttribute.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/util/HttpSessionMutexListener.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/context/request/SessionScope.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/bind/support/SessionAttributeStore.java
* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/HttpRequestHandler.java
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* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/jsf/el/WebApplicationContextFacesELResolver.java
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* /opt/cola/permits/1110675613_1606843493.96/0/spring-web-3-0-7-release-sources-2-jar/org/springframework/web/context/request/RequestScope.java

1.601 jackson-dataformat-cbor 2.8.11

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org.wildfly.httpclient.transaction.HttpRemoteTransactionProvider

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1.605 core 2.3.0-b10

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* /opt/cola/permits/110677150_1606843366.46/0/wildfly-http-ejb-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/ejb/EjbHeaders.java

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 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
 * Base64 Encoder/Decoder</a>.
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* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java

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* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1.jar/io/netty/handler/codec/string/LineSeparator.java

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A decoder that splits the received ByteBufs dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

LengthFieldBasedFrameDecoder has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.

The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

2 bytes length field at offset 0, do not strip header

The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

2 bytes length field at offset 0, strip header

Because we can get the length of the content by calling ByteBuf#readableBytes(), you might want to strip the length field by specifying initialBytesToStrip. In this example, we specified 2, that is same with the length of the length field, to strip the first two bytes.
In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero lengthAdjustment. Because the length value in this example message is always greater than the body length by 2, we specify -2 for compensation.

Before decode (14 bytes)         After decode (14 bytes)
| Length | Actual Content |------| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |

BEFORE DECODE (17 bytes)          AFTER DECODE (17 bytes)
| Length | Actual Content |------| Length | Actual Content |
| 0xCAFE | 0x00000C | "HELLO, WORLD" |      | 0xCAFE | 0x00000C | "HELLO, WORLD" |

The following message is a simple variation of the first example. An extra header value is prepended to the message. lengthAdjustment is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

Before decode (17 bytes)         After decode (17 bytes)
| Length | Actual Content |------| Length | Actual Content |
| 0xCAFE | 0x00000C | "HELLO, WORLD" |      | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive &lt;tt&gt;lengthAdjustment&lt;/tt&gt; so that the decoder counts the extra
* header into the frame length calculation.
* &lt;pre&gt;
* lengthFieldOffset = 0
* lengthFieldLength = 3
* &lt;b&gt;lengthAdjustment&lt;/b&gt; = &lt;b&gt;2&lt;/b&gt; (= the length of Header 1)
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* &lt;/pre&gt;
* 
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the &lt;tt&gt;lengthFieldOffset&lt;/tt&gt; and the extra
* header affects the &lt;tt&gt;lengthAdjustment&lt;/tt&gt;. We also specified a non-zero
* &lt;tt&gt;initialBytesToStrip&lt;/tt&gt; to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify &lt;tt&gt;0&lt;/tt&gt; for &lt;tt&gt;initialBytesToSkip&lt;/tt&gt;.
* &lt;pre&gt;
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* &lt;b&gt;lengthAdjustment&lt;/b&gt; = &lt;b&gt;1&lt;/b&gt; (= the length of HDR2)
* &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;3&lt;/b&gt; (= the length of HDR1 + LEN)
* 
* BEFORE DECODE (16 bytes)                      AFTER DECODE (13 bytes)
* +-----------+----------+-----------+          +-----------+-----------+          
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +-----------+----------+-----------+          +-----------+-----------+          
* &lt;/pre&gt;
* 
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into `<tt>lengthAdjustment</tt>`.
* Please note that we don’t need to take the length of HDR2 into account
* because the length field already includes the whole header length.

```plaintext
* lengthFieldOffset   = 1
* lengthFieldLength   = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +-----------------------+-----------------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |       | 0xFE | "HELLO, WORLD" |
* +-----------------------+-----------------------+
```

* @see LengthFieldPrepender

*/

Found in path(s):

* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* Utility class for [@link ByteBuf] that encodes and decodes to and from
* @a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
Robert Harder's Public Domain Base64 Encoder/Decoder

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Anton Mitrofanov <BugMaster@narod.ru>
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jar/org/jboss/vfs/util/SuffixesExcludeFilter.java
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* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
  jar/org/jboss/vfs/util/SuffixMatchFilter.java
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  jar/org/jboss/vfs/VirtualFileFilter.java
* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
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* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
  jar/org/jboss/vfs/protocol/AbstractLocalURLStreamHandler.java
* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
  jar/org/jboss/vfs/protocol/AbstractURLConnection.java
* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
  jar/org/jboss/vfs/protocol/FileURLStreamHandler.java
* /opt/cola/permits/1110676322_1606843154.35/0/jboss-vfs-3-2-14-final-sources-1-
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1.621 jersey-client 2.12

1.622 castor-core 1.3.3
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1.623 crimson 1.1.3

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A. HISTORY OF THE SOFTWARE

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

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

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

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1.650 clutter-gtk 1.8.4-1.el7

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1.651 jaxen 1.1.6

1.652 jakarta-validation-api 2.0.2
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.655 diffutils 3.3 5.el7
1.655.1 Available under license:

From RPM File Metadata:GPLv3+

/* diff - compare files line by line


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#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progsname.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"

#define AUTHORS
   proper_name ("Paul Eggert"), \n   proper_name ("Mike Haertel"), \n   proper_name ("David Hayes"), \n   proper_name ("Richard Stallman"), \n   proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
#define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
    char *regexps;/* chars representing disjunction of the regexps */
    size_t len;/* chars used in 'regexps' */
    size_t size;/* size malloc'ed for 'regexps'; 0 if not malloc'ed */
    bool multiple_regexps;/* Does 'regexps' represent a disjunction? */
    struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). */
static bool binary;
#else
enum { binary = true };
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty */
/* (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s). */
/* Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =
"0123456789abCcC:dD:efF:hiI:ll:L:nnpqrsStTuU:vWW:X:xYyZ";

/* Values for long options that do not have single-letter equivalents. */
enum {
  BINARY_OPTION = CHAR_MAX + 1,
  FROM_FILE_OPTION,
  HELP_OPTION,
  HORIZON_LINES_OPTION,
  IGNORE_FILE_NAME_CASE_OPTION,
  INHIBIT_HUNK_MERGE_OPTION,
  LEFT_COLUMN_OPTION,
  LINE_FORMAT_OPTION,
  NO_DEREFERENCE_OPTION,
  NO_IGNORE_FILE_NAME_CASE_OPTION,
  NORMAL_OPTION,
  SDIFF_MERGE_ASSIST_OPTION,
  STRIP_TRAILING_CR_OPTION,
  SUPPRESS_BLANK_EMPTY_OPTION,
  SUPPRESS_COMMON_LINES_OPTION,
  TABSIZE_OPTION,
  TO_FILE_OPTION,

  /* These options must be in sequence. */
}
UNCHANGED_LINE_FORMAT_OPTION,
OLD_LINE_FORMAT_OPTION,
NEW_LINE_FORMAT_OPTION,

/* These options must be in sequence. */
UNCHANGED_GROUP_FORMAT_OPTION,
OLD_GROUP_FORMAT_OPTION,
NEW_GROUP_FORMAT_OPTION,
CHANGED_GROUP_FORMAT_OPTION
};

static char const group_format_option[4][sizeof "--unchanged-group-format"] =
{
    "--unchanged-group-format",
    "--old-group-format",
    "--new-group-format",
    "--changed-group-format"
};

static char const line_format_option[3][sizeof "--unchanged-line-format"] =
{
    "--unchanged-line-format",
    "--old-line-format",
    "--new-line-format"
};

static struct option const longopts[] =
{
    {"binary", 0, 0, BINARY_OPTION},
    {"brief", 0, 0, 'q'},
    {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
    {"context", 2, 0, 'C'},
    {"ed", 0, 0, 'e'},
    {"exclude", 1, 0, 'x'},
    {"exclude-from", 1, 0, 'X'},
    {"expand-tabs", 0, 0, 't'},
    {"forward-ed", 0, 0, 'f'},
    {"from-file", 1, 0, FROM_FILE_OPTION},
    {"help", 0, 0, HELP_OPTION},
    {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
    {"ifdef", 1, 0, 'D'},
    {"ignore-all-space", 0, 0, 'w'},
    {"ignore-blank-lines", 0, 0, 'B'},
    {"ignore-case", 0, 0, 'i'},
    {"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
    {"ignore-matching-lines", 1, 0, 't'},
    {"ignore-space-change", 0, 0, 'b'},
    {"ignore-tab-expansion", 0, 0, 'E'},
    {"leader", 0, 0, 'l'}
};
/* Return a string containing the command options with which diff was invoked.
Spaces appear between what were separate ARGV-elements.
There is a space at the beginning but none at the end.
If there were no options, the result is an empty string.

Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT,
the length of that vector. */
static char *
option_list (char **optionvec, int count)
{
    int i;
    size_t size = 1;
    char *result;
    char *p;

    for (i = 0; i < count; i++)
        size += 1 + shell_quote_length (optionvec[i]);

    p = result = xmalloc (size);

    for (i = 0; i < count; i++)
    {
        *p++ = ' '; 
        p = shell_quote_copy (p, optionvec[i]);
    }

    *p = '\0';
    return result;
}

/* Return an option value suitable for add_exclude. */

static int
exclude_options (void)
{
    return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
    int exit_status = EXIT_SUCCESS;
    int c;
    int i;
    int prev = -1;
    lin ocontext = -1;
    bool explicit_context = false;
    size_t width = 0;
    bool show_c_function = false;
    char const *from_file = NULL;
    char const *to_file = NULL;
    uintmax_t numval;
    char *numend;
/* Do our initializations. */
exit_failure = EXIT_TROUBLE;
initialize_main (&argc, &argv);
set_program_name (argv[0]);
setlocale (LC_ALL, "");
bindtextdomain (PACKAGE, LOCALEDIR);
textdomain (PACKAGE);
c_stack_action (0);
function_regexp_list.buf = &function_regexp;
ignore_regexp_list.buf = &ignore_regexp;
re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
excluded = new_exclude ();

/* Decode the options. */

while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
{
    switch (c)
    {
    case 0:
        break;
    case '0':
    case '1':
    case '2':
    case '3':
    case '4':
    case '5':
    case '6':
    case '7':
    case '8':
    case '9':
    if (! ISDIGIT (prev))
        ocontext = c - '0';
    else if (LIN_MAX / 10 < ocontext
             || ((ocontext = 10 * ocontext + c - '0') < 0))
        ocontext = LIN_MAX;
        break;
    case 'a':
        text = true;
        break;
    case 'b':
        if (ignore_white_space < IGNORE_SPACE_CHANGE)
            ignore_white_space = IGNORE_SPACE_CHANGE;
        break;
case 'Z':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TRAILING_SPACE;
    break;

    case 'B':
        ignore_blank_lines = true;
        break;

    case 'C':
    case 'U':
    {
        if (optarg)
            {
                numval = strtoumax (optarg, &numend, 10);
                if (*numend)
                    try_help ("invalid context length \"%s\"", optarg);
                if (LIN_MAX < numval)
                    numval = LIN_MAX;
            }
        else
            numval = 3;
        specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
        if (context < numval)
            context = numval;
        explicit_context = true;
    }
    break;

    case 'c':
        specify_style (OUTPUT_CONTEXT);
        if (context < 3)
            context = 3;
        break;

    case 'd':
        minimal = true;
        break;

    case 'D':
        specify_style (OUTPUT_IFDEF);
        {
            static char const C_ifdef_group_formats[] =
                "%%=%c#ifndef %s
%%<#endif /* ! %s */
%c#ifdef %s
%%>#endif /* %s */
%c#ifndef %s
%%<#else /* %s */
%%>#endif /* %s */
   .char *b = xmalloc (sizeof C_ifdef_group_formats
        + 7 * strlen (optarg) - 14 /* 7*"%s" */

-8/*5*"%"%"%"3*"e*"*/);
sprintf (b, C_ifdef_group_formats,
optarg, optarg, 0,
optarg, optarg, 0,
optarg, optarg, optarg);
for (i = 0; i < sizeof group_format / sizeof group_format[0]; i++)
{
specify_value (&group_format[i], b, "-D");
b += strlen (b) + 1;
}
break;
case 'e':
specify_style (OUTPUT_ED);
break;
case 'E':
if (ignore_white_space < IGNORE_SPACE_CHANGE)
    ignore_white_space |= IGNORE_TAB_EXPANSION;
break;
case 'T':
specify_style (OUTPUT_FORWARD_ED);
break;
case 'F':
add_regexp (&function_regexp_list, optarg);
break;
case 'h':
    /* Split the files into chunks for faster processing.
       Usually does not change the result.
       This currently has no effect. */
    break;
case 'H':
speed_large_files = true;
    break;
case 'i':
    ignore_case = true;
    break;
case 'T':
    add_regexp (&ignore_regexp_list, optarg);
break;

case 't':
    if (!pr_program[0])
        try_help ("pagination not supported on this host", NULL);
    paginate = true;
#ifdef SIGCHLD
    /* Pagination requires forking and waiting, and
       System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
#endif
    break;

case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal ("too many file label options");
    break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regexp (&function_regexp_list, "^[[:alpha:]:\$\.\_]\]"");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
    brief = true;
    break;

case 'r':
    recursive = true;
    break;

case 's':

report_identical_files = true;
break;

case 'S':
    specify_value (&starting_file, optarg, "-S");
    break;

case 't':
    expand_tabs = true;
    break;

case 'T':
    initial_tab = true;
    break;

case 'u':
    specify_style (OUTPUT_UNIFIED);
    if (context < 3)
        context = 3;
    break;

case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
                AUTHORS, (char *) NULL);
    check_stdout ()
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
    break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
    break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
     exclude_options (), 'n'))
        pfatal_with_name (optarg);
    break;

case 'y':
    specify_style (OUTPUT_SDIFF);
    break;

case 'W':
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
try_help("invalid width '%s'", optarg);
if (width != numval)
{
    if (width)
        fatal("conflicting width options");
    width = numval;
}
break;

case BINARY_OPTION:
#if O_BINARY
    binary = true;
    if (! isatty(STDOUT_FILENO))
        set_binary_mode(STDOUT_FILENO, O_BINARY);
#endif
    break;

case FROM_FILE_OPTION:
    specify_value(&from_file, optarg, "--from-file");
    break;

case HELP_OPTION:
    usage();
    check_stdout();
    return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
    numval = strtoumax(optarg, &numend, 10);
    if (*numend)
        try_help("invalid horizon length '%s'", optarg);
    horizon_lines = MAX(horizon_lines, MIN(numval, LIN_MAX));
    break;

case IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = true;
    break;

case INHIBIT_HUNK_MERGE_OPTION:
    /* This option is obsolete, but accept it for backward
       compatibility. */
    break;

case LEFT_COLUMN_OPTION:
    left_column = true;
    break;

case LINE_FORMAT_OPTION:
    specify_style(OUTPUT_IFDEF);
for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
    specify_value (&line_format[i], optarg, "--line-format");
break;

case NO_DEREFERENCE_OPTION:
    no_dereference_symlinks = true;
break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = false;
break;

case NORMAL_OPTION:
    specify_style (OUTPUT_NORMAL);
break;

case SDIFF_MERGE_ASSIST_OPTION:
    specify_style (OUTPUT_SDIFF);
    sdiff_merge_assist = true;
break;

case STRIP_TRAILING_CR_OPTION:
    strip_trailing_cr = true;
break;

case SUPPRESS_BLANK_EMPTY_OPTION:
    suppress_blank_empty = true;
break;

case SUPPRESS_COMMON_LINES_OPTION:
    suppress_common_lines = true;
break;

case TABSIZE_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid tabsize \"%s\"", optarg);
    if (tabsize != numval)
        { if (tabsize)
            fatal ("conflicting tabsize options");
            tabsize = numval;
        }
    break;

case TO_FILE_OPTION:
    specify_value (&to_file, optarg, "--to-file");
break;
case UNCHANGED_LINE_FORMAT_OPTION:
case OLD_LINE_FORMAT_OPTION:
case NEW_LINE_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    c -= UNCHANGED_LINE_FORMAT_OPTION;
    specify_value (&line_format[c], optarg, line_format_option[c]);
    break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    c -= UNCHANGED_GROUP_FORMAT_OPTION;
    specify_value (&group_format[c], optarg, group_format_option[c]);
    break;

default:
    try_help (NULL, NULL);
}
    prev = c;
}

if (output_style == OUTPUT_UNSPECIFIED)
{
    if (show_c_function)
    {
        specify_style (OUTPUT_CONTEXT);
        if (ocontext < 0)
            context = 3;
    }
    else
        specify_style (OUTPUT_NORMAL);
}

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
    #if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \n        || defined HAVE_STRUCT_STAT_ST_SPARE1)
        time_format = "%Y-%m-%d %H:%M:%S.%N %z";
    #else
        time_format = "%Y-%m-%d %H:%M:%S %z";
    #endif
}
else
{
    /* See POSIX 1003.1-2001 for this format. */
time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
        || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
        || (ocontext < context && ! explicit_context))
    context = ocontext;

if (! tabsize)
    tabsize = 8;
if (! width)
    width = 130;

{
    /* Maximize first the half line width, and then the gutter width,
       according to the following constraints:
    1. Two half lines plus a gutter must fit in a line.
    2. If the half line width is nonzero:
       a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
       b. If tabs are not expanded to spaces,
          a half line plus a gutter is an integral number of tabs,
          so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

/* Make the horizon at least as large as the context, so that
   shift_boundaries has more freedom to shift the first and last hunks. */
if (horizon_lines < context)
    horizon_lines = context;

summarize_regexp_list (&function_regexp_list);
summarize_regexp_list (&ignore_regexp_list);

if (output_style == OUTPUT_IFDEF)
    {
        for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
            if (!line_format[i])
                line_format[i] = "%\n";
        if (!group_format[OLD])
            group_format[OLD]
no_diff_means_no_output =
  (output_style == OUTPUT_IFDEF ?
   (!*group_format[UNCHANGED]
    || (STREQ (group_format[UNCHANGED], "%=")
    && !*line_format[UNCHANGED]))
   : (output_style != OUTPUT_SDIFF) | suppress_common_lines);

files_can_be_treated_as_binary =
  (brief & binary
   & ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
    | (ignore_regexp_list.regexps || ignore_white_space)));

switch_string = option_list (argv + 1, optind - 1);

if (from_file)
{
  if (to_file)
    fatal ("--from-file and --to-file both specified");
  else
    for (; optind < argc; optind++)
      {
        int status = compare_files (NULL, from_file, argv[optind]);
        if (exit_status < status)
          exit_status = status;
      }
}
else
{
  if (to_file)
    for (; optind < argc; optind++)
      {
        int status = compare_files (NULL, argv[optind], to_file);
        if (exit_status < status)
          exit_status = status;
      }
  else
    {
      }
if (argc - optind != 2)
{
    if (argc - optind < 2)
        try_help ("missing operand after \"%s\", argv[argc - 1]);
    else
        try_help ("extra operand \"%s\", argv[optind + 2]);
}

exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
}
}

/* Print any messages that were saved up for last. */
print_message_queue ();

check_stdout ();
exit (exit_status);
return exit_status;
}

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
    size_t patlen = strlen (pattern);
    char const *m = re_compile_pattern (pattern, patlen, reglist->buf);
    if (m != 0)
        error (0, 0, "%s: %s", pattern, m);
    else
    {
        char *regexps = reglist->regexps;
        size_t len = reglist->len;
        bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
        size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
        size_t size = reglist->size;
        if (size <= newlen)
        {
            if (!size)
                size = 1;
            do size *= 2;
            while (size <= newlen);
        }
        reglist->size = size;
        reglist->regexps = regexps = xrealloc (regexps, size);
if (multiple_regexps)
{
  regexps[len++] = '\';
  regexps[len++] = '|';
}
memcpy (regexps + len, pattern, patlen + 1);

/* Ensure that REGLIST represents the disjunction of its regexps.  
   This is done here, rather than earlier, to avoid O(N^2) behavior. */

static void
summarize_regexp_list (struct regexp_list *reglist)
{
  if (reglist->regexps)
  {
    /* At least one regexp was specified.  Allocate a fastmap for it. */
    reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
    if (reglist->multiple_regexps)
    {
      /* Compile the disjunction of the regexps.  
         (If just one regexp was specified, it is already compiled.) */
      char const *m = re_compile_pattern (reglist->regexps, reglist->len, 
        reglist->buf);
      if (m)
        error (EXIT_TROUBLE, 0, "\%s: \%s", reglist->regexps, m);
    }
  }

static void
try_help (char const *reason_msgid, char const *operand)
{
  if (reason_msgid)
    error (0, 0, _(reason_msgid), operand);
  error (EXIT_TROUBLE, 0, _("Try \"\%s --help\" for more information."), 
    program_name);
  abort ();
}

static void
check_stdout (void)
{
  if (ferror (stdout))
    fatal ("write failed");
  else if (fclose (stdout) != 0)
pfatal_with_name (_("standard output"));
}

static char const * const option_help_msgid[] = {
    N_("    --normal                  output a normal diff (the default)"),
    N_("-q, --brief report only when files differ"),
    N_("-s, --report-identical-files report when two files are the same"),
    N_("-c, --context[NUM] output NUM (default 3) lines of copied context"),
    N_("-u, --unified[NUM] output NUM (default 3) lines of unified context"),
    N_("-e, --ed output an ed script"),
    N_("-n, --rcs output an RCS format diff"),
    N_("-y, --side-by-side output in two columns"),
    N_("-W, --width=NUM output at most NUM (default 130) print columns"),
    N_("    --left-column output only the left column of common lines"),
    N_("    --suppress-common-lines do not output common lines"),
    N_("    --suppress-blank-empty suppress space or tab before empty output lines"),
    N_("    --paginate pass output through 'pr' to paginate it"),
    N_("    --recursive recursively compare any subdirectories found"),
    N_("    --no-dereference don't follow symbolic links"),
    N_("    --new-file treat absent files as empty"),
    N_("    --unidirectional-new-file treat absent first files as empty"),
    N_("    --ignore-file-name-case ignore case when comparing file names"),
    N_("    --no-ignore-file-name-case consider case when comparing file names"),
    N_("    --exclude=PAT exclude files that match PAT"),
    N_("    --exclude-from=FILE exclude files that match any pattern in FILE"),
    N_("    --starting-file=FILE start with FILE when comparing directories"),
    N_("    --from-file=FILE1 compare FILE1 to all operands
" " FILE1 can be a directory"),
    N_("    --to-file=FILE2 compare all operands to FILE2
" " FILE2 can be a directory"),
    N_("    --ignore-case ignore case differences in file contents"),
    N_("    --ignore-tab-expansion ignore changes due to tab expansion"),
    N_("    --ignore-trailing-space ignore white space at line end"),
    N_("    --ignore-space-change ignore changes in the amount of white space"),
    N_("    --ignore-all-space ignore all white space"),
    N_("    --ignore-blank-lines ignore changes where lines are all blank"),
    N_("    --ignore-matching-lines=RE ignore changes where all lines match RE"),
N_("-a, --text treat all files as text"),
N_("--strip-trailing-cr strip trailing carriage return on input"),
#if O_BINARY
N_("--binary read and write data in binary mode"),
#endif
N_("-D, --ifdef=NAME output merged file with '#ifdef NAME' diffs"),
N_("--GTYPE-group-format=GFMT format GTYPE input groups with GFMT"),
N_("--line-format=LFMT format all input lines with LFMT"),
N_("--LTYPE-line-format=LFMT format LTYPE input lines with LFMT"),
N_(" These format options provide fine-grained control over the output
    of diff, generalizing -D/--ifdef.")
N_(" LTYPE is 'old', 'new', or 'unchanged'.  GTYPE is LTYPE or 'changed'."),
N_(" GFMT (only) may contain:\n\%< lines from FILE1\n\%> lines from FILE2\n\%= lines common to FILE1 and FILE2\n\%-][WIDTH][PREC][doX]LETTER printf-style spec for LETTER\nLETTERs are as follows for new group, lower case for old group:\n  F  first line number\n  L  last line number\n  N  number of lines = L-F+1\n  E  F-1\n  M  L+1\n%(A=B?T:E) if A equals B then T else E"),
N_(" LFMT (only) may contain:\n\%L contents of line\n\%l contents of line, excluding any trailing newline\n\%-][WIDTH][PREC][doX]n printf-style spec for input line number"),
N_(" Both GFMT and LFMT may contain:\n\%\% %\n\%c'C' the single character C\n\%c"\"OOO' the character with octal code OOO\n\%C the character C (other characters represent themselves)"),
N_("-d, --minimal try hard to find a smaller set of changes"),
N_("--horizon-lines=NUM keep NUM lines of the common prefix and suffix"),
N_("--speed-large-files assume large files and many scattered small changes"),
N_("--help display this help and exit"),
N_("-v, --version output version information and exit"),
N_("FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR'."),
N_("If --from-file or --to-file is given, there are no restrictions on FILE(s)."),
N_("If a FILE is '-', read standard input."),
N_("Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."),
0
static void
usage (void)
{
    char const * const *p;

    printf (_("Usage: %s [OPTION]... FILES\n"), program_name);
    printf (_("%s\n\n", _("Compare FILES line by line.").));

    fputs (_("\nMandatory arguments to long options are mandatory for short options too.\n"), stdout);

    for (p = option_help_msgid;  *p;  p++)
    {
        if (!**p)
            putchar ('\n');
        else
        {
            char const *msg = _(*p);
            char const *nl;
            while ((nl = strchr (msg, '\n')))
            {
                int msglen = nl + 1 - msg;
                printf (_(" \%s", msglen, msg);
                msg = nl + 1;
            }

            printf (_(" \%s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
        }
    }

    emit_bug_reporting_address ();
}

/* Set VAR to VALUE, reporting an OPTION error if this is a
   conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
    if (*var && ! STREQ (*var, value))
    {
        error (0, 0, _("conflicting %s option value \"%s\""), option, value);
        try_help (NULL, NULL);
    }
    *var = value;
}
/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
    if (output_style != style)
    {
        if (output_style != OUTPUT_UNSPECIFIED)
            try_help ("conflicting output style options", NULL);
        output_style = style;
    }
}

/* Set the last-modified time of *ST to be the current time. */

static void
set_mtime_to_now (struct stat *st)
{
    #ifdef STAT_TIMESPEC
        gettime (&STAT_TIMESPEC (st, st_mtim));
    #else
        struct timespec t;
        gettime (&t);
        st->st_mtime = t.tv_sec;
        # if defined STAT_TIMESPEC_NS
            STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
        # elif defined HAVE_STRUCT_STAT_ST_SPARE1
            st->st_spare1 = t.tv_nsec / 1000;
        # endif
    #endif
}

/* Compare two files (or dirs) with parent comparison PARENT and names NAME0 and NAME1.  
   (If PARENT is null, then the first name is just NAME0, etc.)
   This is self-contained; it opens the files and closes them.

   Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
    struct comparison cmp;
    #define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
    register int f;
    int status = EXIT_SUCCESS;

bool same_files;
char *free0;
char *free1;

/* If this is directory comparison, perhaps we have a file
that exists only in one of the directories.
If so, just print a message to that effect. */

if (! ((name0 && name1)
    || (unidirectional_new_file && name1)
    || new_file))
{
    char const *name = name0 ? name0 : name1;
    char const *dir = parent->file[!name0].name;

    /* See POSIX 1003.1-2001 for this format. */
    message("Only in %s: %s\n", dir, name);

    /* Return EXIT_FAILURE so that diff_dirs will return
EXIT_FAILURE ("some files differ"). */
    return EXIT_FAILURE;
}

memset(cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */
#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */

if (!name0)
    name0 = name1;
if (!name1)
    name1 = name0;

if (!parent)
{
    free0 = NULL;
    free1 = NULL;
cmp.file[0].name = name0;
cmp.file[1].name = name1;
}
else
{
    cmp.file[0].name = free0
= file_name_concat (parent->file[0].name, name0, NULL);
    cmp.file[1].name = free1
= file_name_concat (parent->file[1].name, name1, NULL);
}

/* Stat the files. */

for (f = 0; f < 2; f++)
{
    if (cmp.file[f].desc != NONEXISTENT)
    {
        if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
            cmp.file[f].desc = cmp.file[0].desc;
        cmp.file[f].stat = cmp.file[0].stat;
    }
    else if (STREQ (cmp.file[f].name, "-"))
    {
        cmp.file[f].desc = STDIN_FILENO;
        if (binary && ! isatty (STDIN_FILENO))
            set_binary_mode (STDIN_FILENO, O_BINARY);
        if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
            cmp.file[f].desc = ERRNO_ENCODE (errno);
        else
        {
            if (S_ISREG (cmp.file[f].stat.st_mode))
                {
                    off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
                    if (pos < 0)
                        cmp.file[f].desc = ERRNO_ENCODE (errno);
                    else
                        cmp.file[f].stat.st_size =
                            MAX (0, cmp.file[f].stat.st_size - pos);
                }
        }
    }
    /* POSIX 1003.1-2001 requires current time for stdin. */
    set_mtime_to_now (&cmp.file[f].stat);
}
else if ((no_dereference_symlinks
    ? lstat (cmp.file[f].name, &cmp.file[f].stat)
    : stat (cmp.file[f].name, &cmp.file[f].stat))
Mark files as nonexistent as needed for -N and -P, if they are inaccessible empty regular files (the kind of files that 'patch' creates to indicate nonexistent backups), or if they are top-level files that do not exist but their counterparts do exist. */
for (f = 0; f < 2; f++)
    if ((new_file || (f == 0 &&& unidirectional_new_file))
        && (cmp.file[f].desc == UNOPENED
            ? (S_ISREG (cmp.file[f].stat.st_mode)
                && ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
                && cmp.file[f].stat.st_size == 0)
            : ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
                || cmp.file[f].desc == ERRNO_ENCODE (EBADF))
                && ! parent
                && (cmp.file[1 - f].desc == UNOPENED
                    || cmp.file[1 - f].desc == STDIN_FILENO))))
        cmp.file[f].desc = NONEXISTENT;
for (f = 0; f < 2; f++)
    if (cmp.file[f].desc == NONEXISTENT)
        {
        memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
        cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
        }
for (f = 0; f < 2; f++)
    { int e = ERRNO_DECODE (cmp.file[f].desc);
      if (0 <= e)
      { errno = e;
        perror_with_name (cmp.file[f].name);
        status = EXIT_TROUBLE;
      }
    }
if (status == EXIT_SUCCESS &&& ! parent &&& DIR_P (0) != DIR_P (1))
    { /* If one is a directory, and it was specified in the command line,
        use the file in that dir with the other file's basename. */

        int fnm_arg = DIR_P (0);
        int dir_arg = 1 - fnm_arg;
char const *fnm = cmp.file[fnm_arg].name;
char const *dir = cmp.file[dir_arg].name;
char const *filename = cmp.file[dir_arg].name = free0
= find_dir_file_pathname (dir, last_component (fnm));

if (STREQ (fnm, "-"))
fatal ("cannot compare '-' to a directory");

if ((no_dereference_symlinks
? lstat (filename, &cmp.file[dir_arg].stat)
: stat (filename, &cmp.file[dir_arg].stat))
!= 0)
{
 perror_with_name (filename);
 status = EXIT_TROUBLE;
}
}

if (status != EXIT_SUCCESS)
{
 /* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
 && cmp.file[1].desc == NONEXISTENT)
{
 /* Neither file "exists", so there's nothing to compare. */
}
else if (same_files
 = (cmp.file[0].desc != NONEXISTENT
 && cmp.file[1].desc != NONEXISTENT
 && 0 < same_file (&cmp.file[0].stat, &cmp.file[1].stat)
 && same_file_attributes (&cmp.file[0].stat,
 &cmp.file[1].stat)))
 && no_diff_means_no_output)
{
 /* The two named files are actually the same physical file.
 We know they are identical without actually reading them. */
}
else if (DIR_P (0) & DIR_P (1))
{
 if (output_style == OUTPUT_IFDEF)
fatal ("-D option not supported with directories");

 /* If both are directories, compare the files in them. */

 if (parent && !recursive)
{
 /* But don't compare dir contents one level down

unless -r was specified.  
See POSIX 1003.1-2001 for this format. */
message("Common subdirectories: %s and %s\n",
    cmp.file[0].name, cmp.file[1].name);
}
else
    status = diff_dirs(&cmp, compare_files);
}
else if ((DIR_P(0) | DIR_P(1))
    (parent
     && (S_ISREG(cmp.file[0].stat.st_mode)
         || S_ISLNK(cmp.file[0].stat.st_mode))
     && (S_ISREG(cmp.file[1].stat.st_mode)
         || S_ISLNK(cmp.file[1].stat.st_mode)))
    {
    if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
    {
    /* We have a subdirectory that exists only in one directory. */
    if ((DIR_P(0) | DIR_P(1))
        && recursive
        && (new_file
            || (unidirectional_new_file
                && cmp.file[0].desc == NONEXISTENT)))
        status = diff_dirs(&cmp, compare_files);
    else
        {
        char const *dir;

        /* PARENT must be non-NULL here. */
        assert(parent);
        dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

        /* See POSIX 1003.1-2001 for this format. */
        message("Only in %s: %s\n", dir, name0);
        status = EXIT_FAILURE;
        }
    }
else
    {
    /* We have two files that are not to be compared. */

    /* See POSIX 1003.1-2001 for this format. */
    message5("File %s is a %s while file %s is a %s\n",
        file_label[0] ? file_label[0] : cmp.file[0].name,
        file_type(&cmp.file[0].stat),
/* This is a difference. */
status = EXIT_FAILURE;
}
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
        || S_ISLNK (cmp.file[1].stat.st_mode))
{
    /* We get here only if we use lstat(), not stat(). */
    assert (no_dereference_symlinks);

    if (S_ISLNK (cmp.file[0].stat.st_mode)
        && S_ISLNK (cmp.file[1].stat.st_mode))
    {
        /* Compare the values of the symbolic links. */
        char *link_value[2] = { NULL, NULL };

        for (f = 0; f < 2; f++)
            {
            link_value[f] = xreadlink (cmp.file[f].name);
            if (link_value[f] == NULL)
                {
                perror_with_name (cmp.file[f].name);
                status = EXIT_TROUBLE;
                break;
                }
            }
        if (status == EXIT_SUCCESS)
            {
            if ( ! STREQ (link_value[0], link_value[1]))
                {
                message ("Symbolic links %s and %s differ\n",
                         cmp.file[0].name, cmp.file[1].name);
                /* This is a difference. */
                status = EXIT_FAILURE;
                }
            }
        for (f = 0; f < 2; f++)
            free (link_value[f]);
    }
    else
    {
        /* We have two files that are not to be compared, because
         one of them is a symbolic link and the other one is not. */
        message5 ("File %s is a %s while file %s is a %s\n",
                  file_label[0] ? file_label[0] : cmp.file[0].name,
                  "file", "symbolic", "file", "symbolic");
    }
/* This is a difference. */
status = EXIT_FAILURE;
}
}
else if (files_can_be_treated_as_binary
    && S_ISREG (cmp.file[0].stat.st_mode)
    && S_ISREG (cmp.file[1].stat.st_mode)
    && cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
{
    message ("Files %s and %s differ\n", 
        file_label[0] ? file_label[0] : cmp.file[0].name,
    status = EXIT_FAILURE;
}
else
{
/* Both exist and neither is a directory. */

/* Open the files and record their descriptors. */

int oflags = O_RDONLY | (binary ? O_BINARY : 0);

if (cmp.file[0].desc == UNOPENED)
if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)
{
    perror_with_name (cmp.file[0].name);
    status = EXIT_TROUBLE;
}
if (cmp.file[1].desc == UNOPENED)
{
    if (same_files)
        cmp.file[1].desc = cmp.file[0].desc;
    else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)
    {
        perror_with_name (cmp.file[1].name);
        status = EXIT_TROUBLE;
    }
}
/* Compare the files, if no error was found. */

if (status == EXIT_SUCCESS)
status = diff_2_files (&cmp);
/* Close the file descriptors. */

    if (0 <= cmp.file[0].desc && close (cmp.file[0].desc) != 0)
    {
        perror_with_name (cmp.file[0].name);
        status = EXIT_TROUBLE;
    }
    if (0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
        && close (cmp.file[1].desc) != 0)
    {
        perror_with_name (cmp.file[1].name);
        status = EXIT_TROUBLE;
    }

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */

    if (status == EXIT_SUCCESS)
    {
        if (report_identical_files && !DIR_P (0))
            message ("Files %s and %s are identical\n",
                file_label[0] ? file_label[0] : cmp.file[0].name,
    }
    else
    {
        /* Flush stdout so that the user sees differences immediately.
This can hurt performance, unfortunately. */
        if (fflush (stdout) != 0)
            pfatal_with_name (_("standard output"));
    }

free (free0);
free (free1);

return status;
}

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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/cglib/core/KeyFactory.java

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*/opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/asm/ClassTooLargeException.java
*/opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/asm/Constants.java
*/opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/asm/Edge.java
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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/util/SimpleIdGenerator.java
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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/util/TypeUtils.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/annotation/Order.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/convert/support/StringToEnumConverterFactory.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/MethodClassKey.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/io/WritableResource.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/io/InputStreamSource.java
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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/convert/support/ObjectToOptionalConverter.java
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 * Allowing them being read would mean anyone with access to the channel could get them.
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* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4-1-45-final-sources-
  jar/netty_epoll_linuxsocket.c
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4-1-45-final-sources-
  jar/netty_epoll_linuxsocket.h

1.681 passwd 0.79 5.el7

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1.691 jstl 1.1.2

1.692 curl 7.72.0

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License Mixing

==============

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

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

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the
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## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

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## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

### 1.693 hamcrest 1.2

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/**
 * Base constructor.
 * <p>
 * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
 * <p>
 * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
 * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
 * If *.com is in the known suffixes list will not be allowed to match.
 * <p>
 * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1089947271_1601369618.24/0/bcpkix-fips-1-0-3-sources-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java

1.711 spring-boot-starter 2.1.4.RELEASE

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Nori Korean Morphological Analyzer - Apache Lucene Integration
===========================================================================

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

mecab-ko-dic-2.0.3-20170922

which can be obtained from

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1.723 libappstream-glib 0.7.8 2.el7

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1.724 netty-resolver 4.1.31.Final

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this
will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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table of data to be supplied by an application program that uses
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is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

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

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

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

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

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

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

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

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

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

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1.750 hibernate-envers 3.6.10.Final

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****************************************************************************/

* @author:     zhang
* @version:    $Revision$
* @created:    Apr 24, 2009
*
* Description: A class to decode PEM files
*
****************************************************************************/

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* /opt/cola/permits/1110675320_1606843911.45/0/jgroups-kubernetes-1-0-6-final-sources-1-
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*
* @author:     zhang
* @version:    $Revision$
* @created:    Apr 24, 2009
*
* Description: A KeySpec for PKCS#1 encoded RSA private key
*  
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* /opt/cola/permits/1110675320_1606843911.45/0/jgroups-kubernetes-1-0-6-final-sources-1-
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<sect2 id="sect13" label="13">
<title>Section 13</title>

<para>
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  <listitem><para>dessa licensvillkor som ger dig rtt att kopiera, distribuera och eller ndra programvaran.</para></listitem>
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Paragraf 2

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Från den här skyldigheten undantas det fall att Programvaran frövisso är interaktiv, men i sitt normala utförande inte visar ett meddelande av den här typen. I sådana fall behöver Verk baserat Programvaran inte visa ett sådant meddelande som nämns ovan.

Dessa krav gäller det frändrade verket i dess helhet. Om identifierbara delar av verket inte hörre från Programvaran och skiljer kan anses vara fristendes och självständiga verkar i sig, då skall dessa licensvillkor inte gälla de delarna deras distribueras som egna verk. Men om samma delar distribueras tillsammans med en helhet som innehåller verk som hörre från Programvaran, måste distributionen i sin helhet ske enligt dessa licensvillkor. Licensvillkoren skall i sådana fall gälla fr andra licenstagare fr hela verket och slunda till alla delar av Programvaran, oavsett vem som är upphovsman till vilka delar av verket.

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Du ger kopiera och distribuera Programvaran (eller Verk baserat p Programvaran enligt <link linkend="sect2">paragraf 2</link>) i objektkod eller i krabb form enligt villkoren i <link linkend="sect1">paragraf 1</link> och <link linkend="sect2">2</link> frutsatt att Du också ger en av flera saker: 

Bifogar den kompletta källkoden i maskinläsbar form, som mår att distribueras enligt villkoren i <link linkend="sect1">paragraf 1</link> och <link linkend="sect2">2</link> p ett medium som i allmänhet används för utbyte av programvara, eller

Bifogar ett skriftligt erbjudande, med minst tre rs giltighet, att ge tredje man, mot en avgift som högst uppgir till Din kostnad att utföra fysisk distribution, en fullständig kopia av källkoden i maskinläsbar form, distribuerad enligt villkoren i <link linkend="sect1">paragraf 1</link> och <link linkend="sect2">2</link> p ett medium som i allmänhet används för utbyte av programvara, eller
Bifogar det skriftligt erbjudande Du fick att erhålla kllkoden. (Det hr alternativet kan endast användas fr icke-kommersiell distribution och endast om Du erhållit ett program i objektkod eller kbbar form med ett erbjudande i enlighet med b ovan.)

Kllkoden fr ett verk avser den form av ett verk som r att fredra fr att graf rändringar av verket. Fr ett kbbar verk avser kllkoden all kllkod fr moduler det innehller, samt alla tillhrrande grnssnittsfiler, definitioner, skripten fr att kontrollera kompilering och installation av den kbbara Programvaran. Ett undantag kan dock gras fr sdant som normalt distribueras, antingen i binr form eller som kllkod, med huvudkomponenterna i operativsystemet (kompilator, krna och s vidare) i vilket den kbbara programvaran krs, om inte den hr komponenten medfljer den kbbara programvaran.

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<para>Den här paragrafen har till syfte att stilla det utom tvivel vad som anses flja av resten av dessa licensvillkor.</para>

<sect2 id="sect8" label="8">
<title>Paragraf 8</title>

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<title>Paragraf 9</title>

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<sect2 id="sect10" label="10">
<title>Paragraf 10</title>
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</para>

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</para>

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</para>

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</para>

<para>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
</para>
</sect>

<sect id="sect2" label="2">
<title>Section 2</title>
<para>You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that
you also meet all of these conditions:

<orderedlist numeration="loweralpha">
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    <para>
The modified work must itself be a software library.
    </para>
  </listitem>
  <listitem>
    <para>
      You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
    </para>
  </listitem>
  <listitem>
    <para>
      You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
    </para>
  </listitem>
  <listitem>
    <para>
      If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
    </para>
  </listitem>
  <para>
    (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
  </para>
  <para>
    These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
</para>

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

<para>
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>
</sect2>

<sect2 id="sect3" label="3">
<title>Section 3</title>

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

<para>
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</para>

<para>
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
</para>
You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

`</para>`

`<para>`

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under `<link linkend="sect6">Section 6</link>`.)

`</para>`

`<para>`

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of `<link linkend="sect6">Section 6</link>`. Any executables containing that work also fall under `<link linkend="sect6">Section 6</link>`, whether or not they are linked directly with the Library itself.

`</para>`

`</sect2>`

`<sect2 id="sect6" label="6">`

`<title>Section 6</title>`

`<para>`

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

`</para>`

`<para>`

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:
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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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</para>

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<sect2 id="sect13" label="13">
<title>Section 13</title>

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</sect2>

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<title>Section 14</title>

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</orderedlist>

Adibidez, horrelako programa batzuen kopiak banatzeko, bai doan eta bai kuota baten truke, zuk dituzun eskubide guztiak eman behar dizkiezu hartzailreei. Beraiek ere iturburu-kodea jasotzen dutela edo jaso dezakete la ziurtatuz behar duzu. Eta baldintza hauek erakutsi behar dizkiezu, zer eskubide dituzten jakin dezatenei.

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Open Source Used In Data Center Network Manager 11.5(1) 6188
Software kopiatzeko, banatzeko eta aldatzeko zehatzak dituzu jarraian:

KOPIATZEKO, BANATZEKO ETA ALDATZEKO BALDINTZAK

0 atala


1. atala

Programaren iturburu-kodea jaso bezala literalki kopiatu eta banatu dezakezu, edo zein euskarritan, baldin eta behar bezala eta ikusteko moduan jartzen badio kopia bakoitzari egile-eskubideen oharra eta bermerik ez duela dioen oharra; Lizentziari eta bermerik euzki dagozkion ohar guztiak oso-osorik mantentzen badituzu; eta Programaren hartzaile guztiei Lizentziaren kopia ematen badiezu Programarekin batera.

2. atala

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you changed the files and the date of any change.
</para>
</listitem>
</listitem>
</para>
You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
</para>
</listitem>
</listitem>
</para>
If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

<note>
<title>Exception:</title>
<para>
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
</para>
</note>


Honela, beraz, atal honen xedea ez da zuk osoki idatzitako lanaren eskubideak eskatu edo exijitzea, baizik eta Programan oinarritutako lan eratorrien edo talde-lanen banaketa kontrolatzeko eskubidea balatzea.

Horrez gainera, Programari (edo programan oinarritutako lan bati) Programan oinarritu gabeko beste lan bat gehitzen bazaio biltegi-bolumen batean edo banaketarako euskarri batean, gehitze hutsarengatik beste lan hori ez da sartuko Lizentzia honen esparruan.
You may copy and distribute the Program (or a work based on it, under
Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

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  must be distributed under the terms of Sections 1 and 2 above on a medium
  customarily used for software interchange; or,
- Accompany it with a written offer, valid for at least three years, to give any
  third party, for a charge no more than your cost of physically performing source
  distribution, a complete machine-readable copy of the corresponding source code,
  to be distributed under the terms of Sections 1 and 2 above on a medium customarily
  used for software interchange; or,
- Accompany it with the information you received as to the offer to distribute
  corresponding source code. (This alternative is allowed only for noncommercial
  distribution and only if you received the program in object code or executable form
  with such an offer, in accord with Subsection b above.)
eskainiz egiten bada, leku beretik iturburu-kodea kopiatzeko sarbide baliokidea eskaintzea iturburu-kodearen banaketa gisa hartzen da, nahiz eta hirugarren alderdiak ez dauden behartuta objektu-kodearekin batera iturburua kopiatzera.</para>

</sect2>

<sect2 id="sect4" label="4">
<title>4. atala</title>

</sect2>

<sect2 id="sect5" label="5">
<title>5. atala</title>

</sect2>

<sect2 id="sect6" label="6">
<title>6. atala</title>

</sect2>

<sect2 id="sect7" label="7">
<title>7. atala</title>

</sect2>

Atal honek argi eta garbi utzi nahi du zer den Lizentziaren gainerako zatiaren ondorioz jotzen dena.

Zenzbait herrialdetan Programaren banaketa edo/eta erabilera mugatzen baldin badute patenteen edo copyright-dun interfazeen bidez, jatorrizko copyrighta duenak geografikoki mugatu ahal izango du banaketa herrialde hori hori kanpoan uzteko, era horretan baxtertu gabeko herrialdeetan edo herrialdeen artean soilik egin dadin banaketa. Halako kasuetan, mugaketa hori Lizentziaren honetan sartuta geratuko da, Lizentziaren gorputzean idatzita egongo balitz bezala.


PROGRAMAREN LIZENTZIA DOAN EMATEN DENEZ, PROGRAMAK EZ DU BERMERIK, LEGE APLIKAGARRIARON ONARTZEN DUEN NEURRIAN. AURKAKORIK ADIERAZTEN EZ DEN KASUETAN, JABETZA INTELEKTUALEKO ESKUBIDEA DUTE NEK ETA/EDO BESTE ALDERDI BATZUEK PROGRAMA "EMATE DUTE INOLAKO BERMERIK GABE, EZ ESPRESUKI ADIERAZITAKORIK ETA EZ INPLIZITITURIK, BARENE HARTUZ, BAINA HORRETARA MUGATU GABE, MERKATURATZEKO EDO XEDE JAKIN BATERAKO EGOKITASUNAREN BERMEA. PROGRAMAREN KALITATEARI ETA ERRENDIMENDUARI DAGOKIONEZ, ZURE GAIN DAGO ARRISKU GUZTIA. PROGRAMAK AKATSIK IZANGO BALU, KONPONTZEKO EDO ZUZENTZEKO BEHARREZKO ZERBITZU GUZTIEN KOSTUA ZURE GAIN HARTU BEHARKO ZENUKE.".</para>

12. atala

LEGE APLIKAGARRIARO IDATZIZ JASOTAKO BORONDATEZKO AKORDIO BATEK HALA ESKATZEN DUELAKO EZ BADA, EZIN IZANGO DIOZU JABETZA INTELEKTUALAREN ESKUBIDEDUNARI EDO GOIAN BAIMENTZEN DEN BEZALA PROGRAMA BIRBANATU EDO ALDA DEZAKEEN BESTE ALDERDI BATI ERANTZUKIZUNIK ESKATU EZ KALTEENGATIK, EZ PROGRAMAREN ERABILERAREN EDO ERABILTZEKO EZGAITASUNAREN ONDORIOZ SO R DAITEZKEEN KALTE OROKOR, BEREZI, GEHIGARRI EDO ONDORIOZKOENGATIK (BESTEAK BESTE, DATUAK GALTZEA EDO HONDATZEA, EDO ZUK EDO BESTE NORBAITEK JASANDAKO GALERAK, EDO BESTE PROGRAMEKEIN LAN EGITEKO PROGRAMAREN HUTS EGITEREN BAT), NAHIZ ETA ESKUBIDEDUNARI EDO BESTE NORBAIT HORRI KALTEAK IZAN LITEZKEELA AURRETIK ABISATU IZAN.<para>

12. atala

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Open Source Used In Data Center Network Manager 11.5(1) 6194
Vsakdo sme razmnoevati in razirjati dobesedne kopije tega dokumenta, ni pa ga dovoljeno spreminjati.

Dovoljenja veine programske opreme so zasnovane tako, da prepreujejo njegovo svobodno razirjanje in spreminjanje. Za razliko od teh pa Splono Javno Dovoljenje GNU (angl. GNU General Public License, GPL) jami svobodo pri razirjanju in spreminjanju proste programske opreme ter s tem zagotovilo, da ostane ta prosta za vse njene uporabnike. Dovoljenje GPL se nanaa na veino programske opreme ustanove Free Software Foundation in na vse druge programe, katerih avtorji so se zavezali k njeni uporabi. (Nekatera druga programska oprema ustanove Free Software Foundation je namesto tega pokrita s Splonim dovoljenjem GNU za knjinice, angl. GNU Library General Public License.) Uporabite jo lahko tudi za vae programe.

Ko govorimo o prosti programski opremi, imamo s tem v mislih svobodo, ne cene. Splona Javna dovoljenja GNU zagotavlja pravico razirjanja kopij proste programske opreme (in po elji zaraunavati za to storitev); pravico do dostopa do izvorne kode; pravico spreminjanja programske opreme ali uporabljanje njenih delov v novi prosti programski opremi; in seznanjanje z vsemi temi pravicami.

Zaradi zavarovanja vseh pravic je uvedena omejitev, ki prepoveduje vsakomur, da bi vam te pravice kratil ali od vas zahteval predajo teh pravic. Te omejitve se prevedejo v vao odgovornost, e razirjate kopijs programske opreme ali jo spreminjate.

Na primer, e razirjate kopijs programa, bodisi zastonj ali za plailo, morate dati prejemnikom vse pravice, ki jih imate vi. Prepriati se morate, da bodo tudi oni prejeli ali imeli dostop do izvorne kode. In morate jim
Pokazati te pogoje (opp. izvirnik), da bodo poznali svoje pravice.</para>

<para>Pravice uporabnika so varovane v dveh korakih: <orderedlist numeration="arabic"> <listitem> s pravno zaito programske opreme in</listitem> <listitem> ponujenim dovoljenjem, ki vam daje pravno dovoljenje za razmnoevanje, razirjanje in/ali spreminjanje programske opreme. </listitem> </orderedlist></para>

<para>Prav tako, za zaito vsakega avtorja in zaradi naa zaite elimino zagotoviti, da vsakdo razume, da za to prosto programsko opremo ni nobenega jamstva. e je programsko opremo spremenil nekdo drug in ga posredoval naprej, elimino, da njegovi prejemniki vedo, da to, kar imajo, ni izvirnik, zato da se problemi, ki jih povzroijo drugi, ne bodo odraali na ugledu izvornega avtorja.</para>

<para>Konno, vsaki prosti programski opremi nenehno grozijo programski patenti. elimino se izogniti nevarnosti, da bi razirjevalci proste programske opreme posamino dobivali patentna dovoljenja in s tem naredili program lastniki (angl. proprietary). Za prepreitev tega jasno zahtevamo, da mora biti dovoljenje vsakega patenta tako, da ga lahko vsakdo prosto uporablja, ali pa sploh ne sme biti omejen s kakrnimkoli dovoljenjem.</para>

Sledijo natanke doloitve in pogoji za razmnoevanje, razirjanje in spreminjanje.</sect1>

<sect1 id="terms" label="none"> <title>Doloila in pogoji za razmnoevanje, razirjanje in spreminjanje</title>

<sect2 id="sect0" label="0"> <title>Razdelek 0</title> <para>Dovoljenje se nanaa na vsak program ali drugo delo, ki vsebuje obvestilo lastnika avtorskih pravic (angl. copyright holder) z izjavo, da se program ali drugo delo lahko razirja pod pogoji Splonega Javnega Dovoljenja GNU (angl. General Public License). <quote>Program</quote> se v nadaljevanju nanaa na vsak tak program ali delo, in <quote>delo, ki temelji na tem programu</quote> pomeni bodisi program ali pa katerokoli izvedeno delo po zakonu o avtorskih pravicah (angl. copyright law): se pravi delo, ki vsebuje program ali njegov del, bodisi dobesedno ali s spremembami in/ali prevedeno v drug jezik. (Tukaj in povsod v nadaljevanju je prevod vkljuen brez omejitve v pojem <quote>spremembe</quote>.) Vsak zavezanec k dovoljenju je opredeljen kot <quote>vi</quote>.</para>

<para>Dovoljenje ne pokriva nobenih drugih dejavnosti razen razmnoevanja, razirjanja in sprememb; ostale so izven njenega dosegla. Dejanje zagona programa ni omejeno in odvodni zapis programa je zajet le, e njegova vsebina sestavlja delo, iz katerega je izpeljan program (ne glede na to, da je bil narejen z zagnanim programom). Ali je to res ali ne, je odvisno od tega, kaj program dela.</para>

<sect2 id="sect1" label="1"> <title>Razdelek 1</title> <para>Dovoljeno je razmnoevati in razirjati dobesedne izvode izvorne kode programa v enaki obliki, kot jo
dobite, preko kateregakoli nosilca, e je le na vsakem izvodu razložno in primerno objavljeno obvestilo o pravicah razirjanja in zanikanje jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsaknega jamstva pustite nedotaknjena; in da prejmejo vse drugi prejemniki programa poleg programa e izvod tega dovoljenja.</para>

<para>Za fizijo dejanje prenosa kopije lahko zaraunavate in po vai presoji lahko ponudite garancijsko zaizo v zameno za plailo.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Razdelek 2</title>
<para>Dovoljeno je spreminjati va izvod ali izvode programa ali katerikoli njegov del, in tako narediti delo, ki temelji na programu, ter razmnovati in razirjati takne spremembe ali dela pod pogoji zgornjega <link linkend="sect1">Razdelka 1</link>, e je zadoeno tudi vsem naslednjim pogojem: <orderedlist numeration="loweralpha">
<li>Zagotoviti je treba, da spremenjene datoteke nosijo vidna obvestila o tem, da so spremenjena in datum vsake spremembe.</li>
<li>Zagotoviti je treba, da je vsako delo, ki ga razirjate ali izdajate in ki v celoti ali deloma vsebuje program ali katerikoli njegov del ali pa je iz njega izpeljano, objavljeno pod pogoji tega dovoljenja kot celota brez plaila katerikoli tretji osebi.</li>
<li>e spremenjeni program ob zagonu navadno bere ukaze interaktivno, je treba zagotoviti, da se ob najbolj obajnem zagonu za takno interaktivno uporabo izpie ali pokae najava, ki vkljuje ustrezen sporilo o pravicah razirjanja in sporilo, da jamstvo ni zagotovljeno (ali pa sporilo, da ponujate jamstvo) in da lahko uporabniki razirjajo program pod temi pogoji, in pove uporabniku, kako poglobij izvod tega dovoljenja. <note>
<title>Izjema:</title>
<para>e je sam program interaktiven, vendar navadno ne izpie takne najave, tudi za vae delo, ki temelji na programu, ni nujno, da jo.</para>
</note></li>
</orderedlist></para>

<para>Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je lahko prepoznati, niso izpeljani iz programa in se jih lahko ima za neodvisna in loena dela sama po sebi, potem to dovoljenje in njeni pogoji zanje ne veljajo, kadar jih razirjate loeno. Vendar, kadar te ste razdelke razirjate kot del celote, ki je delo, ki temelji na programu, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja za druga dovoljenja se razirjajo na vso celoto in torej na vsak njen del, ne glede na to, kdo ga je napisal.</para>

<para>Torej, namen tega razdelka ni, da bi zanimal ali spodbijal vae pravice do dela, ki ste ga v celoti napisali sami; namesto tega je namen raziriti pravico do nadzora razirjanja na izpeljana ali zbrana dela, ki temeljijo na programu.</para>

<para>Poleg tega, e gre za zgroj kopijanje drugega dela, ki ne temelji na programu, s programom (ali z delom, ki temelji na programu) na mediju za shranjevanje ali distribucijskem mediju, se dovoljenje na to drugo delo ne nanaa.</para>
<sect2 id="sect3" label="3">
<title>Razdelek 3</title>

<para>Program (ali delo, ki temelji na njem, pod doloil <link linkend="sect2">razdelka 2</link>) je dovoljeno razmnoevati in razirjati v objektini kod ali izvedljivi obliki pod pogoji zgornjih <link linkend="sect1">razdelkov 1</link> in <link linkend="sect2">2</link>, e izpolnite tudi kaj od tega: <orderedlist numeration="loweralpha">
</listitem>
<listitem>
</listitem>
<listitem>
</listitem>
<listitem>
</listitem>
</orderedlist>

Izvorna koda pri delih pomeni obliko dela, najprimernejo za izdelavo sprememb. Pri izvedljivem delu pomeni izvorna koda vso izvorno kodo za vse module, ki jih vsebuje, poleg tega pa e morebitne datoteke z definicijami vmesnika, povezane s tem delom in skripte, uporabljane za nadzor prevajanja in namestitev izvedljive datoteke. Vendar - kot posebna izjema - ni nujno, da razirjana izvorna koda vkljuje vse, kar se navadno razirja (v izvorni ali strojni obliki) z vejimi komponentami (prevajalnik, jedro, in tako naprej) operacijskega sistema, na katerem tee izvedljiva datoteka, razen e ta komponenta spremlja izvedljivo datoteko. e se razirjanje izvedljive datoteke ali objektne kode izvede s ponujenim dostopom za prepisovanje z za to namenjenega mesta, potem ponujanje ekvivalentnega dostopa za razmnoevanje izvorne kode z istega mesta teje kot razirjanje izvorne kode, eprav tretje osebe niso prisiljene razmnoevati izvorne kode poleg objektne kode.</para>

<para>Več</para><sect2 id="sect4" label="4">
<title>Razdelek 4</title>

<para>Ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja ali razirjati programa drugae, kot to izrecno dooloa prijoe dovoljenje. Vsak drugi poskus razmnoevanja, spreminjanja, podrejanja dovoljenja ali razirjanja Dokumenta je nien, in samodejno prekine vae pravice, izhajajoce iz tega dovoljenja. Vendar pa se osebam, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler se ji popolnoma podrejajo.</para>
</sect2>
</sect2>
<title>Razdelek 5</title>

<para>Ni vam treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam razen nje ni ne dovoljuje spreminjanja ali razirjanja programa ali iz njega izpeljanih del. e ne sprejmete tega dovoljenja, ta dejanja prepoveduje zakon. Torej, s spremembo ali razirjanjem programa (ali kateregakoli dela, ki temelji na programu), pokaete svoje strinjanje s tem dovoljenjem in z vsemi njegovimi doloili in pogoji za razmnoevanje, razirjanje ali spreminjanje programa ali del, ki temeljijo na njem.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Razdelek 6</title>

<para>Vsaki, ki razirjate program (ali katerokoli delo, ki temelji na programu), prejemnik samodejno prejme dovoljenje izvornega izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, razirjanje ali spreminjanje programa glede na ta doloila in pogoje. Ni dovoljeno vsiljevati nobenih nadaljnih omejitev izvajanja prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem dovoljenjem.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Razdelek 7</title>

<para>e so vam, kot posledica presoje sodia ali suma kritve patenta ali zaradi kateregakoli drugega razloga (ne omejenega zgolj na patentna vpraanja), vsiljeni pogoji (bodisi z odlokom sodia, sporazumom ali drugae), ki nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo pogojev tega dovoljenja. e programa ne morete razirjati tako, da hkrati zadostite svojim obvezam pod dovoljenjem ali vendar seljati tretje osebe s tem dovoljenjem. Na primer, e patentno dovoljenje ne dovoli razirjanja programa brez plaevanja avtorskega honorarja vseh, ki prejmejo kopije neposredno ali posredno od vas, potem je edina mona pot, da zadostite temu pogoju in temu dovoljenju ta, da se v celoti vzdrite razirjanja programa.</para>

<para>e se za katerikoli del tega razdelka ugotovi, da je neveljaven ali da se ga ne da izvajati pod kateremkoli doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota velja v drugih primerih.</para>

<para>Namen tega razdelka ni, da bi vas napeljeval h kritvi patentov ali drugih trditev lastnitva pravic ali izpodbijal veljavnost katerihkoli taknih trditev; edini namen tega razdelka je itenje integritete sistema distribucije proste programske opreme, ki je izveden s prakso javnih dovoljenj. Mnogi ljudje so radodarno prispevali k irokemu naboru programske opreme, razirjane preko tega sistema, v upanju na njegovo dosledno izvajanje; od avtorja/dajalca je odvisno, e je pripravljen razirjati programje skozi katerokoli drug sistem, in izdajatelj dovoljenja ne more vsiljevati te izbire.</para>

<para>Ta razdelek namerava temeljito pojasniti, kaj so predvidene posledice nadaljevanja dovoljenja.</para>

</sect2>

<sect2 id="sect8" label="8">
<title>Razdelek 8</title>

<para>e sta razirjanje in/ali uporaba programa omejena v doloenih dravah, bodisi zaradi patentov ali vmesnikov s posebno pravico razirjanja (angl. copyrighted interfaces), lahko izvorni lastnik ali lastnica pravic razirjanja, ki
postavlja program pod to dovoljenje, doda izrecno zemljepisno omejitev razirjanja, ki izključuje te drave, tako da je razirjanje dovoljeno le v in med dravami, ki niso na tak način izključene. V takem primeru to dovoljenje vključuje omejitve, kot da so napisane v telesu tega dovoljenja.&para;

sect2

sect2 id="sect9" label="9"
<title>Razdelek 9</title>

<para>Ustanova Free Software Foundation lahko od asa do asa izdaja preurejene in/ali nove razliice Splonega Javnega dovoljenja (angl. General Public License). Nove razliice bodo pisane v duhu trenutne razliice, vendar se lahko razlikujejo v podrobnostih, ki bodo obravnavale nove teave ali poglede.&para;</para>

sect2

sect2 id="sect10" label="10"
<title>Razdelek 10</title>

<para>Vsaki različici je prirejena razloevalna tevilka različice. e program doloa tevilko različice tega dovoljenja, ki se nanaa nanj in &quote;na katerekoli poznejše različice&quot;, imate izbiro upotevanja pogojev in doloil bodisi te različice ali katerekoli poznejše različice, ki jo je izdala ustanova Free Software Foundation. e program ne doloa tevilke različice tega dovoljenja, lahko izberete katerokoli različico, ki jo je kdajkoli izdala ustanova Free Software Foundation.&para;</para>

sect2

sect2 id="sect11" label="11"
<title>BREZ JAMSTVA</title>
<br/>&nbsp;

<para>KER JE PROGRAM Z DOVOLJENJEM OPREDELJEN KOT BREZPLAEN, NI NOBENEGA JAMSTVA ZA PROGRAM DO MEJE, KI JO DOLOA PRISTOJNI ZAKON. RAZEN, E NI Drugae NAPISANO, IMETNIKI PRAVIC RAZIRJANJA IN/ALI DRUGE OSEBE PONUJAJO PROGRAM &quot;TAK, KOT JE&quot;, BREZ ZAGOTOVILA KAKRNEKOLI VRSTE, NEPOSREDNEGA ALI POSREDNEGA, KAR VKLJUČUJE, A NI OMEJENO NA POSREDNA JAMSTVA CENOVNE VRREDNOSTI IN PRIMERNOSTI ZA DOLOENO UPORABO. CELOTNO TVEGANJE GLEDE KAKOVOSTI IN DELOVANJA PROGRAMA PREVZAMETE SAMI. E SE PROGRAM IZKAZE ZA OKVARJENE, SAMI NOSITE STROKKE VSEH POTREBNIH STORITEV, POPRAVIL ALI POPRAVKOV. &para;</para>

sect2

sect2 id="sect12" label="12"
<title>Razdelek 12</title>

<para>V NOBENEM PRIMERU, RAZEN E TAKO PRAVI VELJAVNI ZAKON ALI JE PISNO DOGOVORJENO, NE BO LASTNIK PRAVIC RAZIRJANJA ALI KATERAKOLI DRUGA OSEBA, KI LAHKO
SPREMENI IN/ALI PONOVNO RAZIRJA PROGRAM, KOT JE DOVOLJENO ZGORAJ, PREVZEL ODGOVORNOSTI ZARADI KODE, NAJSI GRE ZA SPLONO, POSEBNO, NENAMERNO KODO ALI KODO, IZHAJAIJOI USPORABE ALI NEZMONOSTI USPORABE PROGRAMA (VKLIJUNO Z, A NE OMEJENO NA, IZGUBO PODATKOV ALI NENATANNO OBDELAVO PODATKOV ALI IZGUBO, POVZROENO VAM ALI TRETJIM OSEBAM ALI NEZMONOST PROGRAMA, DA BI DELOVAL S KAKIM DRUGIM PROGRAMOM), ETUDI JE BIL TAK LASTNIK ALI DRUGA OSEBA OBVEEN O MONOSTI NASTANKA TAKNE KODE.”
Edonork egin eta banatu ditzake lizentzia-dokumentu honen kopia literalak, baina debekatuta dokumen- tuan aldaketak egitea.<br/>

LEGAL NOTICE<br/>

RELEASEINFO 2.1 bertsioa, 1999ko otsaila</releaseinfo>

ABSTRACT role="description">

Softwarea partekatzeko eta aldatzeko askatasuna diseinatuta daude software-lizentzia gehienak. Aitzitik, software libre partekatuko eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorra erabiltzen xedea, hau da, software erabiltzaiak guztientzat libre izango dela ziurta.  

ARTICLEINFO

<sect1 id="preamble" label="none">

TITLIE Aitzinsolasa

Softwarea partekatzeko eta aldatzeko askatasuna diseinatuta daude software-lizentzia gehienak. Aitzitik, software libre partekatuko eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorren xedea, hau da, software erabiltzaiak guztientzat libre izango dela ziurta.</sect1>


Software libreaz hitz egiten dugunean, askatasunari buruz ari gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokorren xedea da software librearen kopiarrik banatzezko (eta, nahi izanez gero, zerbitzua horrenetak gorak, askatasuna duzula ziurta, iturburu-kodea jasoko duzula edo, nahi izanez gero, hartzeko aukera duzula bermatza, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea duzula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea.</sect1>

Zure eskubideak babesteko, banatzaileek zuri eskubide hauke utzatzea edo eskubide horiei uko eginaz dakasko debekatzea eta eragozkon mugak jarri behar ditugu. Mugaketa horien ondorioz, liburutegia aldatu edo kopiarrik banatzen badituzu, zehar erantzikuzu hartuko dituzte zure gain.  


Bi urrats ez osatutako metodoarekin babesten ditugu zure eskubideak: (1) liburutegiaren egile-eskubideak erregistratzen ditugu, eta (2) liburutegia kopiatzeko, banatzezko eta/edo aldatzeko legezko baimena ematen dizun
Banatzaileak babesteko, argi utzi nahi dugu liburutegi libreak ez duela bermerik. Norbaitek liburutegi aldatzen eta banatzen badu, hartzaillek jakin behar dute haiek dutena ez dela jatorrizko bertsioa, eta, beraz, besteren batek sortutako arazoek ez dutela jatorrizko egilearen ospea kaltetuko.</para>

Azkenik, software-patenteak etengabeko arriskua dira programa libreentzat. Ziurtatu nahi dizugu enpresa batek ezin dituela programa libre baten erabiltsaileak mugatu patentea duenaren lizentzia murritzailea lortuz. Horregatik, azpimarratzen dugu liburutegiaren bertsio batetik eskuratutako patenteak lizentzia honetan zehazten den erabilera-askatasuna izan beha duela.</para>

GNU softwarearen zati handiena, liburutegi batzuk barne, GNU Lizentzia Publiko Orokorren baldintzapean dago. GNU Hedadura Txikiagoko Lizentzia Publiko Orokorra liburutegi jakin batzuei aplikatzen zaie, eta Lizentzia Publiko Orokorretik asko desberdintzen da. Lizentzia hori liburutegi batzuetan erabiltzen dugu programa libreak ez diren programen liburutegietara estekatu ahal izateko.</para>


Lizentzia honi "Hedadura Txikiagoko" Lizentzia Publiko Orokorra deitzen diogu, erabiltzailearen askatasuna Lizentzia Publiko Orokor arruntak baino gutxiago babesten baiatu. Bestalde, software librearen garatzaileei abantaila gutxiago eskaintzen ditzkie programa ez-libreakin lehian aritzeari dagokionez. Ergazpen horiengatik erabiltzen dugu Lizentzia Publiko Orokor arrunta hainbat liburutegirentzat. Hala ere, Hedadura Txikiagoko lizentziak abantailak eskaintzen ditu egoera berezietan.</para>


KOPIATZEKO, BANATZEKO ETA ALDATZEKO BALDINTZAK

0. ATALA

Hedadura Txikiagoko Lizentzia Publiko Orokor honen (Lizentzia hau ere deitua) baldintzapean banatu daitekeela adierazten duen oharra jarri baldin badio egile-eskubideen jabeak software-liburutegi bati edo beste programa bati, lizentzia-contratu hau aplikatuko zaio liburutegi edo programa horri. Lizentziadun oro adierazteko, <quote>zu</quote> erabiltzen da. (para)

Liburutegia software-funtzioen eta/edo datuen bilduma bat da, exekutagarriak sortzearen aplikazio-programekin behar bezala estekatzeko prestatuak (aplikazio-programek funtzio eta datu horietako batzuk erabiltzen dituzte). (para)

Liburutegiaren zati bat daukan lana, bai kopia literalak, bai aldatak, dituen kopia, bai beste hizkuntza batera itzulitakoa. (Aurrerantzean, itzulpena <quote>aldaketa</quote> terminoaren sartuko da inongo mugarik gabe.) (para)

Liburutegiaren iturburu-kode osoa jaso bezala kopiatu eta banatu dezakezu edozein euskarritan, baldin eta kopia bakoitzari behar bezala eta ikusteko moduan jartzen badirulo egile-eskubideen oharra eta bermerik ez duela dioen oharra; Lizentziari eta bermerik ezari dagozkion ohar guztia oso-osorik uzten badituzu; eta Lizentziaren kopia Liburutegiarekin batera banatzen baduzu. (para)

Kuota kobra dezakezu kopia ematearen ekintza fisikoagatik, eta zure esku dago garantia-babesa ematea kuota baten truke. (para)

1. ATALA

Liburutegiaren iturburu-kode osoa jaso bezala kopiatu eta banatu dezakezu edozein euskarritan, baldin eta kopia bakoitzari behar bezala eta ikusteko moduan jartzen badirulo egile-eskubideen oharra eta bermerik ez duela dioen oharra; Lizentziari eta bermerik ezari dagozkion ohar guztia oso-osorik uzten badituzu; eta Lizentziaren kopia Liburutegiarekin batera banatzen baduzu. (para)

2. ATALA

Liburutegia software-funtzioen eta/edo datuen bilduma bat da, exekutagarriak sortzearen aplikazio-programekin behar bezala estekatzeko prestatuak (aplikazio-programek funtzio eta datu horietako batzuk erabiltzen dituzte). (para)
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</para>

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In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>
Liburutegia kopiatu edo banatu dezakezu (edo Liburutegian oinarritutako lana, <link linkend="sect2">2. atalean</link>) azalten den bezala) objektu-kodean edo forma exekutagarrian (<link linkend="sect1">1.</link> eta <link linkend="sect2">2.</link> ataletako baldintzei jarraiki, baldin eta makina bidez irakurtzeko moduko iturburu-kode osoaarekin batera banatzen baduzu, goiko <link linkend="sect1">1.</link> eta <link linkend="sect2">2.</link> ataletan biltzen diren baldintzak betez softwarea trukatzeko eskuarki erabilten den euskarian. 

Objektu-kodeen banaketa xede horretarako zehaztutako leku batetik kopiatzeko sarbidea eskainiz egiten bada, leku beretik iturburu-kodea kopiatzeko sarbide baliokiidea eskaintzeak iturburu-kodea banatzeko baldintza betetzen du, nahiz eta hirugarren alderdiak ez dauden behartuta objektu-kodearekin batera iturburua kopiatzera.</para>

Programa batek Liburutegiaren zatietatik eratorri ez den edukia duenean, baina Liburutegiaren lan egiteko diseinatua dagoenean (harekin kompilatuta edo estekatuta), <quote>Liburutegia erabiltzen duen lana</quote> deitzen zaio. Horrelako lanak, bakarka, ez dira Liburutegitik eratorritako lanak, eta, beraz, Lizentzia honen esparrutik kanpo daude. 


Horrelako objekutu-fitxategi batek zenbakizko parametroak, datu-egituraren diseinuak eta gehigarriak, makro txikiak eta barneko funtzio txikiak (hamar lerro edo gutxiago luzeran) soilk erabilten baditu, objektu-fitxategiaren erabilera mugatu gabe egongo da. Legulki lan eratorria den edo ez kontuan hartu gabe. (Objektu-kodea eta Liburutegiaren zatiaik dituzten exekutagarriak <link linkend="sect6">6.atalean</link> zehazten dira.) 

Bestela, lana Liburutegiaren eratorria bada, lanaren objektu-kodea <link linkend="sect6">6. ataleko</link> baldintzen pean banatu dezakezu. Lan hori duen edozein exekutagarri ere <link linkend="sect6">6. atalean</link> sartuko da, Liburutegiarenk zuzenean estekatuta dagoen edo ez kontuan hartu gabe. 

Goiko atalen salbuespen gisa, <quote>Liburutegia erabiltzen duen lana</quote> Liburutegiaren kombina edo estekatu dezaizki Liburutegiaren zatiaik dituen lana sortzeko, eta lan hori nahi duzun baldintzen arabera banatu dezaizki, betiere, baldintza horiek lana aldatzeneuz badate bezeroak erabili ahal izateko eta ingeniaritza alderantzikutzen ustzen badute aldaketa horiek aratzeko.
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Exekutagarri, behar den "Liburutegia erabiltzen duen lan"ak exekutagarria kopiatzeko behar diren datu eta programa-utilitateak eduki behar dutu. Nolanahi ere, aparteko salbuespen gisa, banatzen den materialak ez dauka exekutatzeko erabiltzen den sistema eragilearen osagai nagusiekin (konpiladorea, nukleoa eta abar) banatu ohi den guztia eman beharririk (iturburu nahiz bitar moduan), baldin eta osagaia bera ez bada exekutagarriarrekin batera banatzen.

Baliteke baldintza hori liburutegien jabeari buruz lizentzian ezartzen diren mugekin kontraesanean egotea (normalean ez dira sistema eragilearekin batera etortzen). Kontraesan horrek esan nahi du ezin dituzula biak batera erabili banatzen duzun exekutagarri batean.

Liburutegian oinarritutako lana diren liburutegi-eginbideak elkarren ondoan jar ditzakezu liburutegi bakarrean, Lizentzia honetan aipatzen ez diren beste liburutegi-eginbide batzuekin batera, eta horrelako liburutegi konbinatuak banatu ditzakezu, betiere Liburutegian oinarritutako lanaren eta beste liburutegi-eginbide batzuen banaketa bereizia onartzen bada, eta zuk bi gauza hauek egiten badituzu.

Liburutegi konbinatua Liburutegian oinarritutako lan berdiraren kopiarekin banatu, beste inolako liburutegi-eginbiderik sartu gabe. Goiko atalean zehaztutako baldintzen pean banatu behar da.

Liburutegi konbinatuan ohar nabarmen bat jarri bere zati bat Liburutegian oinarritutako lana dela adierazi, eta lan beraren konbinatu gabeko formatua non aurkitu daitekeen azaldu.

 Glückliche Verwendung von Open Source in Data Center Network Manager 11.5(1) 6209
Debekatuta dago lizentzia honen baitan espresuki adierazitakoa bete gabe Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzea. Beste era batean Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzeko saio oro deuseza izango da, eta Lizentzia honen baitan dauzkazun eskubideak automatikoki kendu egingo zaizkizun. Dena den, Lizentzia honen pean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak kenduko, baldintza guztiak betetzen dituzten bitartean. 


Atal honen zatiren bat baliogabeko edo beteezina bada egoera bereziren batean, atalaren gainerako guztia aplikatu beharko da, eta atala bere osotasunean aplikatu beharko da beste egoeretan.

Atal honek argi eta garbi utzi nahi du zer den Lizentziaren zatiaren ondoriozat jotzen dena.</para>


LIBURUTEGIAREN LIZENTZIA DOAN EMATEN DENEZ, LIBURUTEGIAK EZ DU BERMERIK, LEGE APLIKAGARRIAK ONARTZEN DUEN NEURRIAN, AURKAKORIK ADIERAZTEN EZ DEN KASUETAN, JABETZA INTELEKTALEKO ESKUBIDEA DUTENEA ETA/EDO BESTE ALDERDI BATZUEK LIBURUTEGIA DAGOEN-DAGOENEAN EMATEN DUTE INOLako BERMERIK GABE, EZ ESPRESUKI ADIERAZITAKORIK ETA EZ INPLIZITURIK, BARNE HARTUZ, BAINA HORRETARA MUGATU GABE, MERKATURATZeko edo xede jakin baterako
EGOKITASUNAREN BERMEA. LIBURUTEGIAREN KALITATEARI ETA ERRENDIMENDUARI DAGOKIONEZ, ZURE GAIN DAGO ARRISKU GUZTIA. LIBURUTEGIAREN AKATSIK IZANGO BALU, KONPONTZEKO EDO ZUZENTZEKO BEHARREZKO ZERBITZU GUZTIEN KOSTUA ZURE GAIN HARTU BEHARKO ZENUKE.</para>

<sect2 id="sect16" label="16">
<title>16. atala</title>
<para>LEGE APLIKAGARRIAK EDO IDATIZ JASOTAKO BORONDATEZKO AKORDIO BATEK HALA ESKATZEN DUELAKO EZ BADA, EZIN IZANGO DIOZU JABETZA INTELEKTUALEKO ESKUBIDEDUNARI EDO GOIAN BAIMENTZEN DEN BEZALA LIBURUTEGIA BIRBANATU EDO ALDA DEZAKEEN BESTE ALDERDI BATI ERANTZUKIZUNIK ESKATU EZ KALTEENGATIK, EZ LIBURUTEGIAREN ERABILERRAREN EDO ERABILTZEKO EZGAITASUNAREN ONDORIOZ SOR LITEZKEEN KALTE OROKOR, BEREZI, GEHIGARRI EDO ONDORIOZKOENGATIK (BESTEAK BESTE, DATUAK GALTZEA EDO HONDATZEA, EDO ZUK EDO BESTE NORBAITEK JASANDAKO GALERAK, EDO BESTE SOFTWARE BATEKIN LAN EGITEKO LIBURUTEGIAREN HUTS EGITEREN BAT), NAHIZ ETA ESKUBIDEDUNARI EDO BESTE NORBAIT HORRI KALTEAK IZAN LITEZKEELA AURRETIK ABISATU IZAN.</para>
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<note>
<title>Exception:</title>
<para>
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PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
</para>
</sect2>

<sect2 id="sect12" label="12">
<title>Section 12</title>

<para>
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
</para>
</sect1>
</article>
We protect your rights with two steps:
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions:
You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Exception:
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
You may copy and distribute the Program (or a work based on it, under
Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any
third party, for a charge no more than your cost of physically performing source
distribution, a complete machine-readable copy of the corresponding source code,
to be distributed under the terms of Sections 1 and 2 above on a medium customarily
used for software interchange; or,

Accompany it with the information you received as to the offer to distribute
the corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form
with such an offer, in accord with Subsection b above.)
De flesta programvarulicenser r skapade fr att ta bort din frihet att ndra och dela med dig av programvaran. GNU General Public Licenses (nedan kallade GPL) r i stllet avsedda att garantera din frihet att dela med dig av och frndra fri programvara att frskra att programvaran r fri fr alla dess anvndare.

Nr vi talar om fri programvara syftar vi p frihet att anvnda den, inte pris. Vra GPL r skapade fr att garantera din rtt att distribuera kopior av fri programvara (och ta betalt fr tjnsten om du nskar), att garantera att du fr kllkoden eller kan f den om du s nskar, att garantera att du kan ndra i programvaran och anvnda delar av den i ny fri programvara samt att garantera att du r informerad om dessa rttigheter.

Denna licens, Lesser General Public License, gller vissa specialutformade programpaket srskt bibliotek frn Free Software Foundation och andra upphovsmn som bestmmer sig fr att anvnda licensen. Du kan ocks anvnda licensen, men vi freslr att du utfbr beskrivningen nedan funderar p om det r den hr licensen eller ordinarie GPL som r den bsta strategin fr dig.

Nr vi talar om fri programvara syftar vi p frihet att anvnda den, inte pris. Vra GPL r skapade fr att garantera din rtt att distribuera kopior av fri programvara (och ta betalt fr tjnsten om du nskar), att garantera att du fr kllkoden eller kan f den om du s nskar, att garantera att du kan ndra i programvaran och anvnda delar av den i ny fri programvara samt att garantera att du r informerad om dessa rttigheter.
Fr att skydda dina rättigheter mste vi infra begränsningar som frbjuder distributörer att hindra dig frn att använda dessa rättigheter eller krva att du skall ge upp dessa rättigheter. Dessa begränsningar motsvaras av vissa frpliktelser fr dig om du distribuerar kopior av biblioteket eller om du ndrar biblioteket.

Om du exempelvis distribuerar kopior av biblioteket, gratis eller mot en avgift, mste du ge mottagaren alla de rättigheter du sjlv har. Du mste ocks se till att mottagaren fr eller kan f klökoden. Om du lnkar annan kod till biblioteket mste du tillhandahålla fullständiga objektfiler till mottagaren s att han/hon kan terlnka dem med biblioteket efter att ha gjort ndringar i biblioteket och kompilerat om det. Du mste ven visa dessa licensvillkor fr mottagaren s att han/hon knner till sina rättigheter.

Vi skyddar dina rättigheter i tv steg: (1) upphovsrätt till biblioteket och (2) dessa licensvillkor som ger dig laglig tilltelse att kopiera, distribuera och/eller ndra biblioteket.

Fr varje enskild distributörs skerhet vill vi frtydliga att det inte Imnas nga garantier fr det fria biblioteket. Om biblioteket ndras av ngen annan upphovsmannen och vidareverlts, br mottagaren knna till att han/hon inte har originalversionen och att fnndringar av och felaktigheter i biblioteket inte skall belasta den ursprunglige upphovsmannen.

Slutligen skall nmnas att all fri programvara hotas av programvarupatent. Vi vill undvika att fretag kan frhindra anvndningen av fri programvara genom att skaffa en begränsade licens frn en patentinnehavare. Vi insisterar drfr p att alla patentlicenser som erhlls fr en version av biblioteket mste vara freliga med den fulla nyttjandefriheten i den hr licensen.

De flesta GNU-program, inklusive vissa bibliotek, tcks av ordinarief GPL. Den hr licensen, GNU Lesser General Public License (nedan kallad LGPL), gller vissa speciferade bibliotek och skiljer sig avsevrt frn GPL. Vi anvnder den hr licensen fr vissa bibliotek i syfte att tillta lnkning av biblioteken till icke-fria programvaror.

Nr ett program lnkas med ett bibliotek, anstoden statiskt eller genom ett delat bibliotek, r sammanslagningen ur rttslig synpunkt ett kbinerat verk, en hrledning ur det ursprungliga biblioteket. Enligt ordinarief GPL tills drfr sdan lnkning endast om hela kombinationen verensstimmer med kriterierna fr fri programvara. LGPL tillter mer uppluckrade kriterier fr lnkning av annan kod till biblioteket.

Vi kallar denna licens <quote>begränsad</quote> eftersom skyddet av anvndarens frihet r mindre n genom ordinarief GPL. Den ger ocks utvecklare av fri programvara frre frdelar jmfrt med konkurrerande icke-fria program. Det r dessa nackdelar som r orsaken till att vi behller GPL fr mga bibliotek. Den begränsade licensen medfr dock frdelar under vissa speciella omständigheter.

I sllsynta fall kan det finnas srskilt behov av att uppmuntra breddad mjliga anvndning av ett visst bibliotek s att det de facto blir standard. I syfte att uppn detta mste icke-fria program tilltas anvnda biblioteket. Vanligare r att ett fritt bibliotek utf r samma uppgift som ofta anvnda icke-fria bibliotek. I det senare fallet finns det inte mycket att vinna p att begrnna det fria biblioteket till fri programvara enbart, s vi anvnder d den begrnade licensen.

I andra fall ger tilltelse att anvnda ett visst bibliotek i icke-fria program fler mnnskor mjlighet att anvnda en stor mngd fria programvaror. Som exempel kan nmnas att tilltelse att anvnda biblioteket GNU C i icke-fria program, gr det mjligt fr fler personer att anvnda hela GNU-operativsystemet eller GNU/Linux-operativsystemet.

ven om den begrnade licensen ger ett mindre omfattande skydd av anvndarnas frihet, garanterar det att
av användaren av ett program som r lnakat till biblioteket har friheten och möjligheten att kra programmet via en ndrad version av Biblioteket.

<para>De exakta villkoren och frusttningarna fr att kopiera, distribuera och ndra programvaran beskrivs nedan. Observera skillnaden mellan ett verk r <quote>baserat p biblioteket</quote> och ett <quote>verk som anvnder biblioteket</quote>. Det frstnmnda innehller kod som hrlletts ur biblioteket medan det senare mste kombineras med biblioteket fr att kras.</para>

</sect1>

<sect1 id="terms" label="none">
<title>VILLKOR FR ATT KOPIERA, DISTRIBUERA OCH NDRA PROGRAMVARAN</title>

<sect2 id="sect0" label="0">
<title>Paragraf 0</title>

<para>Detta licensavtal gller samtliga programbibliotek eller andra program som innehller en upphovsrtsklausul frn upphovsrtsinnehavaren eller annan behrig part som sger att det kan distribueras enligt villkoren i Lesser General Public License (nedan ven kallad <quote>Licensen</quote>). Samtliga licensinnehavare tituleras med <quote>du</quote>.</para>

<para>Med ett <quote>bibliotek</quote> avses en samling programfunktioner och/eller data som frberetts fr att enkelt kunna lnkas till applikationsprogram (som anvnder vissa av dessa funktioner och viss data) fr att skapa krbara filer.</para>


<para>Med <quote>kllkod</quote> fr ett verk avses den fredragna formen av verket fr att kunna gra ndringar av verket. Fr ett bibliotek betyder den fullstndiga kllkoden all kllkod fr alla ingende moduler, eventuella dithrande definitionsfiler fr grnssnitt samt skript som anvnds fr att styra kompilering och installation av biblioteket.</para>

<para>Tgrder utver kopiering, distribution och ndringar omfattas inte av Licensen. Krning av en programvara med hjlp av Biblioteket r inte begrnsad, och resultatet av användningen teks endast om resultatet utgr ett verk baserat p Biblioteket (oberoende av att Biblioteket anvnts i ett verktyg fr att skriva ut det). Detta beror p vad Biblioteket utfr och vad programmet som anvnder Biblioteket utfr.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Paragraf 1</title>

<para>Du kan kopiera och distribuera exakta kopior av Bibliotekets fullstndiga kllkod i den form du mottagit det, oavsett medium, frutsatt att du tydligt och korrekt p varje kopia publicerar en riktig upphovsrtsklausul och garantifriskrivningsklausul, vidhiller alla hnvisingar till Licensen och till alla garantifriskrivningar samt distribuerar en kopia av Licensen tillsammans med Biblioteket.</para>
<para>Du kan ta ut en avgift för proceduren att verfia en kopia och du kan erbjuda garanti mot en avgift om du s
nskar.</para>

</sect2>

<title id="sect2" label="2">
Paragraf 2</title>

<para>Du kan ndra din kopia eller dina kopior av Biblioteket eller delar av det och p s stt skapa ett verk baserat p
Biblioteket. Du kan ven kopiera och distribuera dessa ndringar eller verk enligt villkoren i <link
linkend="sect1">paragraf 1</link> ovan, under frutsttning att ven fljande villkor r uppfyllda: <orderedlist
numeration="loweralpha">
  <listitem><para>Det ndrade verket mste i sig sjlv vara ett programvarubibliotek.</para></listitem>
  <listitem><para>De ndrade filerna mste innehlla tydlig information om att du har ndrat filerna och vilket datum dessa
ndringar utfordes.</para></listitem>
  <listitem><para>Hela verket mste licensieras utan kostnad till alla tredjemn enligt villkoren i Licensen.</para></listitem>
  <listitem><para>Om en modul i det ndrade Biblioteket hnvisar till en funktion eller en datatabell som skall levereras med
ett applikationsprogram som anvnder den modulen, annat n som ett argument nr modulen anropas, mste du frskra
att, i hndelse av att en applikation inte tillhandahiller funktionen eller tabellen, modulen nd fungerar och utfr det den
huvudskligen syftar till.</para></listitem>
  <para>(Exempelvis har en funktion i ett bibliotek som skall berkna kvadratrtter ett klart och vldefinierat syfte
oberoende av applikationen. Drfr krvs att samtliga applikationsfunktioner och -tabeller som anvnds av denna
funktion, enligt paragraf 2d, mste vara valfria: om applikationen inte tillhandahiller det mste kvadratrotsfunktionen
nd berkna kvadratrtter.)</para>
  <para>Dessa krav gller det ndrade verket i dess helhet. Om identifierbara delar av verket inte hrrr frn Biblioteket
och rimligen kan anses fristende och separata verk gller inte licensvillkoren i dessa delar nr de distribueras som
separata verk. Om samma delar distribueras som en del av en helhet som innehller verk baserat p Biblioteket, mste
distributionen i sin helhet ske enligt villkoren i Licensen. Licensen skall i sdant fall glla fr andra licensinnehavare fr
hela verket och dmed till varje del av Biblioteket oavsett vem som r upphovsman till de olika delarna.</para>
  <para>(Exempelvis har en funktion i ett bibliotek som skall berkna kvadratrtter ett klart och vldefinierat syfte
oberoende av applikationen. Drfr krvs att samtliga applikationsfunktioner och -tabeller som anvnds av denna
funktion, enligt paragraf 2d, mste vara valfria: om applikationen inte tillhandahiller det mste kvadratrotsfunktionen
nd berkna kvadratrtter.)</para>
  <para>Dessa krav gller det ndrade verket i dess helhet. Om identifierbara delar av verket inte hrrr frn Biblioteket
och rimligen kan anses fristende och separata verk gller inte licensvillkoren i dessa delar nr de distribueras som
separata verk. Om samma delar distribueras som en del av en helhet som innehller verk baserat p Biblioteket, mste
distributionen i sin helhet ske enligt villkoren i Licensen. Licensen skall i sdant fall glla fr andra licensinnehavare fr
hela verket och dmed till varje del av Biblioteket oavsett vem som r upphovsman till de olika delarna.</para>
  <para>Avsikten med denna paragraf r inte att hvda rttigheter eller ifrgastta dina rttigheter till ett verk som skrivits
helt av dig. Syftet r i stilt att utva rtten att kontrollera distributionen av hredda verk eller kombinerade verk
baserade p Biblioteket.</para>
  <para>Om det p ett lagrings- eller distributionsmedium finns ett annat verk som inte baseras p Biblioteket (eller
ett verk baserat p Biblioteket) tillsammans med Biblioteket omfattas inte det andra verket av Licensen.</para>
</listitem>
</orderedlist>

</sect2>
Paragraf 3

Du kan välja att tillämpa villkoren i GNU GPL i stället för den här Licensen för en viss kopia av Biblioteket. I syfte att ge detta måste du ndra hänvisningar i upphovsrtsklausulerna till GNU GPL, version 2 istället för den här Licensen. (Om det existerar en nyare version av GNU GPL n version 2, kan du ange den versionen i stället.) Du får inte göra andra ndringar i upphovsrtsklausulerna.

När ndringen har genomförs i en viss kopia, r den oterkallelig för denna kopia, s att GNU GPL gäller alla följande kopian och hrledda verk som skapas från den kopian.

Detta alternativ r anvndbart när du vill kopiera delar av Bibliotekets kod till ett program som inte r ett bibliotek.

Paragraf 4

Du kan kopiera och distribuera Biblioteket (eller del av det eller verk hrledda ur Biblioteket enligt paragraf 2) i objektkod eller krbar form enligt villkoren i paragraf 1 och 2 ovan under frutsttning att du bifogar den kompletta maskinlsbara kllkoden, vilken mste distribueras enligt villkoren i paragraf 1 och 2 ovan, p ett medium som i allmnhet anvnds fr utbyte av programvara.

Om distribution av objektkod utfrs genom att erbjuda tillgng till att kopiera den from en bestmd plats skall motsvarande tillgng till att kopiera kllkoden from samma plats rknas som distribution av kllkoden, vem om tredjeman inte behver kopiera kllkoden tillsammans med objektkoden.

Paragraf 5

Ett program som inte innehller del som hrrr frn Biblioteket, men r skapat fr att arbeta med Biblioteket genom att kompileras eller lnkas med det, kallas ett verk som anvnder Biblioteket. Ett sdant verk r i sig inte ett hrlett verk av Biblioteket och faller utanfr licensens rckvidd.

En lnkning av ett verk som anvnder Biblioteket med Biblioteket till en krbar fil en hrledning av Biblioteket (eftersom det innehiller delar av Biblioteket) snarare n ett verk som anvnder Biblioteket. Den krbara filen tcks i sdant fall av Licensen. I en lnkning som skrvs villkoren fr distribution av sdana krbara filer.

När ett verk som anvnder Biblioteket använder material frn en etikettfil som ingr i Biblioteket kan objektkoden fr verket vara ett hrlett verk ur Biblioteket ven om kllkoden inte r det. Denna skillnad r srskt viktig om verket kan lnkas utan Biblioteket eller om verket i sig r ett bibliotek. Var grnsgr fr att detta skall vara ett faktum r inte exakt definierat i lagstiftningen.

Om en sdan objektfil endast anvnder numeriska parametrar, datastrukturlayouter, accessor-funktioner,
korta makron och kortare inline-funktioner (tio rader eller kortare) r anvndningen av objektfilen obegrmsad, oavsett om det lagligen sett r ett hrlett verk. (Krbara filer som innehller objektkoden samt delar av Biblioteket faller nd under <link linkend="sect6">paragraf 6</link>.)</para>

<para>Om verket r en hrledning ur Biblioteket, kan du distribuera objektkoden fr verket enligt villkoren i <link linkend="sect6">paragraf 6</link>. Samtliga krbara filer som innehller det verket faller ocks under <link linkend="sect6">paragraf 6</link>, oavsett om de r inkad dirett till Biblioteket eller inte.</para>

<sect2 id="sect6" label="6">
<title>Paragraf 6</title>

<para>Undantag frn paragraferna ovan kan gras fr kombination eller lnkning av ett <quote>verk som anvnder Biblioteket</quote> med Biblioteket fr att skapa ett verk som innehller delar av Biblioteket samt distribution av verket enligt andra villkor, under frutsttning att villkoren tillter ndringar i verket fr kundens egen rkning och omvnt en miljhet att ta bort ndringarn.</para>

<para>Varje kopia av verket mste tfljas av ett tydligt meddelande att Biblioteket anvnds i verket och att Biblioteket och dess anvndning tcks av den hr Licensen. Du mste bifoga en kopia av Licensen. Om verket under knning visar upphovsrtsklausuler mste du ven inkludera upphovsrtsklausuler fr Biblioteket samt en referens till kopian av denna Licens. Du mste ven gra en av fljande saker: <orderedlist numeration="loweralpha">
<li>Bifoga den kompletta klkoden fr Biblioteket i maskinlsbar form inklusive eventuella ndringar som anvnts i verket (vila skall distribueras enligt paragraf <link linkend="sect1">1</link> och <link linkend="sect2">2</link>) samt, om verket r en kvar fil inkad till Biblioteket, det kompletta maskinlsbara <quote>verket som anvnder Biblioteket</quote> som objektkod och/eller klkod, s att anvndaren kan ndra Biblioteket och sedan terlnka det fr att skapa en frndrad kvar fil innehllande det ndrade Biblioteket. (Detta beror p att anvndaren som ndrar innehlet av definitionsfilerna i Biblioteket kanske inte kan kompilera om applikationen fr att anvnda de ndrade definitionerna.)</li>
<li>Anvnda en lmplig delad biblioteksfunction fr lnkning med Biblioteket. En lmplig funktion r en som (1) under knningen anvnder en redan befintlig kopia av biblioteket i stllet fr att kopiera biblioteksfunktioner till den krbara filen och (2) fungerar korrekt med en ndrad version av biblioteket, om anvndaren installerar en, s lnge den ndrade versionen r grnssnittskompatibel med versionen som verket skapades fr.</li>
<li>Bifoga ett skriftligt erbjudande, gllande i minst tre r, att ge samma anvndare materialen upprknade i <link linkend="sect6">a</link> ovan, mot en avgift som inte r hgre n sjlvkostnaden fr distributionen.</li>
<li>Om distributionen av verket sker genom erbjudande av tillgng till kopiering frn en bestmd plats, erbjuda motsvarande tillgng att kopiera de ovan nmnda materialen frn samma plats.</li>
<li>Kontrollera att anvndaren redan har mottagit en kopia av materialen eller att du redan har skickat en kopia till denna anvndare.</li>
</orderedlist>
Fr krbara filer mste verket som använder Biblioteket innehålla samtliga data- och hjälpprogram som behövs för att skapa en kvar fil från den. Ett undantag kan dock gräs för material som normalt distribueras, antingen i binär form eller källkod, med huvudkomponenterna (komparator, krna osv.) i vilket den kvarbara filen krs, svida inte denna komponent medfjär den kvarbara filen.

Det kan inträffa att detta krav motsger licensbegränsningarna i andra patentade bibliotek som normalt inte medfjär operativsystemet. Sdana begränsningar innebär att du inte kan använda de patentade biblioteken samtidigt med Biblioteket i en kvar fil som du distribuerar.

Du kan placera biblioteksfunktioner som är ett verk baserat på Biblioteket sida vid sida i ett enskilt bibliotek tillsammans med andra biblioteksfunktioner som inte teks av Licensen, och distribuera ett sådant kombinerat bibliotek under friståtning att separat distribution av verket baserat på Biblioteket och av de andra biblioteksmoduleerna är tillåtet, samt under friståtning att du gr ngot av fljande:

2. Meddela tydligt i det sammansatta biblioteket att en del av biblioteket är ett verk baserat på Biblioteket samt frklara var den medfjärande separata versionen av samma verk kan terfinnas.

Du får inte kopia, ndra, licensiera, lnka till eller distribuera Biblioteket utom på det sätt som uttryckligen anges i Licensen. Alla andra frsatt att kopiera, ndra, licensiera, lnka till eller distribuera Biblioteket är ogiltiga och upphör automatiskt dina rättigheter enligt Licensen. Tredje man som har mottagit kopior eller rättigheter från dig enligt Licensen kommer dock inte att frlora sina rättigheter s Inge de fljera licensvillkoren.

Du lggs inte att acceptera Licensen eftersom du inte har undertecknat detta avtal. Du har dock ingen rätt att ndra eller distribuera Biblioteket eller verk baserade på Biblioteket. Sdan verksamhet är frbjuden i lag om du inte accepterar Licensen. Genom att ndra eller distribuera Biblioteket (eller verk baserat på Biblioteket) visar du genom...
ditt handlande att du accepterar Licensen och alla villkor fr att kopiera, distribuera eller ndra Biblioteket eller verk baserade p Biblioteket.</para>
</sect2>

<sect2 id="sect10" label="10">
<title>Paragraf 10</title>

<para>Varje gng du distribuerar Biblioteket (eller verk baserat p Biblioteket) erhller mottagaren automatiskt en licens fn den ursprunglige licensgivaren att kopiera, distribuera, lnka till eller ndra Biblioteket enligt dessa licensvillkor. Du kan inte lgga mottagaren ngra andra begrnsningar av rttigheterna n de som fljer av licensvillkoren. Du r inte skyldig att tllse att tredje man fljer Licensen.</para>
</sect2>

<sect2 id="sect11" label="11">
<title>Paragraf 11</title>

<para>Om, till fljd av ett domstolsutslag eller anklagelse om patentintrng eller av ngot annat skl (ej begrnsat till patentfrgor), villkor lggs dig (antingen genom domstolsbeslut, avtal eller p annat stt) som strider mot den hr Licensen, befriar det dig inte fn ngot av villkoren i Licensen. Om du inte kan distribuera Biblioteket och samtidigt uppfylla villkoren enligt Licensen och andra skyldigheter, fr du som en konsekvens inte distribuera Biblioteket. Om exempelvis ett patent inte tillt fri distribution av Biblioteket till alla dem som mottar kopior direkt eller indirekt fn dig, mste du avst helt fn distribution av Biblioteket.</para>

<para>Om ngon del av denna paragraf frklaras ogiltig eller ej verkstllbar i ngot sammanhang skall terstoden av paragrafen glla och paragrafen i sin helhet gller i andra sammanhang. Befriar det dig inte fn ngot av villkoren i Licensen. Om du inte kan distribuera Biblioteket och samtidigt uppfylla villkoren enligt Licensen och andra skyldigheter, fr du som en konsekvens inte distribuera Biblioteket. Om exempelvis ett patent inte tillt fri distribution av Biblioteket till alla dem som mottar kopior direkt eller indirekt fn dig, mste du avst helt fn distribution av Biblioteket.</para>

<para>Denna paragrafs syfte r att gra helt klart vad som anses vara konsekvensen av terstende delen av Licensen.</para>
</sect2>

<sect2 id="sect12" label="12">
<title>Paragraf 12</title>

<para>Syftet med denna paragraf r inte att frm dig att beg intrng i patent eller andra rttigheter eller att frm dig att bestrida giltigheten i sdana rttigheter. Det enda syftet med denna paragraf r att skydda distributionssystemet fr fri programvara vilket grs genom anvandandet av dessa licensvillkor. Mnga mninskor har lmnat generosa bidrag fr det stora utbudet av programvara som distribueras i det hr systemet och stter sin tillit till en fortsatt anvndning av systemet. Det r upphovsmannen sjlv som beslutar om han/hon vill distribuera programvara genom detta eller annat system och en licensinnehavare kan inte framvinga ett sdant beslut.</para>

<para>Denna paragrafs syfte r att gra helt klart vad som anses vara konsekvensen av terstende delen av Licensen.</para>
</sect2>

<sect2 id="sect13" label="13">
<title>Paragraf 13</title>

<para>Om distributionen och/eller anvandningen av Biblioteket r begrnsad i vissa lnder, p grund av patent eller upphovsrttsligt skydda gmnssnt, kan upphovsmannen som placerar Biblioteket under den hr Licensen lgga till en uttrycklig geografisk spridningsklausul, enligt vilken distribution r tillten i lnder frutom dem i vilket det r frbjudet. Om s fallet kommer begrnsningen att utgra en fullvrdig del av Licensen.</para>
</sect2>
<para>Free Software Foundation kan ge ut reviderade och/eller nya versioner av LGPL från tid till annan. Sdana nya versioner kommer i sin helhet att pminna om nuvarande version, men kan skilja sig i detaljer som berr nya problem eller vervinganden.</para>

<para>Varje version ges ett srskiljande versionsnummer. Om Biblioteket anger ett versionsnummer av Licensen samt alla senare versioner kan du vija mellan att flja villkoren enligt denna version eller valfri senare version som utges av Free Software Foundation. Om Biblioteket inte anger ett licensversionsnummer kan du vija valfri version som ngonsin gets ut av Free Software Foundation.</para>

<sect2 id="sect14" label="14">
<title>Paragraf 14</title>
<para>Om du vill anvnda delar av Biblioteket i andra fria programvaror vars distributionsvillkor inte r frenliga med dessa skall du skriva till upphovsmannen och begra tillstnd. Fr programvara dr Free Software Foundation har upphovsrtt, skriver du till Free Software Foundation. Vi gr ibland undantag fr detta. Vrt beslut kommer att styras av tv ml, nmligen att bevara den fria statusen av alla verk som hrleds ur vr fria programvara samt att frmja delning och teranvndning av programvara i allmnhet.</para>
</sect2>

<sect2 id="sect15" label="15">
<title>INGEN GARANTI</title>
<subtitle>Paragraf 15</subtitle>
<para>VEN OM BIBLIOTEKET LICENSIERAS UTAN KOSTNAD, GES INGEN GARANTI FR BIBLIOTEKET, UTOM SDAN GARANTI SOM MSTE GES ENLIGT GLLANDE LAGSTIFTNING. FRUTOM NR S SKRIFTLIGT ANGES, TILLHANDAجملER UPPHOVSRTTSSINNEHAVAREN OCH/ELLER ANDRA PARTER BIBLIOTEKET I BEFINTLIGT SKICK (AS IS) UTAN GARANTI AV NGOT SLAG, VARKEN UTRYCKLIGA ELLER UNDERFRSTDDA, INKLUSIVE, MEN INTE BEGRNSAT TILL UNDERFRSTDDA GARANTIER VID KP OCH LMPLIGHET FR ETT VISST NDAML. HELA RISKEN FR KVALITET OCH ANVNDBARHET AV BIBLIOTEKET BRRS AV DIG. OM BIBLIOTEKET SKULLE VISA SIG BEHFTAT MED FEL BR DU ALLA KOSTNADER FR FELETS AVHJLPANDE, REPARATION ELLER NDVNDIG SERVICE.</para>
</sect2>

<sect2 id="sect16" label="16">
<title>Paragraf 16</title>
<para>INTE I NGOT FALL, SVIDA INTE DET KRVS ENLIGT GLLANDE LAGSTIFTNING ELLER AVTALAS SKRIFTLIGT, SKALL EN UPPHOVSRTTSINNEHAVARE ELLER ANNAN PART SOM KAN NDRA OCH/ELLER DISTRIBUERA BIBLIOTEKET ENLIGT OVAR, VARA SKYLDIG UTGE ERSTTNING FR SKADA DU LIDER, INKLUSIVE ALLMN, DIREKT ELLER INDIREKT SKADA SOM FLIER P GRUND AV ANVNDNING AV, ELLER OMLIGHT ATT ANVND, BIBLIOTEKET (INKLUSIVE MEN INTE BEGRNSAT TILL FRLUST AV DATA, DATA SOM FRAMSTLLS FELAKTIGT, FRLUSTER SOM DU ELLER TREDJE MAN LIDER ELLER FEL I BIBLIOTEKET SOM GR ATT DET INTE FUNGERAR MED ANNAN PROGRAMVARA), VEN OM UPPHOVSRTTSINNEHAVARE ELLER ANNAN PART HAR UNDERRTTATS OM MJLIGHETEN TILL SDAN SKADA.</para>
</sect2>
<sect1>
<sect2>
</article>
</articleinfo>
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<author><surname>Free Software Foundation</surname></author>
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</publisher>
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</revhistory>
<legalnotice id="gpl-legalnotice">
<para>A jelen licencdokumentumot brki szabadon lemsolhatja s a pontos msolatait terjesztheti, de a mdostsa tilos.</para>
</legalnotice>
<releaseinfo>1999. februr, 2.1-es verzi</releaseinfo>
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A legtbb szoftver licencei azzal a szndkkal kszltek, hogy minl kevesebb lehetsget adjanak a szoftver megvltotzatsra s terjesztsre. Ezzel szemben a GNU GPL licenccsald elja, hogy garantja a szabad szoftver msolsnak s terjesztsnek szabadsgt, eztlal biztostva a szoftver szabad felhasznlhatsgt minden felhasznl szmra.</abstract>
<othercredit class="translator">
<personname>
<firstname>Kalman Kemenczy</firstname>
</personname>
</othercredit>
A legtbb szoftver licencei azzal a szándékkel készültek, hogy minél kevesebb lehetőséget adjanak a szoftver megvilágításra s terjesztésre. Ezzel szemben a GNU GPL licencésalad clja, hogy garantálja a szabad szoftver módosításnak s terjesztésnek szabadsgát, ezáltal biztostvá a szoftver szabad felhasználását minden felhasznál számára.

Az egyes jogainak vdelmén korltozásokat kell hozni, amelyek megtiltják, hogy brki megtagadhassza ezeket a jogokat másoktól, vagy brki mst ezekrel val lemondásra kényeztesen. Ezek a megszavazott jogos bizonyos felelségeket jelentenek azok számára, akik a szoftver módosítását terjesztik vagy módosítják.

El szeretnénk kerlni annak veszélyét,
hogy a szabad program terjesztő szabadalmat jegyezhessenek be, ezáltal saját szellemi tulajdonságokat készítsenek a
programok. Ennek rdekben ragaszkodunk hozzá, hogy a programkinyvtr egy vltotatval kapcsolatban megszerzett
brmely szabadalmi engedélynek szállítható, de csak a jelen licencben taglalt teljesen szabad használható.</para>

A legtöbb GNU szoftverre, beleértve egyes programkinyvtrákat is, a normál GNU General Public License
(GPL) feltételei vonatkoznak. Ez a licenc, a GNU Lesser General Public License (LGPL), meghatározott
programknyvtrakra vonatkozik, s elég eltér a normál GNU General Public License-tl. Ezt a licencet azért alkalmazzuk
bonyos programkinyvtrakhoz, hogy engedélyezzék a beépítés nem szabad programokba is.</para>

Amikor egy programot szószereszketnek egy programkinyvtrral, független attól, hogy statikusan vagy egy
megosztott programkinyvtr használata, a kettő kombináció jogilag kész munkának, az eredeti programkinyvtr
leszorzazottjának számja. A normál GNU General Public License (GPL) feltétele ezért csak akkor engedi az ilyen
szószereszket, ha a teljes kombináció megtétel saját engedélyének, az A GNU Lesser General Public License
(LGPL) azonban kevés szigorú rendelkezésem az a programkinyvtrral szószereszkesztésre.</para>

Ritkán ugyan, de például elfordulhat, hogy igény van egy meghatározott programkinyvtrnak a lehető legszélesebb
keren trtn elterjesztsére, hogy az vltasson a de facto szabadny. Ehhez engedélyezni kell, hogy a nem szabad
programok is használhatják a programkinyvtrat. Gyakoribb eset az, hogy egy szabad programkinyvtr ugyanazt a
feladatot ltja el, mint a széles körben használt nem szabad programkinyvtr. Ebben az esetben igen kevés elny az
szószak között a programkinyvtr kizárás szabad szoftverekben felhasználható, tehát ilyenkor is az LGPL feltételeit
használjuk.</para>

Megint ms esetekben egy adott programkinyvtr nem szabad programokban használható az engedélyezése azt
jelenti, hogy tbb ember használhat szabad szoftvert. Például a GNU C Programkinyvtr felhasználása nem szabad
programokban azt jelenti, hogy sokkal tbb ember használhatja a teljes GNU opercis rendszert, illetve annak vltottát, a
GNU/Linux opercis rendszert. Az esetben a GNU Lesser General Public License (LGPL) használata elnyesebb.</para>

Br az LGPL kevés vld a felhasznál szabadságra, azt azonban garantálja, hogy a Programkinyvtrral
szőszereszkesztett program felhasználja jogosult legyen a program hasznlatra a Programkinyvtr mdostott vltotatval
is.</para>

A msősra, terjesztésre s mdostsra vonatkoz pontos szabályok s feltételek az alábbiakban olvashatók. Nagyon
fontos megjegyzettet az a programkinyvtron alapul munka s a programkinyvtr felhasznál
munka fogalmakat. Az elbír a programkinyvtrbl szrmaz kdot tartalmaz, mg az utbí a futshoz ignyli a
programkinyvtrat.</para>

</sect1>

<title>A MSOLSRA, TERJESZTESRE S MDOSTSRA VONATKOZ FELTTELEK S KIKTSEK</title>

</sect1 id="sect0" label="0">
Az abban a <quote>Programknyvtr</quote> kifejez brmely ilyen programknyvtratra vagy munkra vonatkozik, a <quote>Programknyvtron alapul munka</quote> pedig maga a Programknyvtrat vagy egy szerzi joggal vdett munkt jelenti: vagyis olyan munkt, amely tartalmazza a Programknyvtrat vagy annak egy rszlett, mdostva vagy mdosts nlk s/vagy ms nyelvre fordvt. (Az abbiakban a fords minden egyb megkts nlk beletartozik a <quote>mdosts</quote> fogalmaba.)</para>

Egy munka <quote>Forrskdja</quote> a munknak az a formtuma, amelyben a mdostsok elvgzse a legegyserben kivitelezhet. Egy programknyvtr esetben a teljes forrskd az Itala tartalmazott sszes modul forrskdjt jelenti, valamint minden hozz tartoz illeszdefincis fjlt, valamint a programknyvtr fordst s teleptst szablyoz parancsfjlokat.</para>

A jelen Licenc a msolson, terjesztsen s mdostson kvl ms tevkenysgre nem vonatkozik, azok a hatlyn kvl esnek. A Programknyvtrat hasznl program futtatsa nincs korltozva, illetve a program kimenetre is csak abban az esetben vonatkozik ez a szablyozs, ha az tartalmazza a Programknyvtron alapul munka egy rszlett (figetlenl attl, hogy a Programknyvtrat hasznltk-e egy eszkzben a megshoz). Az, hogy ez igaz-e, a Programknyvtr, illetve a Programknyvtrat hasznl program mdstl fgg.</para>
A mdostott fíjokat el kell ltni olyan megjegyzssel, amely feltnteti a mdostst vgz nevt s a mdostsok dtumt.</para>

A teljes munkt olyan szablyokkal kell kiadni vagy terjeszteni, hogy annak hasznlati joga harmadik szemly rszre licencdjmentesen hozzfrhet legyen, a jelen Licencnek megfelelen.</para>

Ha a mdostott Programknyvt egy rsze egy olyan fggvnyre vagy adattbla hivatkozik, amelyet egy, az adott rszt hasznl alkalmazsprogram biztost, s nem egy tadott argumentumri van sz annak meghvsakor, akkor mindent el kell kvetni annak rdeken, hogy amennyiben az alkalmazs nem biztostja a szksges fggvnyt vagy adattblt, az adott rsz akkor is mkdkpes maradjon, s vgrehajtja, amit csak a mkdsbl addan elvezethet.)</para>

(Ezek a felttelek a mdostott munkra, mint egszre vonatkoznak. Ha a munka azonosthat rszei nem a Programknyvtron alapulnak s fggetlen munkknt elklnlten azonosthatk, akkor ezek a szablyozs nem vonatkozik ezekre a rszekre, amennyiben azok kln munkaknt kerlnek terjesztsre. Viszont, ha ugyanez a rsz az egysz szeknt kerl terjeszttsre, amely a Programknyvtron alapul munka, akkor az egysz munka terjesztse csak a jelen dokumentum alapjn lehetsges, amely ebben az esetben a jogokat minden egyes felhaszn szmra kiterjeszt a munka egszre tekintet nlk arra, hogy melyik rsz ki rta.)</para>

(E szvegrsznek teht nem az a clja, hogy msok jogait elvegye vagy korltozza a kizrlag sajt maga ltal rt munkkr; a cl az, hogy a jogok gyakorlsa szablyozva legyen a Programknyvtron alapul illetve a gyjtemnyes munkk terjesztse esetben.)</para>

Ezenkvl ms munkknak, amelyek nem a Programknyvtron alapulnak, a Programknyvtvral (vagy a Programknyvtron alapul munkval) kzs adathordozn vagy adattroln szerepeltsetse nem jelenti a jelen szablyok rvnyessgt azokra is.\</sect2>

3. szakasz</sect2>

n vlaszthatja azt, hogy a Programknyvtr egy adott pldnyra vonatkozan a norml GNU General Public License hasznlat kti ki s nem a jelen Licencet. Ehhez meg kell vltotatni az erre a licencre hivatkoz szes fgylmezettst, gy, hogy azok a jelen licenc helyett a norml GNU General Public License (GPL) 2. verzija hivatkozzanak. (Ha a norml GNU General Public License-bl a 2. verzinl frisseb jelenne meg, akkor azt a verzit is elrhatja, ha akarja). Egyb vltotatst ne tegy en a fgylmezetztekben. \</sect2>

Miut a mdosts megtrtnt, az visszafordthatatlan az adott pldnyra vonatkozan, vagyis a GNU General Public License fog vonatkozni annak szes tovbbi msolatra s az abbl a pldnybl szrmaztatott szses munkra. \</sect2>
<para>Ez a lehetség akkor hasznos, ha a Programknyvtr kénjak egy rszt egy olyan programba akarja illeszteni, amelyik nem programknyvtr.</para>

</sect2>

<sect2 id="sect4" label="4">
<title>4. szakasz</title>

<para>A Programknyvtr (vagy a programknyvtron alapul munka a <link linkend="sect2">2. szakasznak</link> megfelelően) moshlat s terjesztethatartygd vagy vgrehajthat kd formában az <link linkend="sect1">1.</link> s <link linkend="sect2">2.</link> szakaszban foglaltak szerint, feltve, hogy a teljes, gp It alt relmezhet forrskd ksrí az anyagot, amelynek terjesztse az <link linkend="sect1">1.</link> s <link linkend="sect2">2.</link> szakaszban foglaltak szerint trtnik, jellemez szoftverterjesztsre hasznlt adathordozn. </para>

<para>Ha a trgykd terjesztse azt jelenti, hogy lehetsg van lemsolni egy meghatrozott helyrl, akkor ez teljesti a forrskd terjesztse vonatkoz ktelezettsget, br a harmadik felek nem ktelesek a forrskdot a trgykddal egytt lemsolni.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>5. szakasz</title>

<para>Az olyan Programknyvtrat, amely nem tartalmazza a Programknyvtr semmilyen rsznek leszrmazottját, de gy kslt, hogy a Programknyvtrral egytmkdjn, hozzforst vagy hozzszerkeszts tjn, <quote>Programknyvtrat hasznlt munka</quote> nevezzk. Az ilyen munkk elszigetelten nem szmtanak a Programknyvtr szrmaztatott munkjnai, gy a jelen Licenc katlyn kvl esnek.</para>

<para>Egy, a <quote>Programknyvtrat hasznlt munka</quote> s a Programknyvtr sszeszerkesztse azonban egy olyan vgrehajthat fjt eredmnyez, amelyik a Programknyvtr szrmaztatott munkja (hiszen tartalmazza a Programknyvtr rszeit), nem pedig a <quote>Programknyvtrat hasznlt munka</quote>. A vgrehajthat fjrna teht vonatkozik a jelen Licenc. A <link linkend="sect6">6. szakasz</link> taglalja az ilyen vgrehajthat fjlok terjesztse feltteleit.</para>

<para>Ha egy <quote>Programknyvtrat hasznlt munka</quote> egy olyan fejlcfjl anyagt hasznlja, amelyik a Programknyvtr rsze, akkor a munka trgykdja lehet a Programknyvtr szrmaztatott munkja, akkor is, ha maga a forrskd nem az. Az, hogy ez igaz-e, klsen fontos, ha az adott munka sszeszerkesztethet a Programknyvtr nkls is, vagy ha a munka maga is egy programknyvtr. Azt, hogy ez mikor igaz, a trvny nem szablyozza pontosan.</para>

<para>Ha egy ilyen objektumfjl csak numerikus paramtereket, adatstruktra-elrendezéseket, -hozzfrseket, kisebb makrkat s kisebb begyazott fggvnyeket (nem tbb, mint tz sorryit) hasznl, akkor az objektumfjl hasznlata nem korltozott, figtettlen attl, hogy szrmaztatott munka-e vagy sem. (A trgykd s a Programknyvtr rszeit tartalmaz vgrehajhat fjlok tovbbra is a <link linkend="sect6">6. szakasz</link> hatlya al tartoznak.)</para>

<para>Ellenkez esetben, ha a munka a Programknyvtr szrmaztatott munkja, akkor a trgykdja terjeszthat a <link linkend="sect6">6. szakasz</link> feltteleinek megfelelén. A munka tartalmaz vgrehajhat fjlok szintn a <link linkend="sect6">6. szakasz</link> hatlya al esnek, akkor is, ha nincsenek kvetlenl a Programknyvtrral sszeszerkesztve.</para>
A fenti szakaszok kivétele egy, a "Programknyvtrat használ munka" egyesthet vagy összeszerkesztett a Programknyvtrral, hogy írjjak egy olyan munka, amely tartalmazza a Programknyvtr rszeit, s az ilyen munka terjeszthet az n Ital vlasztott feltételek szerint is, feltve, hogy ezek a feltételek megengedik-e a munka szabad mdostst a vsrl sajt hasznlatra s az ilyen mdostsok hibakeressre szolgál visszafejtst.

A munka minden egyes pldnyn megfelelően jelezni kell, hogy a Programknyvtr használja, s hogy a hasznlatot a jelen Licenc szabályozza. Mellelő kell a jelen Licenc egy pldnyt. Ha a munka vgrehajts kben szerzi jogi megjegyzéseket jelent meg, akkor ezek kzt szerepelne kell a Programknyvtr szerzi jogi megjegyzésnek is, valamint egy hivatkoznak, amely a felhasznált a jelen Licenc egy plnyhoz iránytja. Tovább az alábbiak egyikt biztosíthattan kell: <orderedlist numeration="loweralpha">

- A munka mell mellékelni kell a Programknyvtr teljes, gppel olvasható forrásdjt, jelezve, hogy a (fenti <link linkend="sect1">1.</link> s <link linkend="sect2">2.</link> szakaszoknak megfelelően terjesztett) munkban milyen mdostsok trntek; valamint, ha a munka egy, a Programknyvtrral szszzerkesztett vgrehajtható fjl, a teljes "Programknyvtrat használ munka" gppel olvasható kdt, ahhoz hogy trgykdkt s/vagy forrskdkt a felhasznált mdostassza a Programknyvtr s utana tserzkeszthesse azt egy olyan mdostót vgrehajtható fjl ellitshoz, amely tartalmazza a Programknyvtrat. (Természetesen elfordulhat, hogy a Programknyvtr definícis fjljainak tartalmi megváltoztat felhasznált nem feltétni lenéhes kedvenc munkaszót vagy munkaszót az alkalmazást a mdostott defincíkkal.)

- A munkaszó egy legalább hrom víg rnyes rso ajnlat mellékelni, hogy ugyanazon felhasznál szmra a <link linkend="sect6a">6.a alszakaszban</link> meghatározt anyagokat biztosítja, nem nagyobb djt, mint a jelen terjeszts dja.

- Ha a munkaszó egy adott helyrô trtn msols engedelyezt jelenti, akkor egyenrtk hozzfors biztosítja szksges a fent meghatározt anyagok ugyanonn lemosolhoshoz.

- Ha a munka terjesztse egy adott helyrô trtn msols engedelyezt jelenti, akkor egyenrtk hozzfors biztosítja szksges a fent meghatározt anyagok ugyanonn lemosolhoshoz.

- Annak ellenrzse, hogy a felhasznál él megkapha ezen anyagok egy plnyt, vagy hogy mél lett klvé a felhasználnak egy plnyt.

- Vgrehajtható fjl esetben a "Programknyvtrat használ munka" elvrt formáknak tartalmaznia kell minden adatot a segíprogramot, amelyre szksg van a bellk szrm vgrehajtható fjl ellitshoz. Specifik kivélekt a
terjesztett anyagoknak nem kell semmi olyat tartalmaznia, amelyek norml esetben azon opercis rendszer f rszeivel 
(fordt, kernel stb.) egytt kerlnk terjesztse (akr forrskdknt, akr binris formban), amelyen a vgrehajthat fjl futni fog, 
kivve, ha a komponens maga a vgrehajthat fjllal egytt rkezik. </para>

Elfordulhat, hogy ez a kvetelmny ellentmond ms szellemi tulajdont kpez programknyvtrak 
licenckorltozasainak, amelyek norml esetben nem jrnak az opercis rendszer mell. Az ilyen ellentmonds azt jelenti, 
 hogy nem hasznhatja azokat s a Programknyvtrat egytt egy terjesztendi kvnt vgrehajthat fjlb.

sects id="sect7" label="7"
<title>7. szakasz</title>

Elfordulhat, hogy ez a kvetelmny ellentmond ms szellemi tulajdont kpez programknyvtrak 
licenckorltozasainak, amelyek norml esetben nem jrnak az opercis rendszer mell. Az ilyen ellentmonds azt jelenti, 
 hogy nem hasznhatja azokat s a Programknyvtrat egytt egy terjesztendi kvnt vgrehajhat fjlb.

sects id="sect7" label="7"
<title>7. szakasz</title>

sects id="sect8" label="8"
<title>8. szakasz</title>

sects id="sect9" label="9"
<title>9. szakasz</title>

sects id="sect10" label="10"
<title>10. szakasz</title>
10. szakasz

Minden alkalommal, amikor a Programknyvtr (vagy az azon alapul munka) továbbadja trtnik, a Programknyvtrat megkap szemily automatikusan hozzjut az eredeti licenc tulajdonost szrmaz licenchez, amely a jelen szabolyok szerint biztosítja a jogot a Programknyvtr msolsra, terjesztsre, szerkesztshez felhasznlsra s mdostsra. Nem lehet semmilyen mdon tovbb korltozni a fogad flnek az it megadott jogait. A Programknyvtr tovbbadja nem felels harmadik szemlyekkel betartatni a jelen szabolyokat.</para>

11. szakasz

Ha brsgi hatrozat, szabadalomsrts vlelme, vagy egyb (nem kizrlag szabadalmakkal kapcsolatos) okbl olyan feltteleknek kell megfelelnie (akr brsgi hatrozat, akr meglapods, akr brmi ms eredmnyekpp), amelyek ellentesek a jelen felttelekkel, az nem menti fel a terjesztt a jelen felttelek figyelembevtele all. Ha a terjeszts nem lehetsges a jelen Licenc s az egyb felttelek ktelezettsgeinek egyettes betartstval, akkor tilos a Programknyvtr terjeszts. Ha pldul egy licencszabadalom nem engedi meg egy programknyvtr jogdj nkli tovbbterjesztst azok szmra, akik kvezte vagy kveztlenl megkapjik, akkor az egyetlen mdja, hogy egy megfelelni valaki mindkt feltellenk, az, hogy e megfelelni terjesztstl.</para>

Ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyb hasonl jogok megsrtsre sztznzn brkit is; mindssze meg szeretn vdeni a szabad szoftver terjesztsi rendszernek egysgt, amelyet a szabad kzreadst szabloyoz felttelrendserek teremtenek meg. Sok ember nagymrtkben jult hozz az e rendszer keretben terjesztet, klnle szoftverekhez, s szm a rendszer kvetkezetes alkalmazsra; azt a szer/adomnyoz dnti el, hogy a szoftvert ms rendszer szerint is kzz kvnj-e tenni, s a licencet kapk ezt nem befolysolhatjk. </para>

E szakasz clja, hogy pontosan tisztzza azt, ami elgondolsunk szerint a jelen licenc tbbi rsznek a kvetkezmnye.</para>

12. szakasz

Ha a Programknyvtr terjesztsre s/vagy hasznalata egyes orszgokban nem lehetsges akr szabadalmak, akr szerzi jogokkal vdett felletek miatt, akkor a Programknyvtr szerzi jogainak eredeti tulajdonosa, aki a Programknyvtrat ezen szabloys alapjn adja kze, egy explicit ldrjz megktst adhat a terjesztsre, s egyes orszgokat kizrhat. Ebben az esetben gy tekintend, hogy a jelen licenc ezt a megktst is tartalmazza, ugyany, mintha az a szvegben lenne lerva.</para>
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A dokumentum minden vltozata egy megklnbztet verziszmnl elltva jelenik meg. Ha a programknyvtr szerzi jogi megjegyzsben egy bizonyos vagy annl <quote>jabb verzi</quote> van megjelve, akkor lehetsg van akr a megjellet, vagy a Free Software Foundation ltal kiadott ksb verziban lrt feltelek ksvetrs. Ha nincs ilyen megjellet verzi, akkor lehetsg van a Free Software Foundation ltval valaha kibocstott brmelyik verzi alkalmazsra.</sect2>

A Programknyvtrat ms szabad szoftverbe, amelynek szerzi jogi szablyozsa klnbzik, csak akkor ptheti be, ha a szerztl erre engedlty szerzett. Abban az esetben, ha a programknyvtr szerzi jogainak tulajdonosa a Free Software Foundation, akkor a Free Software Foundation cmre kell rni; nha kivtelt tesznk. A dnts a kvetkez kt cl szem eltartsvl fog trtnni: megmaradjon a szabad szoftveren alapul munkk szabad llapota, valamint segtse el a szoftver jrafelhasznlst s megosztst.</sect2>

MIVEL A JELEN PROGRAMKNYVTR HASZNLATI JOGA DJMENTES, AZ ALKALMAZHAT JOGSZABLYOK LTAL BIZTOSTOTT MAXIMLIS MRTKBEN VISSZAUTASTJUK A PROGRAMKNYVTRHOZ A GARANCIA BIZTOSTST. AMENNYIBEN A SZERZI JOGOK TULAJDONOSAI RSBAN MSKNT NEM NYILATKOZNAK, A PROGRAMKNYVTR A <quote>JELEN LLAPOTBAN</quote> KERL KIADSRÁ, MINDENFELE GARANCIAVLLALS NLKL, LEGYEN AZ KIFEJEZETT VAGY BELERTETT, BELERTVE, DE NEM KIZRLAGOSAN A FORGALOMBAHOZTSGRA VAGY ALKALMAZHATSGRA VONATKOZ GARANCIKAT. A PROGRAMKNYVTR MINSGBL S MKDSBL FAKAD SSZES KOCKZAT A FELHASZNLT TEREHĽI. HA A PROGRAMKNYVTR HIBSAN MKDIK, A FELHASZNLNK MAGNAK KELL VLLALNIA A JAVTSHOZ SZKSGES MINDEN KLTSGET.</sect2>

AMENNYIBEN A HATLYOS JOGSZABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS MEGLLAPOSDBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAMKNYVTR SZERZJE, SEM MSOK, AKIK MDOSTOTT S/VAGY TERJESZTETTK A PROGRAMKNYVTRAT A FENTIEKENEG MEGFELELEN, NEM TEHETK FELELS A KROKRT, BELERTVE MINDEN VLETEN, VAGY KVETKEZMNYES KRT, AMELY A PROGRAMKNYVTR HASZNLATBL VAGY A HASZNLAT MEGAKADLYOZSBL SZRMZIK (BELERTVE, DE NEM KIZRLAGOSAN AZ ADATVESZTST S A HELYTELEN ADATFELDOLOZST, VALAMINT A MS PROGRAMKNYVTRAKKAL VAL HIBS EGYTMKDST), MG AKKOR SEM, HA EZEN FELEK TUDATBAN VOLTAK, HOY ILYEN KROK KELETKEZHETNEK.</sect2>
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<title>ORDAGRANN KOPIERING</title> 

</sect1><sect1 id="fdl-section3" label="3"> 
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12

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Fran Dieguez
frandieguez@gnome.org

2013
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<title>Seccin 2</title>
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</note></li>
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</sect2>
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<title>Seccin 12</title>

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Finalmente, patentes de software apresentam constante ameaça a existência de qualquer programa livre. Nós desejamos assegurar que uma companhia não possa efetivamente restringir os usuários de um programa livre obtendo uma licença restritiva de um detentor de patente. Portanto, nós insistimos que qualquer licença de patente obtida para uma verso da biblioteca deve ser consistente com toda a liberdade de uso especificada nesta licença.

A maioria do software GNU, incluindo algumas bibliotecas, coberto pela Licença Pública Geral GNU. Esta licença, a Licença Pública Geral Branda GNU (GNU Lesser General Public License) se aplica a certas bibliotecas específicas e particularmente diferentas da Licença Pública Geral (General Public License). Nós usamos esta licença para certas bibliotecas de forma a permitir relacionar estas bibliotecas com programas no-livres.

Quando um programa relacionado com uma biblioteca, seja estatisticamente ou usando uma biblioteca compartilhada, a combinação das duas, legalmente falando, um trabalho combinado, um trabalho derivado da biblioteca original. A Licença Pública Geral portanto permite tal relacionamento somente se toda a combinação se encaixar no critério de liberdade. A Lesser General Public License permite critérios mais maleáveis para relacionar outro código com a biblioteca.
Ns chamamos esta licena de Licena Pbllica Geral "Brand (Lesser) porque ela protege menos a liberdade dos usurios do que a Licena Pbllica Geral (General Public Licence) normal. Ela tambm providencia a outros desenvolvedores de software livre menos vantagem na competio com programas no-livres. Estas desvantagens so a razo de usarmos Licena Pbllica Geral (General Public License) para vrias bibliotecas. No entanto, a licena Brand prov vantagens em certas circunstncias especiais.

Por exemplo, em raras ocasies, pode haver uma necessidade especial de encorajar o maior uso possvel de certa biblioteca, de forma que ela se torne um padro. Para alcanar isso, programas no-livres devem ser permitidos a usar a biblioteca. Um caso mais frequente quando uma biblioteca livre faz o mesmo trabalho que bibliotecas no-livres muito usadas. Neste caso, h pouco a ganhar limitando a biblioteca somente para software livre, ento usamos a Licena Pbllica Geral Branda (Lesser General Public License).

Em outros casos, permiss para usar uma biblioteca em particular em programas no-livres permite um nmero maior de pessoas usar uma grande variedade de software livre. Por exemplo, permiss para usar a Biblioteca GNU C em programas no-livres permite muito mais pessoas a usar todo o sistema operacional GNU, assim como sua variante, o sistema operacional GNU/Linux.

Aler da Lesser General Public License ser menos protetora da liberdade dos usurios, ela assegura que o usuario de um programa que relacionado a Biblioteca tenha a liberdade e os recursos para executar aquele programa usando uma verso modificada da Biblioteca.

Os termos e condies precisos para cpia, distribuo e modificao seguem. Preste ateno na diferena entre um "trabalho baseado numa biblioteca" e um "trabalho que usa uma biblioteca". O primeiro contm cdigo derivado da biblioteca, enquanto o ltimo deve ser combinado com a biblioteca para que funcione.

TERMOS E CONDIES PARA CPIA, DISTRIBUIO E MODIFICAO

Este Acordo de Licena se aplica a qualquer biblioteca de software ou outro programa que contenha um aviso colocado pelo proprietrio da licena ou outra parte autorizada dizendo que ele pode ser distribuido sob os termos desta Licena Pbllica Geral Branda (Lesser General Public License) (tambm chamada "esta Licena"). Cada licenciado referido como "voc".

Uma <quote>biblioteca</quote> significa uma coleo de funes de software e/ou dados preparado de forma a ser convencionalmente relacionado com a aplicao de programas(que usa algumas destas funes e dados) para formar execveis.

A <quote>Biblioteca</quote>, abaixo, refere-se a qualquer biblioteca de software ou trabalho que tenha sido distribuido sob estes termos. Um <quote>trabalho baseado na Biblioteca</quote> significa ou que a Biblioteca ou qualquer trabalho derivado esta sob a lei de direitos autorais: necessita ser dito que, um trabalho contendo uma Biblioteca ou uma poro dela, seja transcrita ou com modificaes e/ou traduzida diretamente em outra lngua. (Deste ponto em diante, traduo incluido sem limitao no termo <quote>modificao</quote>.)
<para><quote>Código fonte</quote> para um trabalho significa a forma preferida de trabalho para fazer modificações no mesmo. Para uma biblioteca, o código fonte completo significa todo o código fonte para todos os módulos que ele contém, mais quaisquer arquivos de definição de interface associados, mais arquivos usados para controlar a compilação e instalação da biblioteca.</para>

<para>Atividades que não sejam cópia, distribuição e modificações no so cobertas por esta Licença; elas estão fora do alcance da Licença. O ato de executar um programa usando a Biblioteca no restrito, e o retorno deste programa coberto somente se os conteúdos dele constituírem um trabalho baseado na Biblioteca (independente do uso da Biblioteca numa ferramenta para escrevê-la). Se isso verdade depende do que a Biblioteca faz e o que o programa que usa a Biblioteca faz.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Seo 1</title>
<para>Você pode copiar e distribuir cópias transcritas do código fonte completo da biblioteca ao receb-la, em qualquer meio, desde que você clara e apropriadamente publique em cada cópia a nota de direito autoral apropriado e aviso legal de garantia; mantenha intactas todas as notificações que referem a Licença e a ausência de qualquer garantia; e distribua uma cópia desta Licença junto Biblioteca.</para>

<para>Você pode cobrar uma taxa pelo ato físico de transferência da cópia, e você pode por opo oferecer proteção de garantia em troca de uma taxa.</para>
</sect2>

<sect2 id="sect2" label="2">
<title>Seo 2</title>
<para>Você pode modificar sua cópia ou cópias da Biblioteca ou qualquer poro dela, assim formando um trabalho baseado na Biblioteca, e copiar e distribuir tais modificações ou trabalho sob os termos da <link linkend="sect1">Seo 1</link> acima, supondo que você também atenda a todas suas condições: <orderedlist numeration="loweralpha">
<li><para>O trabalho modificado deve, por si só, ser uma biblioteca de software.</para></li>
<li><para>Você deve fazer com que os arquivos modificados carreguem informações proeminentes de que você modificou os arquivos e a data de qualquer mudança.</para></li>
<li><para>Você deve fazer com que todo o trabalho seja licenciado sob nenhuma taxa a todas as terceiras partes sob os termos desta Licença.</para></li>
<li><para>Se uma instalação numa Biblioteca modificada refere a uma função ou a uma tabela de dados a ser fornecida por um programa aplicativo que use a instalação, outro que como um argumento passado quando a instalação é invocada, ento você deve fazer um esforço de boa f para garantir que, no evento de uma aplicação no fornecer tal função ou tabela, a instalação ainda opere, e execute qualquer parte desta proposta continuando significativa.</para></li>
</orderedlist>

</para>

<br/>

<br/>
definido independente da aplicação. Dessa forma, a 2 Subse requisita que qualquer função suprida pela aplicação ou tabela usada por essa função deve ser opcional: se a aplicação no suprir isto, a função da raiz quadrada ainda deve calcular razes quadradas. )</para>

<para>Estes requisitos se aplicam ao trabalho modificado como um todo. Se sees identificáveis do trabalho no so derivadas da Biblioteca, e podem ser razoavelmente considerados trabalhos independentes e separados em si, ento esta Licena e seus termos, no se aplicam aquelas sees quando voc as distribui como trabalhos separados. Mas quando voc distribui as mesmas sees como parte de um todo que um trabalho baseado na Biblioteca, a distribuição do todo deve ser nos termos dessa Licena, da qual as permissões para outros licenciados se aplicam para todo o inteiro, e assim para toda e cada parte, independente de quem a escreveu.</para>

<para>Assim, no a intenção desta seio reivindicar direitos ou contestar os seus direitos de trabalho escrito completamente por voc; preferencialmente, a intenção exercitar o direito de controlar a distribuição de trabalhos coletivos e derivados baseados na Biblioteca.</para>

<para>Em adição, a mera agregação de qualquer trabalho no baseado na Biblioteca com a Biblioteca (ou com um trabalho baseado na Biblioteca) num volume de armazenamento ou meio de distribuição no traz a outro trabalho sob o alcance desta Licena.</para>

<para>Voc pode optar por aplicar os termos de licença da Licença Pública Geral GNU normal(GNU General Public License) ao invés desta Licença para dada cópia da Biblioteca. Para fazer isto, voc deve alterar todas as notificações que se referem a esta Licença, para que elas refiram-se a Licença Pública Geral GNU normal(GNU General Public License), verso 2, invés desta Licença.(Se uma verso mais nova que a verso 2 da Licença Pública Geral GNU(GNU General Public License) tiver aparecido ento voc pode especificar esta verso se desejar.) No faa nenhuma outra mudança nestas modificações.</para>

<para>Uma vez feita a mudança em determinada cópia, isto irreversible para esta cópia, ento a Licença Pública Geral GNU normal se aplica a todas as cpias subsequentes e trabalhos derivados feitos desta cópia.</para>

<para>Esta opção é útil quando voc deseja copiar parte do código da Biblioteca para um programa que no uma biblioteca.</para>

<para>Voc pode copiar e distribuir a Biblioteca (ou uma poro ou derivada dela, sob <link linkend="sect2">Seio 2</link>) em código objetivo ou de forma executável sob os termos das Sees <link linkend="sect1">1</link> e <link linkend="sect2">2</link> acima fornecido que voc acompanhe-a com o código-fonte correspondente em formato lido por máquina, que deve ser distribuído sob os termos das Sees <link linkend="sect1">1</link> e <link linkend="sect2">2</link> acima num meio costumeiramente usado para transação de software.
Se a distribuição do código feita oferecendo acesso a cópia de um local específico, ento oferecer acesso equivalente cópia do código-fonte do mesmo local satisfaz a requerimento de distribuir o código fonte, mesmo se terceiros no tiverem interesse de copiar a fonte junto ao código em questão.</para>

<title>5</title>

Um programa que contém nenhum derivado de qualquer poro da Biblioteca, mas desenvolvido para trabalhar com a Biblioteca por ser compilado com ela ou ser relacionado a ela, chamado trabalho que usa a Biblioteca. Tal trabalho, em isolamento, no um trabalho derivado da Biblioteca, e desta forma, fica fora da competência desta Licença.</para>

No entanto, relacionar um trabalho que usa a Biblioteca com a Biblioteca cria um executável que derivado da Biblioteca (porque ela contém poros da Biblioteca), mais do que um trabalho que usa a biblioteca. O executável desta forma coberto por esta Licença. Seo 6 diz os termos para a distribuição de tais executáveis.</para>

Quando um trabalho que usa a Biblioteca usa material de um arquivo pai que parte da Biblioteca, o código em questão para o trabalho pode ser um trabalho derivado da Biblioteca mesmo que o código fonte no seja. Se isso verdade especialmente significante se o trabalho pode ser relacionado sem a Biblioteca, ou se o trabalho por si s uma biblioteca. O princípio para isso ser verdade no precisamente definido por lei.</para>

Se tal arquivo objeto usa somente parâmetros numéricos, o layout da estrutura de dados e acessórios, e pequenas macros e pequenas funções internas (dez linhas ou menos de tamanho), ento o uso do objeto irrestrito, independente de ser um trabalho derivado legalmente. (Executáveis contendo este código objeto e poros da Biblioteca ainda ficam sob a Seo 6.)</para>

De outra forma, se o trabalho for derivado da Biblioteca, voc pode distribuir o código objeto para o trabalho sob os termos da Seo 6. Quaisquer executáveis contendo este trabalho também ficam sob a Seo 6 estando, ou no, relacionados diretamente a Biblioteca.</para>

Como uma exceção as Sees acima, voc pode também combinar ou relacionar um trabalho que usa a Biblioteca com a Biblioteca para produzir um trabalho contendo poros da Biblioteca, e distribuir este trabalho sob os termos de sua escolha, dado que os termos permitam modificação do trabalho para o uso do prprio cliente e engenharia reversa para depurao destas modificaes.</para>

Voc deve dar aviso proeminente com cada cópia do trabalho que esta Biblioteca usada nela e que a Biblioteca e seu uso so cobertos por esta Licena. Voc deve fornecer uma cópia desta Licena. Se o trabalho, durante esta execução exibe avisos de direitos autorais, voc deve incluir o aviso de direito autoral para a Biblioteca entre eles, assim como uma referência direcionando o usuário a cópia desta Licena. Tambm, voc deve fazer umas destas coisas:
Acompanhe o trabalho com o correspondente código-fonte em formato lido por máquina para a Biblioteca, incluindo quaisquer mudanças que foram usadas no trabalho (qual deve ser distribuído sob as Sees <link linkend="sect1">1</link> e <link linkend="sect2">2</link> acima); e, se o trabalho um executável relacionado com a Biblioteca, com o <quote>trabalho que usa a Biblioteca</quote> completo em formato lido por máquina, como código objeto e/ou código-fonte, para que o usuário possa modificar a Biblioteca e ento relacionar novamente para produzir um executável modificado contendo a Biblioteca modificada.( entendido que o usuário que modifica os contedos de arquivos de definição na Biblioteca no serão necessariamente hebeis a recompilar a aplicação para usar as definições modificadas.)</para>

Use um mecanismo de biblioteca compartilhada compatível para relacionamento com a Biblioteca. Um mecanismo compatível um que (1) usa no tempo de execução uma cópia da biblioteca já presente no sistema do computador do usuário, ao invés de copiar funções da biblioteca no executável, e (2) v operar apropriadamente com uma versão modificada, se o usuário instalar uma, contanto que a versão modificada seja compatível com a interface da versão na qual o trabalho foi desenvolvido.</para>

Acompanhe o trabalho com uma oferta escrita, válida por pelo menos três anos, de dar ao mesmo usuário os materiais especificados na <link linkend="sect6a">Subseção 6a</link> acima, por um valor no maior que o custo de efetuar esta distribuição.</para>

Se a distribuição do trabalho feita oferecendo acesso a cópia de um local específico, ofereça acesso equivalente cópia dos materiais acima especificados, do mesmo local.</para>

Verifique se o usuário já recebeu uma cópia desses materiais ou que você já enviou uma cópia a este usuário.</para>

Para um executável, a forma requisitada de <quote>trabalho que usa a Biblioteca</quote> deve incluir qualquer dado ou programas utilitários necessários para reprodução do executável nele. No entanto, como uma exceção especial, os materiais a serem distribuídos no precisam incluir nada que normalmente distribuído (seja na forma de fonte ou binário) com os componentes principais (compilador, kernel, e assim por diante) do sistema operacional no qual o executável funciona, ao menos que o componente em si acompanhe o executável.</para>

Pode acontecer desse requerimento contradizer as restrições da licença de outras bibliotecas proprietárias que normalmente acompanham o sistema operacional. Tal contradição significa que você não pode usar ambas e a Biblioteca juntos em um executável que você distribuir.</para>
nica biblioteca juntas a outras instalações da biblioteca no cobertas por esta Licença, e distribuir tal biblioteca
combinada, dado que a distribuição separada do trabalho baseado na Biblioteca e das outras instalações da biblioteca seja
permitida, e dado que você faça estas duas coisas:</para>

<orderedlist numeration="loweralpha">
  <listitem>
    <para>Acompanhar a biblioteca combinada com uma cópia do mesmo trabalho baseado numa Biblioteca, no
    combinado com quaisquer outras instalações de biblioteca. Isto deve ser distribuído sob os termos de licença das Sees
    acima.</para>
  </listitem>
  <listitem>
    <para>De informação proeminente com a biblioteca combinada do fato que parte dele um trabalho baseado na
    Biblioteca, e explicando onde achar o formato no combinado do mesmo trabalho, que acompanha.</para>
  </listitem>
</orderedlist>

<sect2 id="sect8" label="8">
  <title>Seção 8</title>
  <para>Você não pode copiar, modificar, sublicenciar, relacionar com, ou distribuir a Biblioteca, exceto como
  expressamente determinado sob esta Licença. Qualquer tentativa do contrário de copiar, modificar, sublicenciar,
  relacionar com, ou distribuir a Biblioteca nula, e automaticamente terminará com seus direitos sob esta Licença. No
  entanto, as partes que receberem cópias, ou direitos, sob esta Licença no terão suas licenças terminadas ao longo que tais
  partes se mantenham em total compliance.</para>
</sect2>

<sect2 id="sect9" label="9">
  <title>Seção 9</title>
  <para>Você não requisitado a aceitar esta Licença, j qu você não assinou. No entanto, nada mais te d permissão de
  modificar ou distribuir a Biblioteca trabalhos derivados dela. Estas ações são proibidas por lei se você não aceita esta
  Licença. Desta forma, por modificar ou distribuir a Biblioteca (ou qualquer trabalho baseado na Biblioteca), você
  indica sua aceitação desta Licença para o fazer, e todos os seus termos e condições para cópia, distribuição ou modificações
  da Biblioteca ou trabalhos baseados na mesma.</para>
</sect2>

<sect2 id="sect10" label="10">
  <title>Seção 10</title>
  <para>Toda vez que você redistribui a Biblioteca (ou qualquer trabalho baseado na Biblioteca), o recipiente
  automaticamente recebe uma licença do licenciador original para copiar, distribuir, relacionar ou modificar o assunto
  da Biblioteca e estes termos e condições. Você não pode impor maiores restrições ao exercício dos direitos dados ao
  recipiente, por meio desta. Você é responsável por forar o cumprimento dos termos desta Licença por
  terceiros.</para>
</sect2>

<sect2 id="sect11" label="11"
Se, como uma consequência de julgamento em tribunal ou alegação infras de patente ou por qualquer outra razão (no limitada a casos de patente), as condições so impostas a você (seja por ordem da corte, acordo ou de qualquer outra natureza) que contradiga as condições desta Licença, elas no excluem você das condições desta Licença. Se você no pode distribuir de forma a satisfazer simultaneamente suas obrigações sob esta Licença e quaisquer outras obrigações pertinentes, ento como consequência você no pode distribuir a Biblioteca de forma alguma. Por exemplo, se uma licença de patente no permitir redistribuição da Biblioteca livre de royalty por todos aqueles que recebem cópias direta ou indiretamente por você, ento a nica maneira de você satisfazer tanto ela quanto esta Licença seria prevenir completamente a distribuição da Biblioteca.

Se qualquer poro desta seo for considerada inválida ou sem fora sob qualquer circunstância particular, o equilíbrio da seo intencionada a ser aplicada, e a seo como um todo intencionada a ser aplicada sob quaisquer outras circunstâncias.

No intuito desta seo te induzir a infringir quaisquer patentes ou proclamações de propriedade por direito ou contestar a validade de tais proclamações; esta seo tem a proposta nica de proteger a integridade do sistema de distribuição do software livre que implementado pelas práticas de licença pública. Muitas pessoas fizeram generosas contribuições para o vasto alcance do software distribuído por este sistema confiando na consistente aplicação deste sistema; cabe ao autor/doador decidir se ele ou ela tem interesse de distribuir software por qualquer outro sistema e um licenciado no pode impor esta escolha.

A intenção desta seo fazer exatamente claro o que acredita-se ser uma consequência do resto desta Licença.

Se a distribuição e/ou uso da Biblioteca restrito em certos países seja por patentes ou por interfaces registradas, o detentor do direito autoral original que coloca a Biblioteca sob esta Licença deve adicionar uma limitação de distribuição geográfica explícita excluindo estes países, para que a distribuição seja permitida somente em e entre países no excluídos. Neste caso, esta Licença incorpora a limitação como se escrita no corpo desta Licença.

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cada verso dado um número distinto. Se a Biblioteca especifica um número de verso desta Licença que se aplica a ela e qualquer verso mais antiga, você tem a opção de seguir os termos e condições tanto desta verso ou qualquer verso mais antiga publicada pela Free Software Foundation. Se a Biblioteca no especifica um número de verso de licença, você pode escolher qualquer verso j publicada pela Free Software Foundation.
Se você desejar incorporar partes da Biblioteca em outros programas livres as quais tem condições de distribuir incompatíveis com aquelas, escreva ao autor para pedir permissão. Para software que registrado pela Free Software Foundation, escreva a Free Software Foundation; nas vezes fazemos exceções para isto. Nossa decisão será guiada pelas duas metas de preservar o status livre de todos os derivados de nossos softwares livre e de promover o compartilhamento e reuso de software em geral.

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3. If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Exception:
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

- Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

- Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link> above, for a charge no more than the cost of performing this distribution.

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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</para>
</sect2>
</sect1>
</article>
<para>Tmn lisenssisopimuksen kirjaimeillinen kopioiminen ja levittminen on sallittu, mutta muuttaminen on kielletty.</para>

<warning><para>Tm on GPL-lisenssin epvirallinen knns suomeksi. Tt knns ei ole julkaissut Free Software Foundation eik se mit oikeudellisesti sitovasti GPL-lisensi kyttvien ohjelmien levytohtoja vain alkuperinen englanninkielinen GPL-lisessin teksti on oikeudellisesti sitova. Toivomme kuitenkin, ett tm knns auttaa suomenkielisi ymmrtmn GPL-lisessin paremmin.</para></warning></para>

<legalnotice></legalnotice>

<releaseinfo>Versio 2, keskuu 1991</releaseinfo>

<abstract role="description"><para>Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, ett ne estv ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisensi on suunniteltu takaamaan kyttjin vapaus jakaa ja muuttaa ohjelmaa lisess varmistaa, ett ohjelma on vapaav kaikille kyttjille.</para></abstract>

<articleinfo></articleinfo>

<sect1 id="preamble" label="none">
<title>Johdanto</title>

<para>Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, ett ne estv ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisensi on suunniteltu takaamaan kyttjin vapaus jakaa ja muuttaa ohjelmaa lisess varmistaa, ett ohjelma on vapaav kaikille kyttjille. GPL-lisensi soveltuu posaan Free Software Foundationin ohjelmia ja mihin tahansa muuhun ohjelmaan, jonka tekijt ja oikeudenomistajat sitoutuvat sen kyttjn. (Joihinkin Free Software Foundationin ohjelmiin sovelletaan GPL-lisessin sijasta LGPL-lisess [GNU-kirjastolisensi]). Kuka tahansa voi kytt GPL-lisessin.</para>

<para>Kun tss Lisenssiss puhutaan vapaasta ohjelmasta, silloin ei tarkoiteta hintaa. GPL-lisensi on nimittin suunniteltu siten, ett kyttjille taataan vapaus levitt kopioita vapaista ohjelmista (ja pyyt halutessaan maksu t palvelusta). GPL-lisensi takaa mys sen, ett kyttj saa halutessaan ohjelman lhdekoodin, ett hn voi muuttaa ohjelmaa t kytt osia siit omissa vapaissa ohjelmissaan, ja ett kaikkien niden toimien tiedetn olevan sallittuja.</para>

<para>Jotta kyttj oikeudet turvattaisiin, lisessill asetetaan rajoitukset, jotka estv ket tahansa kieltmst nit oikeuksia tai vaatimusta niiden luovuttamista. Nm rajoitukset merkitsev tiettyj velvoitteita jokaiselle kyttjille, joka levitt ohjelmapioita tai muuttaa ohjelmaa.</para>

<para>Jokaisen joka esimerkiksi levitt kopioita GPL-lisessin alaisesta ohjelmasta, ilmaineksi tai maksusta, on annettava kyttjille kaikki oikeudet, jotka hnellkin on. Jokaisella kyttjll on oltava varmasti mahdollisuus saada ohjelman lhdekooodi. Ohjelman kyttjille on myskin esitettv tmn lisenssisopimuksen ehdot, jotta he tiett oikeutensa.</para>

<para>Jokaisen oikeudet turvataan kahdella toimenpiteell: <orderedlist numeration="arabic">
<li><para>ohjelma suojataan tekijnioikeudella, ja</para></li>
<li><para>kyttjille tarjotaan tm lisess, joka antaa laillisen luvan kopioida, levitt ja muuttaa ohjelmaa.</para></li>
</orderedlist></para>
Edelleen, jokaisen tekijän ja Free Software Foundationin suojaamiseksi on varmistettava, että jokainen ymmärtää, että vapaalla ohjelmalla ei ole takuuta. Jos joku muuttaa ohjelmaa ja levittää sen edelleen, ohjelman vastaanottajien on tiedettävä, että heillä ei ole alkuperistä ohjelmaa. Joten mik tahansa ongelma, jonka muut ovat aikaansaaneet, ei vaikuta alkuperisen tekijän maineeseen.</para>

Ohjelmistopatentit uhkaavat jokaista vapaata ohjelmaa. On olemassa vaara, että vapaiden ohjelmien levittävät patentoidut ohjelmia sillä seurauksena, että heillä on ohjelmien omistusoikeus. Tämän välttämiseksi jokainen patentti on joko lisenssituodua ilmaiseksi kaikille käyttäjille tai jättävä kokonaan lisenssimitatta.</para>

Seuraa tarkat ehdot vapaiden ohjelmien kopioimiselle, levittämiselle ja muuttamiselle.</para>

<Title>Ehdot kopioimiselle, levittämiselle ja muuttamiselle</Title>

<Kohta 0>

Tämä Lisenssi sovelletaan kaikkiin ohjelmiin tai muihin teoksiin, jotka sisältävät tekijän oikeuden haltijan ilmoituksen, että teoksen levittäminen tapahtuu GPL-lisenssin ehtojen mukaan. Ohjelman viittaavaan kaikkiin tällaisten ohjelmien ja muihin teoksiin. Ohjelmaan perustuva teos tarkoittaa joko Ohjelmaa tai mit tahansa tekijää kutsutaan teoksiin jälkeen teosta: toisinaan teosta, joka sisältää Ohjelman tai osan siitä, kirjaimellisesti tai muuttettuna, tai toisinaan kielellisesti käännöksellä. (Täten syntyvät käännöksi muutos). Lisenssit on annettavat Ohjelman mukana.</para>

Tm lisenssi ei kata muita toimenpiteitä kuin kopiointia, levittämistä ja muuttamista. Ohjelman ajaminen ei ole kielletty. Ohjelman tuloste on tm Lisenssin alainen vain silloin, kun se on levitetty Ohjelmaan perustuvan teoksen (riippumatta siitä ajetaanko Ohjelmaa vai ei). Milloin tuloste on Lisenssin alainen riippuu siitä, mitä Ohjelma tekee.</para>

<Kohta 1>

Lisenssin saajalla on oikeus kopiooida ja levittää sanatarkkoina kopioita Ohjelman lihekoodista sellaisena kuin se on saatu, millä tahansa laitteella. Ehtona on, että asianmukaisesti jokaisesta kopiosta ilmenee kenellä on siihen tekijän oikeus ja että Ohjelmaan ei ole takuuta; edelleen, kaikki viitaukset tnm Lisenssin ja liitettyteken takuun puuttumisesta on pidettävä koskemmattomana; ja vielä, jokaiselle Ohjelman vastaanottajalle on annettava tnm Lisenssin ohjelman mukana.</para>

Lisenssin saaja voi pyytä Meadow Ohjelman kopiointista ja vu halutessaan myydä Ohjelman takkuun.</para>

<Kohta 2>

You may modify your copy or copies of the Program or any portion of it, thus
forming a work based on the Program, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions:

<orderedlist numeration=\"loweralpha\">
  <listitem>
    <para>
      You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
    </para>
  </listitem>
  <listitem>
    <para>
      You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
    </para>
  </listitem>
  <listitem>
    <para>
      If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.
    </para>
    <note>
      <title>Exception:</title>
      <para>
        If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
      </para>
    </note>
  </listitem>
</orderedlist>

<para>Nm ehdot koskevat muuteltua teosta kokonaisuudessaan. Jos yksilitvt osat tst teoksesta eivt ole johdettuja Ohjelmasta ja ne voidaan perustellusti katsoa itsenisiksi ja erillisiksi teoksiksi, silloin tm Lisenssi ja sen ehdot eivt koskeit osia, kun niit levitetn osana kokonaisuutta. Mutta jos samoja osia levitet ei osana kokonaisuutta, joka on Ohjelmasta perustuva teos, tmn kokonaisuuden levittminen on tapahduttava tmn Lisenssin ehtojen mukaan, jolloin tmn lisenssin ehdot laajenevat kokonaisuuteen ja tten sen jokaiseen osaan riippumatta siit, kuka ne on tehnyt ja mill
Eli tän Kohdan tarkoitus ei ole saada oikeuksia tai ottaa pois Lisenssin saajan oikeuksia teokseen, jonka
hän on kokonaan kirjoittanut; pikemminkin tarkoitus on kyttö oikeutta kontrolloida Ohjelman perustuvien
julkiseriestosten tai kollektiivisten teosten levittämist.

Lisksi pelkkä toisen teoksen, joka ei perustu Ohjelmaan, liittminen Ohjelman ( tai Ohjelman perustuvan
teoksen) kantaa samalle tallennus- tai jakeluvälineelle ei merkitse sit, että toinen teos tulisi tän Lisenssin
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Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that
you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a medium
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Accompany it with a written offer, valid for at least three years, to give any
third party, for a charge no more than your cost of physically performing source
distribution, a complete machine-readable copy of the corresponding source code,
to be distributed under the terms of Sections 1 and 2 above on a medium customarily
used for software interchange; or,

Accompany it with the information you received as to the offer to distribute
the corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form
with such an offer, in accord with Subsection b above.)
Teoksen lhdekoodi tarkoittaa sen suositeltavaa muotoa muutosten tekemist varten. Ajettavan teoksen tydellinen lhdekoodi tarkoittaa kaikkia lhdekoodia kaikkiin teoksen sisältöin moduleihin ja lisksi kaikkiin sen mukana seuraaviin kytkilityyntiedostoihin sek skripteihiin, joilla hallitaan ajettavan teoksen asennusta ja kntmist. Kuitenkin erityisen poikkeuksena levitetyn lhdekoodin ei tarvitse sislt mitn sellaista, mik yleens levitetn (joko lhdekoodi- tai binrimuodossa) kyttjristelmn pkomponenttien (kntj, ydlin, jne.) mukana, joiden pl teosta ajetaan, ellei tllinen komponentt tule ajettavan teoksen mukana.</para>

Jos ajettavan tai objektiikoodin levittminen tehdn tarjoamalla psy tietyst paikassa olevaan kopioon, tllin tarjoamalla vastavasti psy samassa paikassa olevaan lhdekoodiin luetaan lhdekoodin levittmiseksi, vaikka kolmansia osapuolia ei pakotettaii kopioimaan lhdekoodia objektiikoodin mukana.</sect2>

Ohjelman kopioiminen, muuttaminen, lisenspointi edelleen tai Ohjelman levittminen muuten kuin tmm Lisenssin ehtojen mukaisesti on kielletty. Kaikki yritykset muulla tavoin kopioida, muuttaa, lisensoida edelleen tai levitt Ohjelmaa ovat tappajtavat ja johtavat automaatitesti tmm Lisenssin mukaisten oikeuksien pttymiseen. Sen sijaan ne, jotka ovat saaneet kopiota tai oikeuksia Lisenssin saajalta tmm Lisenssin ehtojen mukaisesti, eivt menet saamiaan lisenssoitujia oikeuksia niin kauan kuin he noudattavat it ehtoja.</sect2>


Aina kun Ohjelmaa (tai Ohjelmaan perustuvaa teosta) levitetn, vastaanottaja saa automaatitesti alkuperiseltekijlt lisenssin kopioida, levitt ja muuttaa Ohjelmaa niden ehtojen ja edellytysten sitomina. Vastaanottajalle ei saa asettaa mitn lisrajoitteita tss annettujen oikeuksien kytst. Lisenssin saajalla ei ole vastuuta valvoa noudattavatko kolmannet osapuolet t Lisenssi.</sect2>

Jos oikeuden pts tai vite patentin loukkauksesta tai jokin muu syy (rajoittumatta patenttikysymyksiin) asettaa Lisenssin saajalle ehtoja (olipa niiden alkuper sitten tuomio, sopimus tai jokin muu), jotka ovat vastoin nit lisenssiehtoja, ne eivt anna oikeutta poiketa t Lisenssit. Jos levittminen ei ole mahdollista siten, ett
samanaikaisesti toimitaan sek tnn Lisenssin ett joidenkin muiden rajoittavien velvoitteiden mukaisesti, tllin
Ohjelmaa ei saa lainkaan levitt. Jos esimerkiksi jokin patenttilisenssi ei salli kaikille niille, jotka saavat Ohjelman
Lisenssin saajalta joko suoraan tai epsuorasti, Ohjelman levittmist edelleen ilman rojaltimaksuja, tllin ainut tapa tytt
sek patenttilisenssin ett tnn Lisenssin ehdot on olla levitttt Ohjelmaa lainkaan.

<p>jos jokin osa tst kohdasta katsotaan ptemttmksi tai mahdottomaksi vahvistaa oikeudessa joissakin tietyiss
olosuhteissa, silloin tt kohtaa on tarkoitus soveltaa ptevin osin ja muissa olosuhteissa kokonaisuudessaan.</p>

<p>Nama kohdan tarkoitus ei ole johtaa siihen, ett Lisenssin saaja rikkoisi mitn patenttia tai muuta
varallisuuskoettua tai vitt mit niiden oikeuksien ptevydest; tnn kohdan ainoana tarkoituksena on suojata
vapaiden ohjelmien levitysjrjestelmnn yhtenysyys, joka on luotu kyttmil yleisi lisenssej. Monet ovat antaneet
arvokkaan panoksensa mit erilaisimpin ohjelmiin, joita levitetn ts jrjestelms luottaa sen soveltamisen
psyvytyyn; on jokaisen tekijn ja lahjoittajan ptsvallassa haluaako hn levittt Ohjelman jossakin muussa jrjestelms ja
Lisenssin saaja ei voi vaikuttaa thn valintaan.</p>

<p>Tnn kohdan tarkoituksena on tehd tysin selvksi se, mik on tnn Lisenssin muiden osien seuraus.</p>

<h2>Kohta 8</h2>

<p>Jos patentit tai tekijnoikeudella suojatut kyttliittymt rajoittavat Ohjelman levittmist tai kytt joissakin
valtioissa, Ohjelman alkuperinen tekij, joka lisensoi ohjelmaansa tll Lisenssill, voi asettaa nimenomaan
maantieteellisi levytsrajoituksia, jolloin levittimen on sallittu kytt joko mukaan- tai poislukien nm valtio. Tllisess
Tapauksessa nm rajoitukset otetaan huomioon kuin ne olisi kirjoitettu tnn Lisenssin sekaan.</p>

<h2>Kohta 9</h2>

<p>Free Software Foundation voi julkaista korjattuja tai uusia versioita GPL-lisenssist aika ajoin. Niden
uusien versioiden henki on yhtenev nykyisen version kanssa, mutta ne saattavat erota yksityiskohdissa ottaen
huomioon uusia ongelmia ja huolenaiheita.</p>

<p>Jokaiselle versiolle annetaan ne muista erottava versionumero. Jos Ohjelma kytt tnn Lisenssin tiety
versiota tai <quote>mit tahansa myhemp versiota</quote>, Lisenssin saaja saa valita, kytt sit tai jotakin Free
Software Foundationin julkaisemaa myhemp versiota Lisenssist. Jos Ohjelma ei mainitse mit versiota tst Lisenssist
se kytt, on sallittua valita mik tahansa versio, jonka Free Software Foundation on koskaan julkaissut.</p>

<h2>Kohta 10</h2>

<p>Jos Lisenssin saaja haluaa ottaa osia Ohjelmasta mukaan muiniin vapaisiin ohjelmiin, joiden levysehdot
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- Se o Programa em si interativo mas normalmente não imprime estes tipos de anúncios, seu trabalho baseado no Programa não precisa imprimir um anúncio.

Estas exigências aplicam-se ao trabalho modificado como um todo. Se se identificáveis de tal trabalho no forem derivadas do Programa, e que podem ser razoavelmente consideradas trabalhos independentes e separados por si só, ento esta Licença, e seus termos, no se aplicam a estas seções quando você distribui-las como trabalhos em separado. Mas quando você distribuir as mesmas seções como parte de um todo, o qual baseado no Programa, a distribuição como um todo deve que se enquadrar nos termos desta Licença, cujas permissões para outros licenciados se estendem ao todo, portanto para cada e toda parte, independentemente de quem a escreveu.

Destas forma, esta seção no tem a intenção de reclamar direitos ou contestar seus direitos sobre o trabalho escrito inteiramente por você; ao invés disso, a intenção de exercitar o direito de controlar a distribuição de trabalhos, derivados ou coletivos, baseados no Programa.
Adicionalmente, a mera agregação ao Programa de outro trabalho no baseado no Programa (ou de trabalho baseado no Programa) em um volume de armazenamento ou meio de distribuição no faz o outro trabalho parte do escopo desta Licença.

Voc pode copiar e distribuir o Programa (ou um trabalho baseado nele, conforme descrito na Seo 2) em código-objeto ou em forma executável sob os termos das Sees 1 e 2 acima, desde que você também faça um dos seguintes itens: O acompanhe com o código-fonte completo correspondente e em forma acessível por máquinas, que deve ser distribuído sob os termos das Sees 1 e 2 acima e em meio normalmente utilizado para o intercâmbio de software; ou,

O acompanhe com uma oferta expressa, válida por pelo menos três anos, de fornecer a qualquer terceiros, com um custo no superior ao custo de distribuição física do material, uma cópia do código-fonte completo e em forma acessível por máquinas, que deve ser distribuído sob os termos das Sees 1 e 2 acima e em meio normalmente utilizado para o intercâmbio de software; ou,

O acompanhe com a informação que você recebeu em relação oferta de distribuição do código-fonte correspondente. (Esta alternativa permitida somente em distribuição no comercial, e apenas se você recebeu o programa em forma de código-objeto ou executável, com oferta, de acordo com a Subseio b acima.)

O código-fonte de um trabalho corresponde à forma de trabalho preferida para se fazer modificações. Para um trabalho em forma executável, o código-fonte completo significa todo o código-fonte de todos os módulos que ele contém, mais quaisquer arquivos de definição de "interface", mais os "scripts" utilizados para se controlar a compilação e a instalação do executável. Contudo, como exceção especial, o código-fonte distribuído no precisa incluir qualquer componente normalmente distribuído (tanto em forma original quanto binária) com os maiores componentes (o compilador, o "kernel" etc.) do sistema operacional sob o qual o executável funciona, a menos que o componente em si acompanhe o executável.

Se a distribuição do executável ou código-objeto feita através da oferta de acesso a cópias de algum lugar, ento ofertar o acesso equivalente a cópia, do mesmo lugar, do código-fonte equivale distribuição do código-fonte, mesmo que terceiros no sejam compelidos a copiar o código-fonte com o código-objeto.

Voc não pode copiar, modificar, sub-licenciar ou distribuir o Programa, exceto de acordo com as condições expressas nesta Licença. Qualquer outra tentativa de cópia, modificação, sub-licenciamento ou distribuição do Programa...
vetado, e cancelar automaticamente os direitos que lhe foram fornecidos por esta Licença. No entanto, terceiros que
receberam cópias ou direitos, fornecidos por voc sobre os termos desta Licença, no terão suas licenças canceladas, desde
que permaneçam em total concordância com ela.</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Seo 5</title>

<para>Voc não obrigado a aceitar esta Licença, j que não a assinou. No entanto, nada mais o dar permissão para
modificar ou distribuir o Programa ou trabalhos derivados deste. Estas ações são proibidas por lei, caso voc não aceite
esta Licença. Desta forma, ao modificar ou distribuir o Programa (ou qualquer trabalho derivado do Programa), voc
estar indicando sua total aceitação desta Licença para fazê-los, e todos os seus termos e condições para copiar, distribuir ou
modificar o Programa, ou trabalhos baseados nele.</para>
</sect2>

<sect2 id="sect6" label="6">
<title>Seo 6</title>

<para>Cada vez que voc redistribuir o Programa (ou qualquer trabalho baseado nele), os recebedores adquirirão
automaticamente do licenciador original uma licença para copiar, distribuir ou modificar o Programa, sujeitos a estes
termos e condições. Voc não pode impor aos recebedores qualquer restrição ao exercício dos direitos ento
adquiridos. Voc não responsável em garantir a concordância de terceiros a esta Licença.</para>
</sect2>

<sect2 id="sect7" label="7">
<title>Seo 7</title>

<para>Se, em conséquência de decisões judiciais ou alegações de infringimento de patentes ou quaisquer outras razes
(no limitadas a assuntos relacionados a patentes), condições forem impostas a voc (por ordem judicial, acordos ou
outras formas) e que contradigam as condições desta Licença, elas não o livram das condições desta Licença. Se voc não
puder distribuir de forma a satisfazer simultaneamente suas obrigações para com esta Licença e para com as outras
obrigações pertinentes, então como consequência voc não pode distribuir o Programa. Por exemplo, se uma licença de
patente não permitir a redistribuição, livre de "royalties", do Programa, por todos aqueles que receberem cópias direta ou
indiretamente de voc, ento a nica forma de voc satisfazer a ela e a esta Licença seria a de desistir completamente de
distribuir o Programa.</para>

<para>Se qualquer parte desta seo for considerada inválida ou no aplicável em qualquer circunstância particular, o
restante da seo se aplica, e a seo como um todo se aplica em outras circunstâncias.</para>

<para>O propósito desta seo não é induzi-lo a infringir quaisquer patentes ou reivindicações de direitos de
propriedade outros, ou a contestar a validade de quaisquer dessas reivindicações; esta seo tem como nico propósito
proteger a integridade dos sistemas de distribuição de software livres, o que implementado pela prática de licenças
públicas. Vrias pessoas têm contribuído generosamente e em grande escala para os software distribuídos usando este
sistema, na certeza de que sua aplicação feita de forma consistente; fica a critério do autor/doador decidir se ele ou ela
est disposto a distribuir software utilizando outro sistema, e um licenciado não pode impor qualquer escolha.</para>

<para>Esta seo destina-se a tornar bastante claro o que se acredita ser consequência do restante desta
Licença.</para>
Se a distribuição e/ou uso do Programa se restringem em certos países por patentes ou direitos autorais, o detentor dos direitos autorais original, e que colocou o Programa sob esta Licença, pode incluir uma limitação geográfica de distribuição, excluindo aqueles países de forma a tornar a distribuição permitida apenas naqueles ou entre aqueles países em que não estiverem excluídos. Nestes casos, esta Licença incorpora a limitação como se a mesma constasse escrita nesta Licença.

A Free Software Foundation pode publicar versões revisadas e/ou novas da Licença Pública Geral de tempos em tempos. Estas novas versões serão semelhantes em espírito à versão atual, mas podem diferir em detalhes que resolvem novos problemas ou situações.

A cada versão dada um número distinto. Se o Programa especifica um número de versão específico desta Licença que se aplica a ele e a "qualquer nova versão", você tem a opção de aceitar os termos e condições daquela versão ou de qualquer outra versão publicada pela Free Software Foundation. Se o Programa não especifica um número de versão desta Licença, você pode escolher qualquer versão já publicada pela Free Software Foundation.

Se você pretende incorporar partes do Programa em outros programas livres, cujas condições de distribuição são diferentes, escreva ao autor e solicite permissão. Para o software que a Free Software Foundation detém direitos autorais, escreva ao Free Software Foundation; s vezes, nós permitimos exceções a este caso. Nossa decisão será guiada pelos dois objetivos de preservar a condição de liberdade de todas as derivações do nosso software livre, e de promover o compartilhamento e reutilização de software em aspectos gerais.

AUSNCIA DE GARANTIAS

Uma vez que o Programa Licenciado sem nus, não há qualquer garantia para o Programa, na extensão permitida pelas leis aplicáveis. Exceto quando expressado de forma expressa, os detentores dos direitos autorais e/ou terceiros disponibilizam o Programa "NO ESTADO", sem qualquer tipo de garantias, expressas ou implícitas, incluindo, mas não se limitando a, as garantias implícitas de comercialização e as de adequação a qualquer propósito. Todo o risco relacionado à qualidade e desempenho do Programa é sua. Se o Programa se mostrar defeituoso, você assume os custos de todas as manutenções, reparos e correções.
EM NENHUMA OCASIO, A MENOS QUE EXIGIDO PELAS LEIS APLICVEIS OU ACORDO EXPRESSO, OS DETENTORES DOS DIREITOS AUTORAIS, OU QUALQUER OUTRA PARTE QUE POSSA MODIFICAR E/OU REDISTRIBUIR O PROGRAMA CONFORME PERMITIDO ACIMA, SERO RESPONSABILIZADOS POR VOC POR DANOS, INCLUINDO QUALQUER DANO EM GERAL, ESPECIAL, ACIDENTAL OU CONSEQUENTE, RESULTANTES DO USO OU INCAPACIDADE DE USO DO PROGRAMA (INCLUINDO, MAS NO LIMITADO A, PERDA DE DADOS OU DADOS TORNADOS INCORRETOS, OU PERDAS SOFRIDAS POR VOC OU POR OUTRAS PARTES, OU FALHAS DO PROGRAMA AO OPERAR COM QUALQUER OUTRO PROGRAMA), MESMO QUE TAL DETENTOR OU PARTE TENHAM SIDO AVISADOS DA POSSIBILIDADE DE Tais DANOS.
Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, että ne esttvt ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisenssit on suunniteltu takaamaan kyttjin vapaus jakaa ja muuttaa ohjelmaa lisenssissi varmistaa, että ohjelma on vapaa kaikille kyttjille. Kun tss Lisenssiss puhutaan vapaasta ohjelmasta, silloin ei tarkoituksena hintaa. GPL-lisenssi on nimittin suunniteltu siten, että kyttjille taataan vapaus levitt kopioita vapaista ohjelmista (ja pyyt halutessaan maksu tst palvelusta). GPL-lisenssi takaavat my sennet, ett kyttj saa halutessaan ohjelman lhdekoodin, ett h n voi muuttaa ohjelmaa tai kytt osia siit omissa vapaissa ohjelmissaan, ja ett kaikkien niden toimien tiedtyn olevan sallittuja.
Jotta kytkyn oikeudet turvattaisiin, lisenssill asetetaan rajoituksia, jotka estvt ket tahansa kieltmst nit oikeuksia tai vaatimasta niiden luovuttamista. Nm rajoitukset merkitsevt tiettyj velvoitteita jokaiselle kyttjille, joka levitt kirjastokopioita tai muuttaa kirjastoa.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.


Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a *work based on the library* and a *work that uses the library*. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what program that uses the Library does.
Kohta 1

Lisenssin saajalla on oikeus kopioida ja levittä tarvikoja kopioita Kirjaston lähdekoosta sellaisena kuin se on saatu, mill tahansa laitteella. Ehtona on, että asianmukaisesti jokaisesta kopioista ilmenee kenellä on siihen tekijänoikeus ja että Kirjastoon ei ole taka; edelleen, kaikki viitaukset tähän Lisenssin ja ilmoitukseen takaun puuttumisesta on pidettävän koskemattomana; ja vielä, jokaiselle Kirjaston vastaanottajalle on annettava tämä Lisenssi kirjaston mukana.

Lisenssin saaja voi pyytää maksun Ohjelman kopioimisesta ja voi halutessaan myydä Ohjelman takaun.

Kohta 2

You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

1. The modified work must itself be a software library.
2. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
3. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
4. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of its purpose remains meaningful.

<para>

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

<para>

<para>
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

<para>

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

<para>

<para>
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

<para>

</sect2>

<sect2 id="sect3" label="3">
<title>Kohta 3</title>

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

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

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

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

Jos ajettavan tai objektikoodin levittäminen tehdään tarjoamalla psy tietystä paikasta olevaan kopiaan, tällöin tarjoamalla vastavasti psy samassa paikassa olevaan lihenkoodiin luetaan lihekoodin levittämisesti, vaikka kolmansia osapuolia ei pakotettaisi kopioimaan lihekoodia objektikoodin mukana.
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. Executables containing this object code plus portions of the Library will still fall under Section 6. Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
As an exception to the Sections above, you may also combine or link a <quote>work that uses the Library</quote> with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

</para>

</para>

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

<orderedlist numeration="loweralpha">
  <listitem>
    <para id="sect6a">
      Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above); and, if the work is an executable linked with the Library, with the complete machine-readable <quote>work that uses the Library</quote>, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
    </para>
  </listitem>
  <listitem>
    <para>
      Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more than the cost of performing
this distribution.
</para>
</listitem>
</listitem>
<para>
If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
</para>
</listitem>
</listitem>
</orderedlist>
</para>

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

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

</sect2>

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

</para>

<orderedlist numeration="loweralpha">
  <listitem>
    <para>Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.</para>
  </listitem>
  <listitem>
    <para>Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.</para>
  </listitem>
</orderedlist>

<sect2 id="sect8" label="8">
  <title>Kohta 8</title>

  <para>Kirjaston kopioiminen, muuttaminen, lisensoidena tai Kirjaston levittäminen muuten kuin tmm Lisenssin ehtojen mukaisesti on kielletty. Kaikki yritykset muulla tavoin kopioida, muuttaa, lisensoidena tai levittävä Kirjastoa ovat pitemmän ja johtavat automaattisesti tmm Lisenssin mukaisten oikeuksien pttymiseen. Sen sijaan ne, jotka ovat saaneet kopioita tai oikeuksia Lisenssin saajalta tmm Lisenssin ehtojen mukaisesti, eivt menet saamiaan lisenoituja oikeuksia niin kauan kuin he noudattavat nit ehtoja.</para>

</sect2>

<sect2 id="sect9" label="9">
  <title>Kohta 9</title>


</sect2>

<sect2 id="sect10" label="10">
  <title>Kohta 10</title>

Aina kun Kirjastoa (tai Kirjastoon perustuvaa teosta) levitetÄän, vastaanottaja saa automaattisesti alkuperiselt tekijilt lisenssin kopioida, levitt ja muuttaa Kirjastoa niiden ehtojen ja edellytysten sitomina. Vastaanottajalle ei saa asettaa mitä lisärajoitteita tss annettujen oikeuksien kytst. Lisenssin saajalla ei ole vastuuta valvooa noudattavatko kolmannet osapuolet tätä Lisenssillä.</sect2>

<sect2 id="sect11" label="11">
<title>Kohta 11</title>

Jos oikeuden tai veteen rajoitin loukkaustena tai jokin muu syy (rajoittumattapa patenttikysymykseksi) asettaa Lisenssin saajalle ehtoja (olipa niiden alkuperäinen tuomio, sopimus tai jokin muu), jotka ovat vastoin niin lisenssiehtojen, ei eivät anna oikeutta poiketa tätä Lisenssillä. Jos levittäminen ei ole mahdollista siten, että samanaikaisesti toimitaan sek tätä Lisenssin ett joidenkin muiden rajoittavien velvoitteiden mukaisesti, sillä Kirjastoa ei saa lainkaan levittävä. Jos esimerkiksi jokin patenttilisenssi ei salli kaikille niille, jotka saavat Kirjaston Lisenssin saajalta joko suoraan tai epäsuorasti, Kirjaston levittävä edelleen ilman rojalitimaksua, tällöin ainut tapa tyttä sek patenttilisenssin ett tätä Lisenssin ehdot on olla levittämättä Kirjastoa lainkaan.</sect2>

Jos jokin osa tätä kohdasta katsotaan pitemmäksi tai mahdollomaksi vahvistaa oikeudessa joissakin tietyissä olosuhteissa, sillä tätä kohta on tarkoitus soveltaa pitevin osin ja muissa olosuhteissa kokonaisuudessaan.</sect2>

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</sect2>

<sect2 id="sect14" label="14">
<title>Kohta 14</title>
<para>Jos Lisenssin saaja haluaa ottaa osia Kirjastosta mukaan muihin vapaisiin ohjelmiin, joiden levysehdot ovat erilaiset, hnen tulee kirjoittaa tekijlle ja kysy lupaa. Jos ohjelman tekijnoikeuden omistaa Free Software Foundation, on kirjoitettava heille; he tekev Joskus poikkeuksia. Free Software Foundationinin ptsten ohjenuorana on kaksi pmr; silytt kaikista heidn vapaisista ohjelmista johdettujen ohjelmien vapaa asema ja yleisesti kannustaa ohjelmien jakamiseen ja uudelleen kyttn.</para>
</sect2>

<sect2 id="sect15" label="15">
<title>Ei takuuta</title>
<title>Kohta 15</title>
<para>Koska tm Kirjasto on lisensoitu ilmaiseksi, tille Kirjastolle ei mynnet takuuta lain sallimissa rajoissa. Ellei tekijnoikeuden haltija kirjallisesti muuta osoita, Kirjasto on tarjolla <quote>sellaisena kuin se on</quote> ilman minklaista takuuta, ilmaistua tai hiljaista, sislt, muttei tyhjentvst, hiljaisen takuun kaupallisesti hyvkyyttvst laadusta ja soveltuuudesta tiettyyn tarkoituukseen. Lisenssin saajalla on kaikki riski Kirjaston laadusta ja suorituskyvyst. Jos ohjelma osoittautuu virheelliseksi, Lisenssin saajan vastuulla ovat kaikki huolto- ja korjauskustannukset.</para>
</sect2>

<sect2 id="sect16" label="16">
<title>Kohta 16</title>
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</sect2>
</sect1>
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<sect1 id="fdl-section2" label="2">
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Pri izdajanju natisnjenih izvodov tega <link linkend="fdl-document">Dokumenta</link> v nakladi ve kot 100 izvodov, in dovoljenje dokumenta zahteva tudi <link linkend="fdl-cover-texts">Besedila na platnicah</link>, je treba izvode obdati s platnicami, ki itljivo in razumljivo nosijo vsa ta Besedila na platnicah: besedila na naslovni in besedila na zadnji strani platnic. Na obeh platnicah mora biti tudi itljivo in razumljivo zavedeno imenovanje izdajatelja teh izvodov. Prednja platnica mora vsebovati popoln naslov z vsemi enako izrazito natisnjenimi in vidnimi besedami naslova. Na platnice je ob tem dovoljeno dodati tudi druge stvari. Kopiranje s spremembami, omejenimi na platnice, e le ohranijo naslov tega <link linkend="fdl-document">documenta</link> in zadoajo tem
pogojem, se lahko v drugih ozirih tejejo za dobesedno kopiranje.</para>

<para>e je zahtevanih besedil za katero od platnic preve, da bi jih bilo mogoed podati itljivo, je treba najprej vstaviti prve natete (kolikor jih pa razumno gre) na pravo platnico, in vstaviti preostanek na strani, ki neposredno sledijo naslovnici.</para>

<para>e objavljate ali razirjate <link linkend=”fdl-transparent”>Nejasne izvode</link> tega <link linkend=”fdl-document”>Dokumenta</link>, v nakladi ve kot 100 izvodov, je treba bodisi vključiti strojno berljivo <link linkend=”fdl-transparent”>Jasno obliko</link> poleg vsakega Nejasnega izvoda, ali poleg vsakega Nejasnega izvoda objaviti tudi javno dostopno mesto v raunalnikem omreju, kjer je dostopna popolna Jasna kopija dokumenta, brez dodatnega materiala, in kjer jo sploša javnost, ki uporablja omreje, lahko brezplano prejme prejme preko javnih standardnih omrenih protokolov. e uporabite zadnjo izbri, je treba razumeno preudarno poskrbeti za to, da bo po objavi Nejasne oblike dela, Jasna oblika ostala dostopna na objavljenem mestu vsaj eno leto po preteku datuma, ko je javnosti posredovan (neposredno ali prek zastopnikov oziroma trgovcev na drobno) zadnji Nejasni izvod.</para>

<PRIPROENOJE, NE PA Tudi zahtevano, da se precej pred zaetkom razirjanja vejega tevila izvodov, vzpostavi stik z avtorji tega <link linkend=”fdl-document”>Dokumenta</link>, da imajo monost priskrbeti pred razirjanjem posodobljene različice dokumenta.</para>

</sect1>

<sect1 id=”fdl-section4” label=”4”>
<title>Spremenbe</title>
<para>Spremenjeno razliico tega <link linkend=”fdl-document”>Dokumenta</link> je dovoljeno razmnoevati in razirjati pod pogoji iz <link linkend=”fdl-section2”>2</link> in <link linkend=”fdl-section3”>3</link> razdelka, v kolikor bo izdana <link linkend=”fdl-modified”>Spremenjena razliica</link> pod tovo tem delom, kjer Spremenjena razliica prevzame vlogo tega dokumenta, in torej to dovoljenje ureja razirjanje in spreminjanje Spremenjene različice za kogarkoli, ki posedeje njen izvod. Poleg tega je treba v Spremenjeni različici narediti e naslednje:</para>

<itemizedlist mark=”upper-alpha”>
<li>
<para>Na <link linkend=”fdl-title-page”>naslovni strani</link> (ali platnicah, e obstajajo) uporabite naslov, razljen od naslova izvirnega <link linkend=”fdl-document”>Dokumenta</link> in vseh prejnjih razlic (ki bi morale biti, e jih je kaj, natete v razdelku Zgodovina v dokumentu). e se izviri zalonik s tem strinja, lahko uporabite isti naslov kot ga ima prejnj različica.</para>
</liitem>
<li>
<para>Na <link linkend=”fdl-title-page”>naslovni strani</link> kot avtorje nateti eno ali ve oseb ali drub, odgovornih za avtorstvo sprememb v <link linkend=”fdl-modified”>Spremenjeni različici</link>, skupaj z vsaj petimi glavnimi avtorji <link linkend=”fdl-document”>Dokumenta</link> (ali vsemi avtorji, e jih je manj kot pet).</para>
</liitem>
<li>
<para>Na <link linkend=”fdl-title-page”>naslovni strani</link> imenovati zalonik <link linkend=”fdl-modified”>Spremenjene različice</link>.</para>
</liitem>
</itemizedlist>
<listitem>
<para>Ohraniti vsa obvestila o pravicah razirjanja <link linkend="fdl-document">Dokumenta</link>.</para>
</listitem>

<listitem>
<para>Dodati ustrezno obvestilo o pravicah razirjanja za vse spremembe poleg drugih obvestil o pravicah razirjanja.</para>
</listitem>

<listitem>
<para>Takoj po obvestilih o pravicah razirjanja vključiti obvestilo dovoljenja, ki javno dovoljuje rabo <link linkend="fdl-modified">Spremenjene razliice</link> pod pogoji tega dovoljenja, v obliki, prikazani v Dodatku, spodaj.</para>
</listitem>

<listitem>
<para>V tem obvestilu dovoljenja ohranite popoln seznam <link linkend="fdl-invariant">Nespremenljivih razdelkov</link> in zahtevanih <link linkend="fdl-cover-texts">Besedil na ovitku</link>, Besedil na ovitku <link linkend="fdl-document">Dokumenta</link> pod pogoji tega dovoljenja, v obliki, prikazani v Dodatku, spodaj.</para>
</listitem>

<listitem>
<para>Vključite nespremenjen izvod tega dovoljenja.</para>
</listitem>

<listitem>
<para>Ohranite razdelek, imenovan <quote>Zgodovina</quote>, in njegov naslov, in vanj dodajte postavko z vsaj naslovom, letom, novimi avtorji in izdajateljem <link linkend="fdl-modified">Spremenjene razliice</link>, kot je podana na <link linkend="fdl-title-page">Naslovni strani</link> e v dokumentu ni razdelka, imenovanega <quote>Zgodovina</quote>, ga ustvarite, in podajte naslov, leto, avtorje in izdajatelja <link linkend="fdl-document">Dokumenta</link>, kot je podan na njegovi Naslovni strani, potem pa e dodajte postavko, v kateri opiite Spremenjeno razliico, kot pie v prejnjem stavku.</para>
</listitem>

<listitem>
<para>V kolikor obstaja, je priporočeno ohraniti omrežno mesto, za javni dostop do <link linkend="fdl-transparent">Jasnih izvodov</link> <link linkend="fdl-document">Dokumenta</link>, ki je navedeno v dokumentu, in podobno tudi vsa omrežna mesta s prejnjimi razliicami dokumenta, ki so navedena v dokumentu. Priporoljivo jih je dodati v razdelek <quote>Zgodovine</quote>, Mogoč pa je omrežna mesta tudi izpustiti za delo, ki je bilo izdano vsaj tiri leta pred samim dokumentom, ali, e izdajatelj, omenjen v ustrezni razliici, to dovoli.</para>
</listitem>

<listitem>
<para>V vsakem razdelku, poimenovanem <quote>Zahvale</quote> ali <quote>Posvetila</quote>, je treba ohraniti naslov razdelka in v razdelku ohraniti vso izvorno vsebino za vse tam podane zahvale in/ali posvetila.</para>
</listitem>
Ohraniti je treba vse <link linkend="fdl-invariant">Nespremenljive razdelke</link> <link linkend="fdl-document">Dokumenta</link>, z nespremenjenim besedilom in naslovami, tevilke ali druge oznake razdelkov ne tejejo za del naslovov razdelkov.</para>
</listitem>

Izbrisati je treba vse razdelke, naslovljene <quote>Odobritve</quote>. Takni razdelki ne smejo biti vključeni v <link linkend="fdl-modified">Spremenjeni različici</link>.</para>
</listitem>

Ni dovoljeno preimenovali kateregakoli obstoječega razdelka v <quote>Odobritve</quote> ali v isto ime, kot ga ima <link linkend="fdl-invariant">Nespremenljivi razdelek</link>.</para>
</listitem>

V primeru, da <link linkend="fdl-modified">Spremenjena različica</link> vključuje nove elne razdelke ali dodatke, ki tejejo za <link linkend="fdl-secondary">Druge razdelke</link> in ne vsebujejo iz dokumenta prepisane snovi, je dovoljeno po lastni presoji označiti nekatere ali vse takne razdelke kot nespremenljive. To je treba storiti tako, da se dodajo njihovi naslovi v seznam <link linkend="fdl-invariant">Nespremenljivih razdelkov</link> v obvestilu dovoljenja Spremenjene različice. Ti naslovi se morajo razlikovati od vseh drugih naslovov razdelkov.</para>

Dodate lahko razdelek, imenovan <quote>Odobritve</quote>, e ne vsebuje ni drugega kot odobritve vse Spremenjene različice različnih strank na primer, recenzijske izjave ali besedilo, ki jo je bilo odobreno s strani organizacije kot veljavna definicija standarda.</para>

Kot <link linkend="fdl-cover-texts">Besedilo na naslovnici</link> <link linkend="fdl-modified">Spremenjene različice</link> je dovoljeno dodati odlomek največ petih besed, kot <link linkend="fdl-cover-texts">Besedilo na zadnji strani</link> pa odlomek največ 25 besed. Vsaka oseba lahko doda le en odlomek Besedila na naslovnici in Besedila na zadnji strani platnic, vkljuno z odlomki po dogovorih. e <link linkend="fdl-document">Dokument</link> e vsebuje besedilo na naslovnici za isti ovitek, ki je bil e dodan ali je bil dodan po dogovoru z isto (fizino ali pravno) osebo v zastopstvu, ni dovoljeno dodati e enega, pa pa je dovoljeno starega nadomestiti z izrecnim soglasjem prejnjega izdajatelja, ki je stari odlomek dodal.</para>

Avtorji in izdajatelji <link linkend="fdl-document">Dokumenta</link> s tem dovoljenjem ne dovolijo uporabe njihovih imen ali pritrditve ali implicitnega soglasja za katerokoli <link linkend="fdl-modified">Spremenjeno različico</link>.</para>
</sect1>

Zdruevanje dokumentov<title>

Dokument</title> je dovoljeno združevati s katerimikoli drugimi dokumenti, izdanimi pod pogoji tega dovoljenja, pod zgornjimi pogoji za spremenjene različice iz <link linkend="fdl-section4">4. razdelka</link>, e vključite vse <link linkend="fdl-invariant">Nespremenljive razdelke</link> vseh
izvirnih dokumentov, nespremenjenih, in so v izjavi dovoljenja nateti kot Nespremenljivi razdelki novega, zdruenega dela. </para>

<para>Zdrueno delo zahteva le en izvod tega dovoljenja, in ve istih <link linkend="fdl-invariant">Nespremenljivih razdelkov</link> se lahko nadomesti z enim samim. e obstaja ve Nespremenljivih razdelkov z istim imenom, vendar razlino vsebino, je treba naslov vsakega od njih spremeniti v edinstvenega, tako da na njegov konec v oklepajih dodate ime izvirnega avtorja ali izdajatelja, e vam je znano, sicer pa edinstveno tevilo. Iste spremembe je treba narediti v imenih razdelkov v seznamu Nespremenljivih razdelkov v izjavi dovoljenja vaega zdruenega dela. </para>

<para>V zdruenem delu je treba zdruiti vse razdelke v razlinih izvirnih dokumentih, poimenovane <quote>Zgodovina</quote>, tako da se oblikuje en sam razdelek <quote>Zgodovina</quote>; podobno je treba zdruiti vse razdelke <quote>Zahvale</quote> in <quote>Posvetila</quote>. Izbrisati pa je treba vse razdelke, poimenovane <quote>Odobritev</quote>. </para>

</sect1>

<sect1 id="fdl-section6" label="6">
<title>Zbirka dokumentov</title>
<para>Do voljeno je napraviti zbirko tega <link linkend="fdl-document">Dokumenta</link> in drugih dokumentov, izdanih pod pogoji tega dovoljenja, in nadomestiti posamezne izvode tega dovoljenja v razlinih dokumentih z enim samim izvodom, ki je vkljuen v zbirko, upotevajo zahteve tega dovoljenja za obesedno razmnoevanje vsakega od teh dokumentov v vseh drugih pogledih. </para>

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</sect1>

<sect1 id="fdl-section7" label="7">
<title>Zdruvevanje z neodvisnimi deli</title>
<para>Zdruvevanje <link linkend="fdl-document">Dokumenta</link> ali njegovih izpeljanih razliic z drugimi loenimi in neodvisnimi dokumenti ali deli, v knjigi ali kakrnemkoli nosilcu hrambe ali razirjanja, kot celota ne teje za <link linkend="fdl-modified">Spremenjeno razliico</link> dokumenta, e za zdrueno zbirko nihe ne zahteva pravic razirjanja. Takno zdrueno delo se imenuje <quote>zbirko</quote> in to dovoljenje ne velja za druga samostojna dela, tako zdruena z dokumentom, zaradi tega, ker so zdruena z dokumentom, e niso sama izpeljana dela dokumenta. V kolikor so zahteve <link linkend="fdl-cover-texts">besedila na ovitku</link> skladne z <link linkend="fdl-section3">oddelkom 3</link> tega dokumenta, potem je dovoljeno, v kolikor je dokument del, ki je manji od etrtine celotne zbirke, besedilo na naslovnici postaviti na platnici, ki sta neposredno povezani le z dokumentom v zbirki. Sicer mora biti besedilo izpisano na naslovnicah celotne zbirke. </para>
</sect1>

<sect1 id="fdl-section8" label="8">
<title>Prevod</title>
<para>Prevod teje za vrsto spremembe, zato lahko razirjate prevode <link linkend="fdl-
Dokumenta pod pogoji ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja ali ga razirjati, razen e je to izrecno dovoljeno s tem dovoljenjem. Vsak drugi poskus razmnoevanja, spreminjanja, podrejanja dovoljenja ali razirjanja Dokumenta je nien, in samodejno prekine vaše pravice, izhajajoče iz tega dovoljenja. Vendar pa se osebam, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler se ji popolnoma podrejajo.

V primeru, da ni Nespremenljivih razdelkov, je treba v dokumentu...
zapisati, da je ta brez Nespremenljivih razdelkov, namesto, da so posami opredeljeni. Podobno je treba storiti tudi, e ni Besedila na ovitku.</para>

V kolikor dokument vsebuje netrivialne primere programske kode, vam priporoamo, da te primere izdate vzporedno pod dovoljenjem proste programske opreme, kot je Splono dovoljenje GNU (angl. GNU General Public License), po vaem izboru, da dovolite rabo te kode v prostih programih.</para>

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Maintained by the GNOME Documentation Project
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programmes non libres doivent pouvoir tre autoriss utiliser la bibliothque. Un cas plus frent est qu'une bibliothque libre effectue les mmes tches que des bibliothques non libres largement utilises. Dans ce cas, il n'y a pas grand chose gagner limiter la bibliothque libre aux seuls logiciels libres, aussi nous utilisons la Licence Gnrale Publique Limite.</para>

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4. Si une facilit dans le bibliothèque modifie référence une fonction ou une table de données fournie par une application utilisant la facilit, autre qu'un argument pass quand la facilit est invoquée, alors vous devez faire un effort en toute bonne foi pour vous assurer que, dans l'éventualité où une application ne fournira pas une telle fonction ou table, la facilit restera opérationnelle et effectuera une partie quelconque de sa finalité de façon sensée.

(Par exemple, une fonction dans une bibliothèque pour calculer des racines carrées a une finalité qui est totalement bien définie indépendamment de l'application. Par conséquent, la Sous-section 2d requiert que toute fonction fournie par l'application ou table utilisée par cette fonction doit être optionnelle si l'application n'en fournit pas: la fonction racine carrée doit encore pouvoir calculer des racines carrées.)

Ces obligations s'appliquent au travail modifié dans son entier. Si des sections identifiables de ce travail ne
sont pas drives dans la Bibliothque, et peuvent tre raisonnablement considrs comme des travaux indpendants et
spars par eux-mmes, alors cette Licence et ses termes, ne s'appliquent pas ces sections, ds lors que vous les
distribuez en tant que travaux spars. Mais quand vous distribuez les mmes sections en tant que composants d'un
ensemble constituant un travail bas sur la Bibliothque, la distribution de l'ensemble doit se faire suivant les termes
de cette Licence, dont les autorisations accord es d'autres obtenteurs de licences s'tendent la totalit de l'ensemble et
donc pour chacun des composants indpendamment de qui les a crit.</para>

<Aussi, ce n'est pas l'intention de cette section de clamer des droits ou de contester vos droits sur des
travaux crits entirement par vous; l'intention est plutt d'exercer le droit de contrler la distribution des travaux drivs
ou collectifs bass sur la Bibliothque.>

<De plus, la simple agrgation avec la Bibliothque (ou avec un travail bas sur la Bibliothque) d'un autre
travail non bas sur la Bibliothque sur un mme volume de stockage ou un support de distribution n'amne pas cet autre
travail dans le champ d'application de cette Licence.>

<Vous pouvez choisir d'appliquer les termes de la Licence Gnrale Publique GNU ordinaire au lieu de deux
de cette Licence une copie donne de cette Bibliothque. Pour le faire, vous devez modifier les notices qui se rfrent
cette Licence, de sorte qu'ils se rfrent plutt la Licence Gnrale Publique GNU version 2, au lieu de cette Licence. (Si
une version officielle plus rcente que la version 2 de la Licence Gnrale Publique GNU ordinaire a t publie, alors
vous pouvez specifier plutt cette version si vous le souhaitez.) N'effectuez aucun autre changement ces
notices.>

<ds que ce changement a t fait dans une copie donne, il est irreversible pour cette copie et donc la Licence
Gnrale Publique GNU ordinaire s'appliquera toutes les copies suivantes et tous travaux drivs effectus partir de
cette copie.>

<Cette option est utile quand vous souhaitez copier une partie du code de la Bibliothque en un programme
qui n'est pas une bibliothque.>

<Vous pouvez copier et distribuer la Bibliothque (ou une portion ou un driv de celle-ci, suivant les termes
de la ) sous forme de code objet ou executable suivant les termes des ci-dessus, pourvu que vous l'accompagniez
avec le code source correspondant sous forme lisible par une machine, qui doit tre distribu suivant les termes des
ici-dessus sur un support utilis habituellement pour l'change de logiciels.>

<Si la distribution du code objet se fait en offrant l'acces la copie depuis un emplacement design, alors une
offre d'accès équivalente pour copier le code source depuis le même emplacement satisfait l'obligation de distribuer le code source, même si des parties tierces ne sont pas obligés de copier simultanément le source en même temps que le code objet.</para>

</sect2>

<sect2 id="sect5" label="5">
  <title>Section 5</title>

  <para>Un programme qui ne contient aucun driv d'une quelconque portion de la Bibliothèque, mais est conçu pour travailler avec la Bibliothèque en tant compil ou li avec cette Bibliothèque, est appel un <quote>travail utilisant la Bibliothèque</quote>. Un tel travail, pris isolément, n'est pas un travail driv de la Bibliothèque et tombe par conséquent hors du champ d'application de cette Licence.</para>

  <para>Cependant, la liaison avec la Bibliothèque d'un <quote>travail utilisant la Bibliothèque</quote> crée un exécutable qui est un driv de la Bibliothèque (car il contient des portions de la Bibliothèque), plutôt qu'un <quote>travail utilisant la Bibliothèque</quote>. L'exécutable est par conséquent couvert par cette Licence. La <link linkend="sect6">Section 6</link> tablit les termes de distribution de tels exécutables.</para>

  <para>Quand un <quote>travail utilisant la Bibliothèque</quote> utilise des éléments d'un fichier d'entête faisant partie de la Bibliothèque, le code objet de ce travail peut être un travail driv de la Bibliothèque même si son code source ne l'est pas. Cette définition prendra son sens tout particulièrement si le travail peut être lié sans la Bibliothèque ou si le travail est lui-même une bibliothèque. Les fléxibilités de ce cas ne sont pas définies de façon précise par la loi.</para>

  <para>Si un tel fichier objet utilise uniquement des paramètres numériques, des schémas et accesseurs de structures de données et de petites macros et petites fonctions en ligne (dix lignes de source ou moins en longueur), alors l'utilisation du fichier objet est non restreinte, indépendamment du fait que cela constitue également un travail driv. (Les règles de la <link linkend="sect6">Section 6</link> s'appliqueront tout de même aux exécutables contenant ce code objet plus des portions de la Bibliothèque.)</para>

  <para>Autrement, si le travail est un driv de la Bibliothèque, vous pouvez distribuer le code objet pour le travail suivant les termes de la <link linkend="sect6">Section 6</link>. Les règles de la <link linkend="sect6">Section 6</link> s'appliquent alors tout exécutable contenant ce travail, que ce dernier soit ou ne soit pas lié directement avec la Bibliothèque elle-même.</para>

</sect2>

<sect2 id="sect6" label="6">
  <title>Section 6</title>

  <para>Par exception aux Sections ci-dessus, vous pouvez aussi combiner ou lier un <quote>travail utilisant la Bibliothèque</quote> avec la Bibliothèque pour produire un travail contenant des portions de la Bibliothèque et distribuer ce travail suivant les termes de votre choix, pourvu que ces termes permettent la modification du travail pour les besoins propres du client et l'ingénierie inverse permettant le débogage de telles modifications.</para>

  <para>Vous devez donner une notice explicite et vidente avec chaque copie du travail montrant que la Bibliothèque est utilisée dans celui-ci et que la Bibliothèque est couverte par cette Licence. Vous devez fournir une copie de cette Licence. Si le travail lors de son exécution affiche des notices de droits et propriétés intellectuelles, vous devez inclure la notice pour la Bibliothèque parmi celles-ci, ainsi qu'une référence adresse l'utilisateur vers une copie
de cette Licence. Vous devez aussi effectuer l'une des tâches suivantes: <orderedlist numeration="loweralpha">

- **Accompagner le travail avec le code source complet correspondant lisible par une machine pour la Bibliothèque incluant tout changement quelconque qui ont été effectués dans le travail (qui doit être distribué suivant les Sections [sect1] et [sect2]) et, si le travail est un exécutable lié avec la Bibliothèque, fournir la totalité du travail utilisant la Bibliothèque lisible par une machine, sous forme de code objet ou source, de sorte que l'utilisateur puisse modifier la Bibliothèque et la relier pour produire un exécutable modifié contenant la Bibliothèque modifiée. (Il est admis que l'utilisateur qui change le contenu de fichiers de définition dans la Bibliothèque ne sera pas nécessairement capable de recompiler l'application pour utiliser les définitions modifiées.)</para>

- **Utiliser un mécanisme approprié de bibliothèque partage pour lier avec la Bibliothèque. Un mécanisme approprié est celui qui (1) utilise l'exécution une copie de la Bibliothèque déjà présente sur le système de l'utilisateur, plutôt que de copier les fonctions de bibliothèque dans l'exécutable et (2) fonctionnera correctement avec une version modifiée de la Bibliothèque, si l'utilisateur en installe une, tant que la version modifiée est compatible au niveau de l'interface avec la version avec laquelle le travail a été réalisé.</para>

- **Accompagner le travail avec une offre écrite, valide pour au moins trois ans, de donner au même utilisateur les éléments spécifiques dans la Sous-section 6a, contre un paiement ne dépassant pas le coût requis pour effectuer cette distribution.</para>

- **Si la distribution du travail est faite en offrant l'accès une copie depuis un emplacement désigné, offrir un accès équivalent depuis le même emplacement pour copier les éléments spécifiques ci-dessus.</para>

- **Vérifier que l'utilisateur a déjà reçu une copie de ces éléments ou que vous en avez déjà envoyé une copie à cet utilisateur.</para>

</orderedlist>

Pour un exécutable, la forme requise du travail utilisant la Bibliothèque doit inclure toutes les données et programmes utilitaires nécessaires permettant de reproduire l'exécutable partiel de ceux-ci. Cependant, par exception, les matériels distribuer n'ont pas besoin d'inclure tout ce qui est normalement distribué (sous forme source ou binaire) avec les composants majeurs (compilateur, noyau et autres composants similaires) du système d'exploitation sur lequel l'exécutable fonctionne, moins que ce composant lui-même accompagne l'exécutable.</para>

Il peut arriver que ces conditions nécessaires contredisent les restrictions de licence d'autres bibliothèques propriétaires qui n'accompagnent pas normalement le système d'exploitation. Une telle contradiction signifie que vous ne pouvez pas les utiliser en même temps que la Bibliothèque dans un exécutable que vous distribuez.</para>

Section 7
Vous pouvez placer les facilités de bibliothèque qui sont un travail bas sur la Bibliothèque c'est dans une unique bibliothèque avec d'autres facilités de bibliothèque non couvertes par cette Licence et distribuer une telle bibliothèque combine, pourvu que la distribution spare du travail bas sur la Bibliothèque et des autres facilités de bibliothèque soient autrement permises et pourvu que vous effectuiez chacune des deux tâches suivantes:

- Accompagner la bibliothèque combine avec une copie du même travail bas sur la Bibliothèque, non combine avec d'autres facilités de bibliothèque. Cela doit être distribué suivant les termes des Sections ci-dessus.
- Donner une notice vidente avec la bibliothèque combine du fait qu'une partie de celle-ci est un travail bas sur la Bibliothèque et expliquant où trouver la forme non combine accompagnante du même travail.

Vous ne pouvez pas copier, modifier, accorder des sous-licences, lier ou distribuer la Bibliothèque autrement que d'une façon décrite expressément par cette Licence. Autrement, toute tentative de copier, modifier, accorder des sous-licences, lier ou distribuer la Bibliothèque est invalide et mettra fin automatiquement vos droits accordés sous cette Licence. Toutefois, toute autre tierce partie qui a reçu des copies ou des droits, par vous suivant les termes de cette Licence n'aura pas sa licence termine, aussi longtemps que cette partie tierce continue de s'y conformer pleinement.

Vous n'êtes pas obligé d'accepter cette Licence, puisque vous ne l'avez pas signé. Cependant, rien d'autre ne vous accorde l'autorisation de modifier ou distribuer la Bibliothèque ou ses travaux drifs. Ces actions sont également prohibées si vous n'acceptez pas cette Licence. Par conséquent, en modifiant ou distribuant la Bibliothèque (ou tout travail bas sur la Bibliothèque), vous indiquez votre acceptation de cette Licence pour le faire, ainsi que tous ses termes et conditions pour la copie, la distribution ou la modification de la Bibliothèque ou des travaux bas sur elle.

Chaque fois que vous redistribuez la Bibliothèque (ou tout travail bas sur la Bibliothèque), le destinataire reçoit automatiquement une licence par l'emeteur d'origine de la licence, permettant de copier, distribuer, lier ou modifier la Bibliothèque en accord avec les présents termes et conditions. Vous ne pouvez pas imposer davantage de restrictions sur l'exercice par le concessionnaire de cette licence des droits accordés dans la présente licence. Vous êtes dégagé de la responsabilité de contrôler la conformité d'usage de cette Licence par des parties tierces.
Si, par suite d'une décision judiciaire ou d'une allégation d'infraction d'un brevet ou pour toute autre raison (non limite aux problèmes de brevets), des conditions vous sont imposées (que ce soit par une ordonnance de justice, une transaction amiable ou contractuelle ou toute autre raison) qui contredisent les conditions de cette Licence, elles ne vous dégagent pas des obligations de cette Licence. Si vous ne pouvez pas effectuer une distribution de façon satisfaire simultanément vos obligations sous cette Licence et toute autre obligation pertinente, alors vous ne pouvez en aucun cas distribuer la Bibliothèque. Par exemple, si une licence de brevet ne permettait pas une redistribution de la Bibliothèque sans paiement de royalties par tous ceux qui en reçoivent des copies directement ou indirectement travers vous, alors la seule façon pour vous de satisfaire la fois les conditions imposées et cette Licence sera de vous abstenir complètement de toute distribution de la Bibliothèque.

Si toute portion de cette section est jugée invalide ou inapplicable de plein droit dans une quelconque circonstance particulière, le maximum possible de cette section est supposé s'appliquer et la section dans son tout est supposé toujours applicable dans toutes les autres circonstances.

Le but de cette section n'est pas de vous obliger d'enfreindre un quelconque brevet ou d'autres prétentions des droits de propriété ou de contester la validité de telles prétentions; cette section a pour seul but de protéger l'intgrité du système de distribution des logiciels libres tel qu'il fonctionne au moyen de pratiques de licences publiques. De nombreuses personnes ont fait des contributions généreuses à la gamme très tendue de logiciels distribués via ce système, en comptant sur l'application rigoureuse et cohérente de ce système; il appartient seulement à l'auteur ou au donateur de décider si il ou elle désire distribuer un logiciel via un autre système et le concessionnaire de licence ne peut pas imposer ce choix.

Cette section a pour but d'établir de façon très claire ce que l'on croit être une conséquence nécessaire du reste de cette Licence.

Si la distribution ou l'usage de la Bibliothèque est restreinte dans certains pays, que ce soit par des brevets ou des interfaces soumises au droit de propriété intellectuelle, le titulaire original de ce droit de propriété qui place la Bibliothèque sous la couverture de cette Licence peut ajouter une limitation géographique explicite de distribution excluant ces pays, afin que la distribution soit permise seulement dans ou parmi les pays non exclus. Dans un tel cas, cette Licence incorpore la limitation comme si elle tait rputée crite dans le corps de cette Licence.

La Free Software Foundation peut publier des versions révisées ou nouvelles de la Licence Générale publique Limite de temps en temps. De telles nouvelles versions resteront similaires à l'esprit de la présente version, mais peut différer dans son détail afin de traiter de nouveaux problèmes ou préoccupations.

Chaque version reçoit un numéro de version distinctif. Si la Bibliothèque spécifie un numéro de version de cette
Licence qui s'applique celle-ci et <quote>toute autre version future</quote>, vous avez l'option de suivre les termes et conditions de cette version ou de toute version ultérieure publiées par la Free Software Foundation. Si la Bibliothèque ne spécifie pas un numéro de version de licence, vous pouvez choisir n'importe quelle version publiée par la Free Software Foundation.

Section 14

Si vous souhaitez incorporer des parties de la Bibliothèque dans tout autre programme libre dont les conditions de distribution sont incompatibles avec ces termes, crivez l'auteur ou demandez son autorisation. Pour les logiciels dont les droits de propriété sont tenus par la Free Software Foundation, crivez la Free Software Foundation; nous faisons parfois des exceptions pour celui-ci. Notre décision sera guide par les deux finalités de préserver le statut libre de tous les dlibs de nos logiciels libres et de promouvoir le partage et la rutilisation des logiciels en général.

Section 15

ABSENCE DE GARANTIE

PUISQUE CETTE BIBLIOTHÈQUE FAIT L'OBJET D'UNE LICENCE QUI VOUS EST ACCORDE SANS FRAIS, IL N'Y A AUCUNE GARANTIE POUR LA BIBLIOTHÈQUE, DANS LES LIMITES AUTORISES PAR LA LOI APPLICABLE. MOINS QUE CELA NE SOIT TABLI DIFFREMMENT PAR CRIT, LES TITULAIRES DE DROITS DE PROPRIT OU LES AUTRES PARTIES FOURNISSENT LA BIBLIOTHÈQUE <quote>TELLEQUEL</quote> SANS GARANTIE D'AUCUNE SORTE, QUELLE SOIT EXPRIME OU IMPLICITE, CECI INCLUANT, MAIS SANS LIMITATION, LES GARANTIES IMPLICITES DE MARCHANDABILIT ET D'ADQUATION UN OBJECTIF PARTICULIER. VOUS ASSUMEZ SEUL LE RISQUE TOUT ENTIER CONCERNANT LA QUALIT ET LA PERFORMANCE DE LA BIBLIOTHEQUE. DANS L'EVENTUALIT LA BIBLIOTHEQUE S'AVRERAIT DFECTUEUSE, VOUS ASSUMEREZ VOUS-MME LE COT DE TOUS LES SERVICES, RPARATIONS OU CORRECTIONS NCESSAIRES.

Section 16

EN AUCUNE AUTRE CIRCONSTANCE QUE CELLES REQUISES PAR LA LOI APPLICABLE OU ACCORDES PAR CRIT, UN TITULAIRE DE DROIT DE PROPRIT, OU TOUT AUTRE PARTIC QUI PEUT MODIFIER OU REDISTRIBUER LA BIBLIOTHÈQUE COMME PERMIS CI-DESSUS, NE PORRA TRE TENU POUR RESPONSABLE ENVERS VOUS POUR LES DOMMAGES, INCLUANT TOUS DOMMAGE GNRAL, SPICAL, ACCIDENTEL OU INDUIT SURVENANT PAR SUITE DE L'UTILISATION OU DE L'INCAPACIT D'UTILISER LA BIBLIOTHÈQUE (CECI INCLUANT MAIS SANS LIMITATION LA PERTE DE DONNES OU L'INEXACTITUDE DES DONNES RETOURNES OU LES PERTES SUBIES PAR VOUS OU DES PARTIES TIERCES OU L'INCAPACIT DE LA BIBLIOTHÈQUE FONCTIONNER AVEC TOUT AUTRE LOGICIEL), MME SI UN TEL TITULAIRE OU TOUTE AUTRE PARTIC A T AVIS DE LA POSSIBILIT DE TELS DOMMAGES.
Se permite a todo el mundo copiar y distribuir copias literales de este documento de licencia, pero no se permite modificarlo.
<sect1 id="preamble" label="none">
<title>Prembulo</title>

<p>Las licencias que cubren la mayor parte del software están diseñadas para quitarle a usted la libertad de compartirlo y modificarlo, las Licencias Públicas Generales de GNU pretenden garantizarle la libertad de compartir y modificar el software libre, para asegurar que el software es libre para todos sus usuarios.</p>

<p>Cuando hablamos de software libre, estamos refiriéndonos a libertad, no a precio. Nuestras Licencias Públicas Generales están diseñadas para asegurarnos de que tenga la libertad de distribuir copias de software libre (y cobrar por ese servicio si quiere), de que reciba el código fuente o que pueda conseguirllo si lo quiere, de que pueda modificar el software o usar fragmentos de él en programas nuevos libres, y de que sepa que puede hacer todas estas cosas.</p>

<p>Esta licencia, la Licencia Pública General Menor (Lesser General Public Licence), se aplica a algunos paquetes de software diseñados específicamente tipicamente bibliotecas de la Free Software Foundation y de otros autores que deciden usarla. Usted puede usarla también, pero le sugerimos que piense primero cuidadosamente si esta
licencia o la General Public Licence ordinaria, es o no la estrategia mejor a usar en un caso particular, basándose en las explicaciones siguientes.</para>

<para>Cuando hablamos de software libre, nos referimos a libertad de uso, no a precio. Nuestras Licencias Públicas Generales están diseñadas para asegurar que usted tiene la libertad de distribuir copias de software libre (y cobrar por este servicio si quiere); que recibe el código fuente o que puede obtenerlo si lo quiere; que puede modificar el software y usar partes de él en nuevos programas libres; y de que ha sido informado de que puede hacer estas cosas.</para>

<para>Para proteger sus derechos necesitamos algunas restricciones que prohíban a cualquier otra negarle a usted estos derechos o pedirle que renuncie a ellos. Estas restricciones se traducen en ciertas obligaciones que le afectan si distribuye copias de la biblioteca, o si la modifica.</para>

<para>Por ejemplo, si distribuye copias de la biblioteca, sea gratuitamente, o a cambio de una contraprestación, debe dar a los receptores todos los derechos que tiene. Debe asegurarse de que ellos también reciben, o pueden conseguir, el código fuente. Si enlaza otro código con la biblioteca, debe proporcionar archivos objeto completos a los receptores, para que ellos puedan reenlazarlos con la biblioteca después de hacer cambios a la biblioteca y recompilarla. Y debe mostrarles estas condiciones de forma que conozcan sus derechos.</para>

<para>Protegemos sus derechos con la combinación de dos medidas: (1) Derechos de copia de la Biblioteca (copyright), y (2) le ofrecemos esta licencia, que le da permiso legal para copiar, distribuir y/o modificar la biblioteca.</para>

<para>Para proteger a cada uno de los distribuidores, queremos dejar muy claro que no existe garantía para la biblioteca libre. Además, si la biblioteca es modificada por alguien y se transmite, los receptores deberán saber que lo que ellos tienen no es la versión original, de forma que la reputación del autor original no se vea afectada por problemas que podrán ser introducidos por otros.</para>

<para>Finalmente, cualquier programa libre está constantemente amenazado por patentes sobre el software. Queremos evitar el peligro de que una compañía no pueda restringir efectivamente a los usuarios de un programa libre obteniendo una licencia restrictiva de un propietario de una patente. Para evitar esto, insistimos en que cualquier licencia de patente obtenida por una versión de la biblioteca deba ser consistente con la completa libertad de uso especificada en esta licencia.</para>

<para>La mayoría del software de GNU, incluyendo algunas bibliotecas, están cubiertos por la Licencia Licencia Pública General ordinaria. Esta licencia, la GNU Licencia Pública General Menor, se aplica a ciertas bibliotecas designadas, y es un poco diferente de la Licencia Pública General. Usamos esta licencia para ciertas bibliotecas con el fin de permitir enlazar esas bibliotecas en programas no libres.</para>

<para>Cuando un programa está enlazado con una biblioteca, ya sea estéticamente o usando una biblioteca compartida, la combinación de los dos es hablando legalmente un trabajo combinado, una derivación de la biblioteca original. La Licencia Pública General entonces permite dicho enlazado sólo si la combinación entera cumple con este criterio de libertad. La Licencia Pública General Menor permite un criterio más relajado para enlazar otro código con la biblioteca.</para>

<para>Llamamos a esta licencia Licencia Pública General Menor porque hace Menos para proteger la libertad del usuario que la Licencia Licencia Pública General ordinaria. También proporciona otros desarrolladores de software libre Menos de las ventajas respecto a competir con programas que no sean software
libre. Estas desventajas son la razón por la que usamos la licencia Licencia Pública General para muchas bibliotecas. Sin embargo, la licencia Menor proporciona ventajas en ciertas circunstancias especiales.

Por ejemplo, en raras ocasiones puede haber una necesidad especial de fomentar lo más ampliamente posible el uso de una determinada biblioteca, de forma que esta se convierta en un estándar. Para conseguir esto, se debe permitir a los programas no libres el uso de estas bibliotecas. Un caso más frecuente es aquel en que una biblioteca libre hace el mismo trabajo que el que realizan las bibliotecas no libres más ampliamente usadas. En este caso, hay poco que ganar limitando la biblioteca nicamente al software libre, de manera que usamos la Licencia Pública General Menor.

En otros casos, el permiso para usar una biblioteca determinada en programas no libres posibilita a un mayor número de gente a usar una gran cantidad de software libre. Por ejemplo, el permiso para utilizar la biblioteca GNU C en programas no libres posibilita a mucha más gente a usar al completo el sistema operativo GNU, así como su variante, el sistema operativo GNU/LINUX.

Aunque la Licencia Pública General Menor es menos protectora para las libertades del usuario, asegura que el usuario de un programa que est enlazado con la biblioteca tiene la libertad y los medios para ejecutar ese programa usando una versión modificada de la biblioteca.

Los términos y las condiciones exactas para la copia, distribución y modificación se indican a continuación. Preste especial atención a la diferencia entre un "trabajo basado en la biblioteca" y un "trabajo que utiliza la biblioteca". El primero contiene código derivado de la biblioteca, mientras que el último debe estar unido con la biblioteca para ser ejecutado.
mdulos que contenga la biblioteca, ms cualquier fichero de definicin de interfaz asociado, y los scripts asociados para controlar la compilacin y la instalacin de la biblioteca.</para>

Otras actividades que no sean la copia, distribucin y modificacin no se encuentran cubiertas por esta Licencia; se encuentran fuera de su objetivo. La opcin de ejecutar un programa utilizando la Biblioteca no esta restringido, y el resultado de dicho programa esta cubierto nicamente si su contenido constituye un trabajo basado en la Biblioteca (independientemente del uso de la Biblioteca como herramienta para escribirlo). Que esto sea cierto va a depender de lo que haga la Biblioteca y de lo que haga el programa que utiliza la Biblioteca.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Seccin 1</title>

Puede copiar y distribuir copias literales del cdigo fuente completo de la Biblioteca tal y como la recibe, en cualquier medio, a condicin de que usted publique de forma manifiesta y apropiada, en cada una de las copias, un aviso conveniente de derechos de autor y una renuncia de garanta; mantenga intactas todas las notificaciones que se refieran a esta Licencia y a la ausencia de cualquier garanta; y distribuya una copia de esta Licencia junto con la Biblioteca.</para>

Puede cobrar un importe por el acto fsico de traspasar una copia y puede, a opcin suya, ofrecer una proteccin de garanta a cambio de un importe.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Seccin 2</title>

Puede modificar su copia o copias de la Biblioteca o de cualquier parte de ella, formando as un trabajo basado en la Biblioteca, y copiar y distribuir tales modificaciones o trabajo bajo los trminos de la <link linkend="sect1">Seccin 1</link> de arriba, siempre que usted tambin cumpla con todas estas condiciones:

<orderedlist numeration="loweralpha">
   <listitem>
      <para>El trabajo modificado debe ser por s mismo una biblioteca.</para>
   </listitem>
   <listitem>
      <para>Debe hacer que los ficheros modificados lleven avisos llamativos, declarando que usted cambi los ficheros y la fecha de cualquier cambio.</para>
   </listitem>
   <listitem>
      <para>Debe hacer que a todo el trabajo le sea concedida una licencia, sin cargo a terceras partes, bajo los trminos de esta Licencia.</para>
   </listitem>
   <listitem>
      <para>Si una facilidad en la Biblioteca modificada se refiere a una funcin o a una tabla de datos, que debe ser suministrada por un programa de aplicacin que usa la facilidad de otra manera que como un argumento pasado cuando la facilidad es invocada, entonces debe hacer un esfuerzo de buena fe para asegurar que, en caso de que una aplicacin no suministre tal funcin o tabla, la facilidad aun funcione y haga que cualquier parte de su finalidad siga siendo significativa.</para>
   </listitem>
</orderedlist>

Por ejemplo, una funcin en una biblioteca para computar races cuadradas tiene un propsito que est bien
definido completamente, independientemente de la aplicación. Por tanto, la Subsección 2d exige que cualquier función
o tabla suministrada por la aplicación y usada por esa función debe ser opcional: si la aplicación no la suministra, la
función raíz cuadrada debe seguir computando raíces cuadradas).</para>

<para>Estos requisitos se aplican al trabajo modificado como un todo. Si hay secciones identificables de ese
trabajo que no derivan de la Biblioteca, y se pueden considerar razonablemente independientes y trabajos separados,
por ellas mismas, entonces esta Licencia y sus términos, no se aplican a aquellas secciones cuando usted los
distribuya como trabajos separados. Pero cuando usted distribuya las mismas secciones como parte de un todo, que
sea un trabajo basado en la Biblioteca, la distribución del todo debe estar bajo los términos de esta Licencia cuyos
permisos para otros licenciatarios se extienden a todo el conjunto, y as para todas y cada una de las partes, sin tener
en cuenta a quien las escribi.</para>

<para>Así pues, la intención de esta sección no es exigir derechos o discutir los derechos de un trabajo escrito
completamente por usted; más bien, la intención es ejercer el derecho a controlar la distribución de trabajos derivados o
colectivos basados en la Biblioteca.</para>

<para>Además, la mera agregación de otro trabajo no basado en la Biblioteca con la Biblioteca (o con un trabajo
basado en la Biblioteca) en un volumen de almacenaje o en un medio de distribución, no pone al otro trabajo bajo los
objetivos de esta Licencia.</para>

<para>Usted puede optar por aplicar a una determinada copia de la Biblioteca, los términos de la Licencia Pública
General GNU ordinaria en vez de los de esta Licencia. Para hacer esto, debe alterar todas las notificaciones que se
refieren a esta Licencia, para que se refieran a la Licencia Pública General GNU ordinaria, versión 2, en vez de a esta
Licencia. (Si ha aparecido una versión más reciente que la versión 2 de la Licencia Pública General GNU ordinaria,
tenentes, si quiere, puede especificar esa nueva versión). No haga ningún otro cambio en estas notificaciones.</para>

<para>Una vez que se haya hecho este cambio en una copia dada, es irreversible para esa copia, de modo que la
Licencia Pública General GNU ordinaria se aplica a todas las copias siguientes y a trabajos derivados realizados a
partir de esa copia.</para>

<para>Esta opción es útil cuando usted quiere copiar parte del código de la Biblioteca dentro de un programa que no
es una biblioteca.</para>

<para>Puede copiar y distribuir la Biblioteca (o una porción o derivado de ella, bajo la Sección 2) en código objeto o
forma ejecutable bajo los términos de las Secciones 1 y 2 arriba indicadas, siempre que la acompañe con el
correspondiente código fuente legible (a máquina) completo, que debe ser distribuido bajo los términos de las Secciones
1 y 2 de arriba, en un medio usado habitualmente para el intercambio de software.</para>
Si la distribución del código objeto se hace ofreciendo el acceso a su copia desde un lugar designado, entonces ofreciendo un acceso equivalente a la copia del código fuente desde el mismo sitio se satisfacen los requisitos para la distribución del código fuente, aunque las terceras partes no estén obligadas a copiar el código fuente junto con el código objeto.

Un programa que no contiene derivado de ninguna porción de la Biblioteca, pero est diseñado para trabajar con la Biblioteca al ser compilado o enlazado con ella, se denomina un trabajo que usa la Biblioteca. Dicho trabajo, por separado, no es un trabajo derivado de la Biblioteca, y por tanto cae fuera del ámbito de esta Licencia.

Sin embargo, enlazar un trabajo que usa la Biblioteca con la Biblioteca, crea un ejecutable que es un derivado de la Biblioteca (porque contiene porciones de la Biblioteca). El ejecutable est por tanto cubierto por esta Licencia. La sección expone los términos para la distribución de tales ejecutables.

Cuando un trabajo que usa la Biblioteca utiliza material de un fichero cabecera que forma parte de la Biblioteca, el código objeto del trabajo puede ser un trabajo derivado de la Biblioteca aunque el código fuente no lo sea. Que esto sea cierto es especialmente significativo si el trabajo puede ser enlazado sin la Biblioteca, o si el trabajo es por sí mismo una biblioteca. El límite para que esto sea cierto no est definido con precisión por la ley.

Si dicho fichero objeto utiliza solo parámetros numéricos, esquema de estructura de datos, y pequeñas macros y pequeñas funciones en línea (diez líneas o menos de longitud), entonces el uso del fichero objeto no est restringido, sin tener en cuenta si esto es legalmente un trabajo derivado. (Ejecutables que contengan este código objeto y porciones de la Biblioteca estan aun bajo la sección). En caso contrario, si el trabajo es un derivado de la Biblioteca, usted puede distribuir el código objeto del trabajo bajo los términos de la sección. Cualquier ejecutable que contenga ese trabajo tambien cae bajo la sección, est o no enlazado con la Biblioteca.

Como excepción a las secciones anteriores, puede tambin combinar o enlazar un trabajo que usa la Biblioteca con la Biblioteca para producir un trabajo que contenga porciones de la Biblioteca, y distribuir ese trabajo bajo los términos de su elección, siempre que los términos permitan la modificación del trabajo por el uso propio del cliente y la ingeniería inversa para la depuración de tales modificaciones.

Debe incluir con cada copia del trabajo una notificación de que la Biblioteca se utiliza en la, y de que la Biblioteca y su uso estn cubiertos por esta Licencia. Debe suministrar una copia de esta Licencia. Si el trabajo, durante su ejecución, muestra notas de derechos de autor, usted debe incluir entre ellas las notas de derechos de autor...
de la Biblioteca, así como una referencia que dirija al usuario a la copia de esta Licencia. Además, usted debe hacer una de estas cosas: <orderedlist numeration="loweralpha">
   <listitem>
      <para id="sect6a">Acompañar el trabajo con el correspondiente código fuente legible (a máquina) completo de la Biblioteca, incluyendo cualquier cambio que fuera utilizado en el trabajo (el cual debe ser distribuido bajo las Secciones <link linkend="sect1">1</link> y <link linkend="sect2">2</link> de arriba); y, si el trabajo es un ejecutable enlazado con la Biblioteca, con el completo, legible (a máquina) <quote>trabajo que usa la Biblioteca</quote>, como código objeto y/o código fuente, de forma que el usuario pueda modificar la Biblioteca y reenlazar entonces para producir un ejecutable modificado que contenga la Biblioteca modificada. (Se entiende que el usuario que cambia los contenidos de los archivos de definiciones en la Biblioteca no necesariamente ser capaz de recompilar la aplicación para usar las definiciones modificadas).</para>
   </listitem>
   <listitem>
      <para>Usar un mecanismo de biblioteca compartida adecuado para enlazar con la Biblioteca. Un mecanismo adecuado es uno que (1) utiliza en tiempo de ejecución una copia de la biblioteca que esté ya presente en el ordenador del usuario, en vez de copiar funciones de biblioteca dentro del ejecutable, y (2) funcionar correctamente con una versión modificada de la biblioteca, si el usuario instala una, mientras que la versión modificada sea de interfaz compatible con la versión con la que se hizo el trabajo.</para>
   </listitem>
   <listitem>
      <para>Acompañar el trabajo con una oferta escrita, válida por tres años al menos, para proporcionar a dicho usuario los materiales especificados en la <link linkend="sect6a">Subsección 6a</link> de arriba, por un precio no superior al coste de realizar esta distribución.</para>
   </listitem>
   <listitem>
      <para>Si la distribución del trabajo se hace ofreciendo el acceso a la copia desde un lugar determinado, ofrecer un acceso equivalente para la copia de los materiales especificados anteriormente desde el mismo lugar.</para>
   </listitem>
   <listitem>
      <para>Verificar que el usuario ha recibido ya una copia de estos materiales o que usted ya le ha enviado una copia a este usuario.</para>
   </listitem>
</orderedlist>

Para un ejecutable, la forma requerida del <quote>trabajo que usa la Biblioteca</quote> debe incluir todos los programas de datos y utilidades necesitados para reproducir el ejecutable desde 1. Sin embargo, como una excepción especial, los materiales a distribuir no necesitan incluir nada de lo que es distribuido normalmente (ya sea en forma binaria o fuente) con los componentes principales (compilador, núcleo, y demás) del sistema operativo en el cual funciona el ejecutable, a menos que el componente por sí mismo acompañe al ejecutable.

Puede suceder que este requisito contradiga las restricciones de la licencia de otras bibliotecas propietarias que no acompañan normalmente al sistema operativo. Dicha contradicción significa que no puede usar estas y la Biblioteca juntas en un ejecutable que usted distribuya.
Puede colocar facilidades de biblioteca, que son un trabajo basado en la Biblioteca, juntas en una sola biblioteca junto con otras facilidades de biblioteca no cubiertas por esta Licencia, y distribuir dicha biblioteca combinada, con tal que la distribución separada del trabajo basado en la Biblioteca y de las otras facilidades de biblioteca esté, por lo demás, permitida, y con tal que usted haga estas dos cosas:

- Acompañar la biblioteca combinada con una copia del mismo trabajo basado en la Biblioteca, no combinado con cualquier otra facilidad de biblioteca. Esto debe ser distribuido bajo los términos de las Secciones superiores.
- Incluir una notificación destacada con la biblioteca combinada del hecho de que parte de ella es un trabajo basado en la Biblioteca, y explicando donde encontrar las formas sin combinar acompañantes del mismo trabajo.

Usted no puede copiar, modificar, sublicenciar o distribuir la Biblioteca salvo por lo permitido expresamente por esta Licencia. Cualquier otro intento de copia, modificación, sublicenciamiento o distribución de la Biblioteca es nulo, y dar por terminados automáticamente sus derechos bajo esa Licencia. Sin embargo, los terceros que hayan recibido copias, o derechos, de usted bajo esta Licencia no verán terminadas sus licencias, siempre que permanezcan en total conformidad con ella.

No se le exige que acepte esta Licencia, puesto que no la ha firmado. Sin embargo, ninguna otra cosa le concede a usted el permiso para modificar o distribuir la Biblioteca o sus trabajos derivados. Estas acciones están prohibidas por ley si usted no acepta esta Licencia. Por tanto, al modificar o distribuir la Biblioteca (o cualquier trabajo basado en la Biblioteca), usted indica su aceptación de esta Licencia para hacerlo, y todos sus términos y condiciones para copiar, distribuir o modificar la Biblioteca o los trabajos basados en ella.

Cada vez que usted distribuye la Biblioteca (o cualquier trabajo basado en la Biblioteca), el receptor recibe automáticamente una licencia del titular original de la Licencia para copiar, distribuir, enlazar con o modificar la Biblioteca sujeto a estos términos y condiciones. Usted no debe imponer ninguna restricción posterior sobre el ejercicio de los derechos otorgados aquí mencionados. Usted no es responsable de imponer conformidad con esta Licencia por terceras partes.
Sección 11

Esta sección es una consecuencia de la licencia. Si, como consecuencia de un juicio o infracción de patente o por cualquier otra razón (no limitada a asuntos de patente) a usted se le imponen condiciones (sea orden judicial, acuerdo o otras) que contradigan las condiciones de esta licencia, eso no le dispensa de las condiciones de esta licencia. Si usted no puede distribuirla de tal forma que satisfaga simultáneamente sus obligaciones con respecto a esta licencia y cualquier otras obligaciones pertinentes, entonces como consecuencia, no debe en absoluto distribuir la Biblioteca. Por ejemplo, si una licencia de patente no permitiera la redistribución libre de derechos de autor de la Biblioteca a todo aquéllos que reciben copias directamente o indirectamente a través de usted, entonces la nica forma en la que podrás satisfacer tanto esto como esta licencia será abstenerse completamente de la distribución de la Biblioteca.

Si cualquier parte de esta sección se considera inválida o inaplicable bajo cualquier circunstancia particular, se intentará aplicar el balance de la sección, y en otras circunstancias se intentará aplicar la sección como un todo.

No es el propósito de esta sección el inducirle a usted a infringir cualquier demanda de derechos de patente u otros derechos de propiedad o el impugnar la validez de tales demandas; esta sección tiene el unico propósito de proteger la integridad del sistema de distribución de software libre, lo cual se lleva a cabo mediante prácticas de licencia pública. Mucha gente ha hecho generosas contribuciones al amplio rango de software distribuido a través de este sistema, confiando en la firme aplicación de este sistema; es decisión de autor/donante decidir si el o ella quiere distribuir software a través de cualquier otro sistema y una licencia no puede imponer esa elección.

Esta sección tiene el propósito de esclarecer a fondo lo que se cree ser una consecuencia del resto de esta licencia.

Sección 12

Si la distribución y/u uso de la Biblioteca está restringida en ciertos países mediante patentes o interfaces con derechos de autor, el propietario de los derechos de autor originales, el cual puso la Biblioteca bajo esta Licencia, puede añadir una limitación a la distribución geográfica explícita excluyendo estos países, de forma que esta distribución se permita solamente en o entre países no excluidos. En tal caso, esta Licencia incorpora la limitación como si estuviera escrita en el cuerpo de esta Licencia.

Sección 13

La Free Software Foundation puede publicar versiones nuevas y revisadas de la Licencia Licencia Pública General Menor de vez en cuando. Dichas versiones nuevas serán similares en espíritu a la presente versión, pero pueden diferir en detalles para solucionar nuevos problemas o preocupaciones.

Cada versión tiene un número de versión que la distingue. Si la Biblioteca especifica que se aplica un número de versión en particular de esta Licencia y cualquier versión posterior, usted tiene la opción de seguir los términos y
condiciones de la versión especificada o cualquiera posterior que haya sido publicada por la Free Software Foundation. Si la Biblioteca no especifica un número de versión de esta Licencia, puede escoger cualquier versión que haya sido publicada por la Free Software Foundation.</para>

</sect2>

<sect2 id="sect14" label="14">
<title>Sección 14</title>

<para>Si quiere incorporar partes de la Biblioteca en otros programas libres cuyas condiciones de distribución son incompatibles con estos, escriba al autor para pedirle permiso. Para el software cuyos derechos de autor pertenecen a la Free Software Foundation, escriba a la Free Software Foundation; nosotros hacemos a veces excepciones a esto. Nuestra decisión se guiará generalmente por los dos objetivos de preservar el estatus libre de todo lo derivado de nuestro software libre y de promover la compartición y reutilización de software.</para>

</sect2>

<sect2 id="sect15" label="15">
<title>AUSENCIA DE GARANTÍA</title>

<subtitle>Sección 15</subtitle>

<para>DEBIDO A QUE LA BIBLIOTECA ESTÁ LICENCIADA LIBRE DE CARGO, NO HAY GARANTÍA para la BIBLIOTECA EN LA EXTENSIÓN PERMITIDA POR LA LEY APLICABLE. EXCEPTO CUANDO SE ESTABLEZCA DE OTRO MODO POR ESCRITO, LOS POSEEDORES DEL DERECHO DE AUTOR Y/O OTRAS PARTES SUMINISTRAN LA BIBLIOTECA TAL CUAL SIN GARANTÍA DE NINGUNA CLASE, YA SEA DE FORMA EXPRESA O IMPLÍCITA, INCLUYENDO, PERO NO LIMITADA A, LAS GARANTÍAS IMPLÍCITAS DE COMERCIABILIDAD Y ADECUACIÓN PARA UN PROPOSITO PARTICULAR. TODO EL RIESGO EN CUANTO A CALIDAD Y EJECUCIÓN DE LA BIBLIOTECA ES SUYO. SI LA BIBLIOTECA RESULTARA ESTAR DEFECTUOSA, USTED ASUME EL COSTE DE TODO EL MANTENIMIENTO, REPARACIÓN O CORRECCIÓN NECESARIA.</para>

</sect2>

<sect2 id="sect16" label="16">
<title>Sección 16</title>

<para>BAJO NINGÚN CONCEPTO, A MENOS QUE SEA REQUERIDO POR LA LEY APLICABLE O DE ACUERDO A UN ESCRITO, CUALQUIER POSEEDOR DE DERECHOS DE AUTOR O CUALQUIER OTRA PARTE QUE PUEDA MODIFICAR Y/O REDISTRIBUIR LA BIBLIOTECA COMO SE PERMITE ARRIBA, SER RESPONSABLE CON USTED POR DAOS, INCLUYENDO CUALQUIER DAO GENERAL, ESPECIAL, ACCIDENTAL O CONSECUENTE ORIGINADO POR EL USO O INCAPACIDAD DE USAR LA BIBLIOTECA(INCLUYENDO PERO NO LIMITANDO, A LAS PRDIDAS DE DATOS O A LA PRODUCCIÓN DE DATOS INCORRECTOS, O PRDIDAS SUFRIDAS POR USTED O TERCERAS PARTES O UN FALLO DE LA BIBLIOTECA PARA FUNCIONAR CON CUALQUIER OTRO SOFTWARE) INCLUSO SI TAL TITULAR U OTRA PARTE HA SIDO NOTIFICADA DE LA POSIBILIDAD DE TALES DAOS.</para>

</sect2>

</sect1>
</article>
El propósito de esta Licencia es permitir que un manual, libro de texto, u otro documento escrito sea "libre" en el sentido de libertad: asegurar a todo el mundo la libertad efectiva de copiarlo y redistribuirlo, con o sin modificaciones, de manera comercial o no. En segundo término, esta Licencia proporciona al autor y al editor una manera de obtener reconocimiento por su trabajo, sin que se le considere responsable de las modificaciones realizadas por otros.
El propósito de esta Licencia es permitir que un manual, libro de texto, u otro documento escrito sea "libre" en el sentido de libertad: asegurar a todo el mundo la libertad efectiva de copiarlo y redistribuirlo, con o sin modificaciones, de manera comercial o no. En segundo término, esta Licencia proporciona al autor y al editor una manera de obtener reconocimiento por su trabajo, sin que se le considere responsable de las modificaciones realizadas por otros.

Esta Licencia es de tipo "copyleft", lo que significa que los trabajos derivados del documento deben a su vez ser libres en el mismo sentido. Complementa la Licencia Pública General de GNU, que es una licencia tipo copyleft diseñada para el software libre.

Hemos diseñado esta Licencia para usarla en manuales de software libre, ya que el software libre necesita documentación libre: Un programa libre debe venir con los manuales que ofrezcan las mismas libertades que da el software. Pero esta licencia no se limita a manuales de software; puede ser usada para cualquier trabajo textual, sin tener en cuenta su temática o si se publica como libro impreso. Recomendamos esta licencia principalmente para trabajos cuyo fin sea instructivo o de referencia.

Para aplicar esta licencia, cualquier manual u otro trabajo debe contener un aviso colocado por el poseedor del copyright diciendo que puede distribuirse bajo los términos de esta Licencia. Una "Versión Modificada" del Documento significa cualquier trabajo que contenga el Documento o una porción del mismo, ya sea una copia literal o con modificaciones y/o traducciones a otro idioma.

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Las "Secciones Invariantes" son ciertas "Secciones Secundarias" cuyos títulos son designados como Secciones Invariantes en la nota que indica que el Documento se publica bajo esta Licencia.
Los <quote>Textos de Cubierta</quote> son ciertos pasajes cortos de texto que se listan como Textos de Cubierta Delantera o Textos de Cubierta Trasera en la nota que indica que el Documento se publica bajo esta Licencia.

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Como ejemplos de formatos adecuados para copias Transparentes están ASCII puro sin marcaje, formato de entrada de Texinfo, formato de entrada de LaTeX, SGML o XML usando una DTD disponible públicamente, y HTML, PostScript o PDF simples, que sigan los estándares y diseños para que los modifiquen personas. Los formatos Opacos incluyen formatos propietarios que pueden ser leídos y editadosnicamente en procesadores de textos propietarios, SGML o XML para los cuales las DTD y/o herramientas de procesamiento no están ampliamente disponibles, y HTML, PostScript o PDF generados por algunos procesadores de textos sólo como salida.

La <quote>Portada</quote> significa, en un libro impreso, la página de título, más las páginas siguientes que sean necesarias para mantener legible el material que esta Licencia requiere en la portada. Para trabajos en formatos que no tienen página de portada como tal, <quote>Portada</quote>significa el texto cercano a la aparición más prominente del título del trabajo, precediendo el comienzo del cuerpo del texto.

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con todas las palabras igualmente prominentes y visibles. Ademá, puede añadir otro material en las cubiertas. Las copias con cambios limitados a las cubiertas, siempre que conserven el título del <link linkend="fdl-document">Documento</link> y satisfagan estas condiciones, pueden considerarse como copias literales en todos los aspectos.

Si los textos requeridos para la cubierta son muy voluminosos para que ajusten legiblemente, debe colocar los primeros (tantos como sea razonable colocar) en la verdadera cubierta y situar el resto en páginas adyacentes.

Si Usted publica o distribuye copias <link linkend="fdl-transparent">Opacas</link> del <link linkend="fdl-document">Documento</link> cuya cantidad exceda las 100, debe incluir una copia <link linkend="fdl-transparent">Transparente</link>, que pueda ser leída por una máquina, con cada copia Opaca, o bien mostrar, en cada copia Opaca, una dirección de red donde cualquier usuario de la misma tenga acceso por medio de protocolos públicos y estandarizados a una copia Transparente del Documento completa, sin material adicional. Si usted hace uso de la última opción, debe tomar las medidas necesarias, cuando comience la distribución de las copias Opacas en cantidad, para asegurar que esta copia Transparente permanezca accesible en el sitio establecido por lo menos un año después de la última vez que distribuyó una copia Opaca de esa edición al público (directamente o a través de sus agentes o distribuidores).

Se solicita, aunque no es requisito, que se ponga en contacto con los autores del <link linkend="fdl-document">Documento</link> antes de redistribuir gran número de copias, para darles la oportunidad de que le proporcionen una versión actualizada del Documento.

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Giy Php ny nhm mc ch lm cho s tay, cun sch gio hay ti liu ghi ra khc l
Th hai, Giy Php ny bo tn cho tc gi v nh xut bn c cch hng cng trng v s c gng ca mnh, cn h khng c coi c chu trch nhim v s sa i ca ngi khc.</abstract>

Giy php ny l kiu <quote>tc quyn ngc</quote>, c ngha l mi sn phm bt ngun t ti liu ny cng phi l t do v cng ngha. N b tr Giy Php Cng cng GNU (GPL), mt giy php tc quyn ngc c thit k cho phn mm dng t do.</para>

Chng ti thit k Giy php ny dng n vi s tay hng dn cch s dng phn mm t do, v phn mm t do cn thit ti liu cng t do: chng trnh t do nn c sn s tay cung cp cng nhng quyn t do vi phn mm . Tuy nhin Giy php ny khng b hn ch trong cc s tay phn mm; n c th c dng vi bt c vn bn no, bt cph ch, bt cph n l cun sch c in ra hay khng. Chng ti ngh Giy php ny chnh cho ti liu nhm mc ch hng dn hay tham kho.</sect1>

Phin bn Sa i</para> ca Ti liu c ngha l bt c vn bn cha Ti liu hay on no ca n, hoc c sao cph ng nguy vn, hoc vi s sa i v hay c dch sang ngn ng khc.</sect1>

Tit on Ph</sect1>

Tit on Bt Bin</sect1>
xc nh l Tit on Bt Bin trong thng bo ni rng <link linkend="fdl-document">Ti liu</link> c pht hnh di Giy php ny.</para>

<para id="fdl-cover-texts"><quote>on Ba</quote> l vn bn ngc lit k l on Ba Trc hay on Ba Bau trong thng bo ni rng <link linkend="fdl-document">Ti liu</link> c pht hnh di Giy php ny.</para>

<para id="fdl-transparent">Bn sao <quote>Trong Sut</quote> ca <link linkend="fdl-document">Ti liu</link> ngha l bn sao cho my c, c i din theo mt nh dng c c t cng b cho mi ngi xem, c ni dung cho ngi dng xem v sa i mt cch trc t p v r rng bng trnh son tho vn bn ging loi hay (i vi nh c cu trc theo im nh) trnh sn ging loi hay (i vi be v) trnh hiu chnh bc v c cng b rng ri, m thch hp nhp vo trnh nh dng vn bn hay dch t ng sang nhu nh dng kch nhau thch hp nhp vo trnh nh dng vn bn. Bn sao c to theo mt nh dng tp tin Trong Sut bng cch kch tr n c m nh dng c thit k chn hay can ngn ngi c sa i th khng phi l Trong Sut. Bn sao khng phi l Trong Sut c gi l <quote>c</quote>.</para>

<para>Nhng nh dng thch hp vi bn sao Trong Sut gm c ASCII chun khng c m nh dng, nh dng nhp vo Texinfo, nh dng nhp vo LaTeX, SGML hay XML dng mt DTD c cng b, v HTML n gin ph hp vi tiu chun c thit k cho ngi sa i. Nhng nh dng c gm c PostScript, PDF, nh dng s hu c th c v sa i ch bng trnh x l t s hu, SGML hay XML cho DTD hay/v cng c x l khng c cng b, v HTML do my to ra c to bi mt s trnh x l t ch cho mc ch xut.</para>

<para id="fdl-title-page"><quote>Trang Tiu </quote> c ngha l, i vi cun sch c in ra, trang tiu chnh n, cng vi trang sau no cn thit hin th r rng nguy liu phi xut hin trn trang tiu , ty theo Giy php ny. i vi vn bn theo nh dng khng c trang tiu nh th, <quote>Trang Tiu </quote> ngha l vn bn gn v tr hin th r rng htt tiu ca vn bn, mm trc thn vn bn.</para>

</sect1>

<sect1 id="fdl-section2" label="2">
<title>SAO CHP NG NGUYN VN</title>

<para>Cho php bn sao chp v pht hnh <link linkend="fdl-document">Ti liu</link> trong bt c vt cha no, thng mi hay khng, min l Giy php ny, nhng thng bo tc quyn, v thng bo giy php nh ngng Giy php ny p dng cho Ti liu c to li trong mi bn sao, v bn khng thm im ki khc no vo nhng iu kn ca Giy php ny. Khng cho php bn s dng bng ch thit <link linkend="fdl-section3">phn 3</link>.</para>

<para>Cng cho php bn cho mn bn sao, vi cng iu ki ni trn, v cho php bn trn bng cng khai bn sao.</para>

</sect1>

<sect1 id="fdl-section3" label="3">
<title>SAO CHP HNG LOT</title>

<para>Nu bn xut bn s bn sao c in ra ca <link linkend="fdl-document">Ti liu</link> hn 100, v thng bo giy php ca Ti liu cn thit <link linkend="fdl-cover-texts">on Ba</link>, bn phi vy quanh mi bn sao trong ba hin th r rng tt c cc on Ba ny : on Ba Trc trn ba trc, cn on Ba Sau trn ba sau. C hai ba cng phi hin th r rng bn l nh xut bn nhng bn sao ny. Ba trc phi hin th tiu y c mi t rng u. Cho php bn thm nguy liu na trn ba. Vic sao chp ch thay i ba, min l ba bo trn tiu ca <link linkend="fdl-document">Ti liu</link> v tho nhng iu ki ny, c th c coi l vic sao chp nguy vn bng cch khc.</para>

<para>Nu nhng vn bn bt b c phi nm trn ba no l qu d i hin th r rng, bn nn hin th nhng on th htt c lit k (nhiu htt hin th c r) trn ba , v hin th vn bn cn li trn cc trang tip cn.</para>

<para>Nu bn xut bn hay phht hnh s bn sao <link linkend="fdl-transparent">c</link> ca <link linkend="fdl-
document” Ti liu <link id="fdl-modified" title="Phin bn"  sa i</link> ca <link id="fdl-section2" title="Ti liu”</link> <link id="fdl-section3" title="Phin bn”</link> <link id="fdl-document" title="Ti liu”</link> (tt c cc tc gi chnh, nu s t h n m).</para>

</listitem>

</para>

</listitem>

<para>Ghi r trn <link id="fdl-title-page" title="Trang Tiu”</link> tn ca nh xut bn <link id="fdl-modified" title="Phin bn”</link> Sa i</link>, lm nh xut bn.</para>

</listitem>

</para>

</listitem>

<para>Bo tt c cc thng bo tc quyn ca <link id="fdl-document" title="Ti Liu”</link>.</para>

</listitem>

</para>

</listitem>

<para>Thm mt thng bo tc quyn thch hp vi s sa i ca bn, tip cn vi cc thng bo tc quyn khc.</para>

</listitem>

</para>

</listitem>

<para>Chn vo, ng sau nhng thng bo tc quyn, mt thng bo giy php cho php mi ngi s dung <link id="fdl-modified" title="Phin bn”</link> Sa i</link> vi iu kin ca Giy php ny, dung mu c hin th trong Ph lc bn di.”</para>
<listitem>
<para>Bo tn trong thng bo giy php nhng danh sch y cc  
<titleend="fdl-invariant">Tit on Bt Bin</title> v cc  
<titleend="fdl-cover-texts">on Ba</title> cn thit a ra trong thng bo giy php ca  
<titleend="fdl-document">Ti liu</title>.</para>
</listitem>

<listitem>
<para>Gm c mt bn sao cha thay i ca Giy php ny.</para>
</listitem>

<listitem>
<para>Bo tn phn tn <quote>Lch s</quote>, cng vi tiu ca n, v thm vo n mt mc ph biu t nht tiu , nm xut bn, cc tc gi mi v nh xut bn ca  
<titleend="fdl-transparent">Trang Tiu</title> Trang Tiu</para>. Khng c phn tn <quote>Lch S</quote> trong  
<titleend="fdl-document">Ti liu</title> th bn to mt iu ph biu t nht tiu , nm xut bn, cc tc gi v nh xut bn ca  
<titleend="fdl-document">Ti liu</title> nh a  
<titleend="fdl-title-page">Trang Tiu</title> ca n, ri thm mt mc din t  
<titleend="fdl-transparent">Phin bn</title> Phin bn  
<titleend="fdl-transparent">Sa i</title> nh c pht biu trong cu trc.</para>
</listitem>

<listitem>
<para>Bo tn a im trn mng, nu c, a ra trong  
<titleend="fdl-transparent">Trong Sut</title> Trong Sut  
<titleend="fdl-document">Ti liu</title> cho mi ngi truy cp mt bn  
<titleend="fdl-transparent">Trong Sut</title> ca  
<titleend="fdl-document">Ti liu</title> , cng vy a im  
<titleend="fdl-transparent">Phin bn</title> Phin bn Sa i  
<titleend="fdl-transparent">Phin bn  
<titleend="fdl-transparent">Sa i</title> nh c pht biu trong cu trc.</para>
</listitem>

<listitem>
<para>i vi bt c phn no tn  
<titleend="fdl-transparent">Li Bo Nhν</title> Li Bo Nhν</para> hay <quote>Li  Tng</quote>, bo tn tiu ca phn, cng bo tn  
<titleend="fdl-transparent">Li Bo Nhν</title> trong n ton b nguy liu v ging iu u ca mi li bo nhν v/hay li  
<titleend="fdl-transparent">Li  Tng</title> ngi ng gp  
<titleend="fdl-transparent">Li Bo Nhν</title> cho.</para>
</listitem>

<listitem>
<para>Bo tn tt c cc  
<titleend="fdl-invariant">Tit on Bt Bin</title> ca  
<titleend="fdl-document">Ti liu</title>, c vn bn ln tiu u khng thay i. S hiu tit on hay tng ng khng c xem l phn ca tiu  
<titleend="fdl-transparent">Ti liu</title>.</para>
</listitem>

<listitem>
<para>Xo b tit on no c tiu  
<titleend="fdl-transparent">S Xc nhν</title> S Xc nhν</para>. Khng cho phn  
<titleend="fdl-modified">Phin bn</title> Phin bn Sa  
<titleend="fdl-transparent">Phin bn</title> cha tit on nh vy.</para>
</listitem>

<listitem>
<para>ng thay i tiu ca k c tit on tn ti thnh  
<titleend="fdl-transparent">S Xc nhν</title> S Xc nhν</para> hoc thnh g xung t vi tiu  
<titleend="fdl-invariant">Tit on Bt Bin</title> no.</para>
</listitem>
<itemizedlist>

<para>Nu <link linkend="fdl-modified">Phin bn Sa i</link> gm c tit on trc hay ph lc tho tiu chun ca <link linkend="fdl-secondary">Tit on Ph</link> v khng cha nguy liu c sao c hp t <link linkend="fdl-document">Ti liu</link>, cho php bn ty chn xc nh mt s hay tt c nhng tit on ny i bt bin. Lm nh th, hy thm cc tiu ca chng vo danh sch cc <link linkend="fdl-invariant">Tit on Bt Bin</link> trong thng bo giy php ca <link linkend="fdl-modified">Phin bn Sa i</link>. Nhng tiu ny phi ring bit vi bt k tiu tit on khe. </para>

<para>Cho php bn thm mt tit on c tiu <quote>S Xc nhn</quote>, min l n cha ch s xc nhn <link linkend="fdl-modified">Phin bn Sa i</link> ca cc bn khc nhau ly th d, bi ph bnh ngang hng hay li phi biu rng vn bn c tn thnh bi mt t che no lm s xc nh c cn c ca mt tiu chun.</para>

<para>Cho php bn thm mt on cha n nm t lm <link linkend="fdl-cover-texts">on Bt Trc</link>, v mt on cha n 25 t lm <link linkend="fdl-cover-texts">on Bt Sau</link>, vo kt the ca danh sch cc <link linkend="fdl-cover-texts">on Ba</link> trong <link linkend="fdl-modified">Phin bn Sa i</link>. Cho php mi the th thm (hay thu xp thm) cm mt <link linkend="fdl-cover-texts">on Bt Trc</link>, <link linkend="fdl-cover-texts">on Bt Sau</link>. Nu <link linkend="fdl-document">Ti liu</link> cha mt on ba trn ba, c thm trc bi bn (hoc c thu xp thm bi cng mt the th bn i din), khng cho php bn thm on na; nhng bn c th thay th th iu c nu nh xut bn thm n cho php dt khot.</para>

<para>(Nhng) tc gi v nh xut bn ca <link linkend="fdl-document">Ti liu</link> khng phi bng Giy Php ny cho php s dng tn ca h trong thng cng khai hoc xc nhn (trc tip hay cng ) bt c <link linkend="fdl-modified">Phin bn Sa i</link> no.</para>
</sect1>

<sect1 id="fdl-section5" label="5">
<title>KT HP TI LIU</title>

<para>Cho php bn kt hp <link linkend="fdl-document">Ti liu</link> vi cc ti liu khec c pht hn di Giy php ny, vi iu kin c xc nh trong <link linkend="fdl-section4">phn 4</link> tm v phn bn sa i, min l bn gm trong s kt hp tt c cc <link linkend="fdl-invariant">Tit on Bt Bin</link>, ca tt c cc ti liu gc, cha sa i, v lit k tt c chng l <link linkend="fdl-invariant">Tit on Bt Bin</link> ca vn bn kt hp, trong thng bo giy php ca n.</para>

<para>Vn bn kt hp cn phi cha ch mt bn sao ca Giy php ny; cng cho php thay th nhu <link linkend="fdl-invariant">Tit on Bt Bin</link>, trng bng cng mt bn sao. Nu c nhu <link linkend="fdl-invariant">Tit on Bt Bin</link> cng tn nhng khec ni dng, khin mi tiu tit on l duy nht, bng cch ph thm (trong ngoc) tn ca tc gi hay nh xut bn gc ca tit on, nu c bit, hoc mt s hiu. iu chnh tng ng nhng tiu tit on trong danh sch cc <link linkend="fdl-invariant">Tit on Bt Bin</link>, trong thng bo giy php ca vn bn kt hp.</para>

<para>Trong s kt hp, bn phi kt hp bt k tit on c tiu <quote>Lch s</quote> ca nhng ti liu gc khec nhau, th to cng mt tit on c tiu <quote>Lch s</quote>; cng vy kt hp bt k tit on c tiu <quote>Li Bo Nh</quote>, v bt k tit on c tiu <quote>Li Tng</quote>. Bn phi xo b mi tit on c tiu <quote>S Xc Nh</quote>.</para>
</sect1>

<sect1 id="fdl-section6" label="6">
<title>TP HP TI LIU</title>

<para>Cho php bn to mt tp hp cha <link linkend="fdl-document">Ti liu</link> v cc ti liu khec nhau cng c phth nh di Giy php ny, v thay th nhng bn sao ring ca Giy php ny trong nhng ti liu khec nhau bng cng mt bn sao c bao gm trong tp hp, min l bn theo nhng quy tc ca Giy php ny mi phng din khec i vi vic sao cphp nguy vn mi ti liu.</para>
</sect1>
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</para>

</sect1>
<para>Mi phin bn ca Giy php nhn mt s hiu phin bn ring. Nu <link linkend="fdl-document">Tit liu</link> xc nh rng mt phin bn c s hiu ring ca Giy php ny <quote>hay bt c phin bn sau no</quote> p dng cho n, bn c ty chn tun theo iu kin hoc ca phin bn xc nh, hoc ca bt c phin bn sau no c cng b (khng phi l nhp) bi T chc Phn mm T do. Nu <link linkend="fdl-document">Tit liu</link> khng xc nh mt s hiu phin bn ring ca Giy php ny, cho phn bn chn bt c phin bn no c cng b (khng phi l nhp) bi T chc Phn mm T do.</para>
</sect1>

<sect1 id="fdl-using" label="none">
<title>Ph Lc</title>
<para>dng Giy php ny trong mt ti liu bn to, hy gm mt bn sao ca Giy php trong ti liu, v thm nhng thng bo tc quyn v giy php ny ng sau trang tu :<para>
</para>
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<sect1 id="fdl-using" label="none">
<title>Giy phppnh mm t do</title>
<para>Tc quyn NM H TN CA BN</para>
<para>C cp quyn sau chp, phth nh v/hay sa i ti liu ny vi iu kin ca Giy php Ti liu T do GNU (GFDL). Phn bn 1.1 hay bt c phin bn sau no c cng b bi T chc Phn mm T do; cn nhng <link linkend="fdl-invariant">Tit on Bt Bin</link> 1 LIT K CC TIU , cn nhng <link linkend="fdl-cover-texts">on Ba Trc</link> 1 LIT K, v cn nhng <link linkend="fdl-cover-texts">on Ba Sau</link> 1 LIT K. Mt bn sao ca giy php c gm trong tit on c tiu <quote>Giy php Ti liu T do GNU</quote>.<para>
</para>
</sect1>

<sect1 id="fdl-using" label="none">
<title>Giyphp Cng cng</title>
<para>Nu bn khng c <link linkend="fdl-invariant">Tit on Bt Bin</link>, hy vit <quote>khung c Tit on Bt Bin</quote> thay cho lit k nhng tit on bt bin. Vy nu bn khng c <link linkend="fdl-cover-texts">on Ba Trc</link>, vit <quote>khung c on Ba Trc</quote> thay cho lit k chng: cng vy i vi <link linkend="fdl-cover-texts">on Ba Sau</link>.<para>
</para>
</sect1>

<sect1 id="fdl-using" label="none">
<title>Giy php Cng cng</title>
<para>Nu ti liu ca bn cha mu th d ng k ca m ngun chng trnh, khuyen bn phth nhng mu ny mt cch song song di giy php phppnh mm t do mun, v.d. <link type="http" url="http://www.gnu.org/copyleft/gpl.html">Giy php Cng cng GNU</link> (GPL), cho php ngi khc dng m ny trong phn mm t do.<para>
</para>
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      Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
    </para>
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      <state>MA</state> <postcode>02110-1301</postcode>
      <country>USA</country>
    </address>.
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    Version 2.1, February 1999
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    The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.
  </abstract>
</articleinfo>

<sect1 id="preamble" label="none">
  <title>Preamble</title>
  <para>
    The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change free software—to make sure the software is free for all its users.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

This license, the Lesser General Public License, applies to some specially designated software packages—typically libraries—of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
</para>

<para>
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
</para>
</sect2>

<sect2 id="sect2" label="2">
<title>Seccion 2</title>
<para>
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
</para>
<orderedlist numeration="loweralpha">
<li>
<para>
The modified work must itself be a software library.
</para>
</li>
<li>
<para>
You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
</para>
</li>
<li>
<para>
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
</para>
</li>
<li>
<para>
If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.
</para>

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

<para>
These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Library,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.
</para>

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

<para>
In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
</para>

</listitem>
</orderedlist>
</sect2>

<sect2 id="sect3" label="3">
<title>Seccion 3</title>

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

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

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

You may copy and distribute the Library (or a portion or derivative of it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.

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

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under <link linkend="sect6">Section 6</link>.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of <link linkend="sect6">Section 6</link>. Any executables containing that work also fall under <link linkend="sect6">Section 6</link>, whether or not they are linked directly with the Library itself.
As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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

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

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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

You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and any later version, you have the option of following the terms and
conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a
license version number, you may choose any version ever published by
the Free Software Foundation.

<para>
</sect2>

<sect2 id="sect14" label="14">
<title>Seccion 14</title>

<para>
If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.
</para>
</sect2>

<sect2 id="sect15" label="15">
<title>NO WARRANTY</title>
<title>Seccion 15</title>

<para>
BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY
OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTicular PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE
OF THE LIBRARY IS WITH YOU. SHOULd THE LIBRARY PROVE DEFECTIVE, YOU
ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
</para>
</sect2>

<sect2 id="sect16" label="16">
<title>Seccion 16</title>

<para>
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WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERS INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- The modified work must itself be a software library.
- You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
<sect id="sect3" label="3">
<title>3</title>
<para>LGPL GPL LGPL GPL 2 (GPL 2 ).</para>
<para>GPL GPL .</para>
</sect>

<sect id="sect4" label="4">
<title>4</title>
<para><link linkend="sect1">1</link> <link linkend="sect2">2</link> ( <link linkend="sect2">2</link> 2 ) . <link linkend="sect1">1</link> <link linkend="sect2">2</link> .</para>
<para> , .</para>
</sect>

<sect id="sect5" label="5">
<title>5</title>
<para>, <quote>, .</para>
<para><quote>, 2 . <link linkend="sect6">6</link> .</para>
<para><quote> 2 2 . .</para>
<para> 10 2 . ( <link linkend="sect6">6</link> .)</para>
<para> 2 <link linkend="sect6">6</link> , <link linkend="sect6">6</link> .</para>
</sect>

<sect id="sect6" label="6">
<title>6</title>
<para>, <quote>, . . (reverse engineering).</para>
<para>
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

<orderedlist numeration="loweralpha">
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    <para id="sect6a">
      Accompany the work with the complete corresponding
      machine-readable source code for the Library including whatever
      changes were used in the work (which must be distributed under
      Sections <link linkend="sect1">1</link> and
      <link linkend="sect2">2</link> above); and, if the work is an
      executable linked with the Library, with the complete machine-readable
      <quote>work that uses the Library</quote>, as object code and/or source
      code, so that the user can modify the Library and then relink to
      produce a modified executable containing the modified Library. (It is
      understood that the user who changes the contents of definitions files
      in the Library will not necessarily be able to recompile the application
      to use the modified definitions.)
    </para>
  </listitem>
  <listitem>
    <para>
      Use a suitable shared library mechanism for linking with the
      Library. A suitable mechanism is one that (1) uses at run time a
      copy of the library already present on the user's computer system,
      rather than copying library functions into the executable, and (2)
      will operate properly with a modified version of the library, if
      the user installs one, as long as the modified version is
      interface-compatible with the version that the work was made with.
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany the work with a written offer, valid for at
      least three years, to give the same user the materials
      specified in <link linkend="sect6a">Subsection 6a</link> above, for a charge no more than the cost of performing
      this distribution.
    </para>
  </listitem>
  <listitem>
    <para>
      If distribution of the work is made by offering access to copy
      from a designated place, offer equivalent access to copy the above
      specified materials from the same place.
    </para>
  </listitem>
</orderedlist>
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  <listitem>
  
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  </para>
</listitem>

</listitem>

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

<listitem>

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this distribution.
</para>
</listitem>
</listitem>

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</listitem>

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<sect1 id="fdl-section8" label="8">
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<sect1 id="fdl-section10" label="10">
<title></title>
<para><link linkend="fdl-document"> ()</link><quote></quote><link linkend="fdl-document"></quote>(())</para>
</sect1>
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Ustanovení a podmínky pro koprovnění, distribuci a modifikaci

Paragraf 0

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<note>
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<para>
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</note>

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</para>
</listitem>
</listitem>
</para>
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distribution, a complete machine-readable copy of the corresponding source code,
to be distributed under the terms of Sections 1 and 2 above on a medium customarily
used for software interchange; or,
</para>
</listitem>
</listitem>
</para>
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corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form
with such an offer, in accord with Subsection b above.)
</para>
</listitem>
</orderedlist>
</para>
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znamen pln zdrojov kd veker zdrojov kd pro vechny moduly, kter obsahuje, plus jakkoli dal soubory pro definici
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nejou tet strany nuceny ke zkoprovn zdrojovho kdu spolu s objektovm.</para>
</sect2>

<section id="sect4" label="4">
<title>Paragraf 4</title>

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</sect2>

<section id="sect5" label="5">
<title>Paragraf 5</title>

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<sect2 id="sect6" label="6">
<title>Paragraf 6</title>

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<sect2 id="sect7" label="7">
<title>Paragraf 7</title>

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<title>Paragraf 8</title>

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Parágraf 9

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The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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<one line to give the library's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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2. Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
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Sínia Miranda
silviamira@gmail.com

Gil Forcada
gilforcada@guifi.net

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<br>

Les condicions exactes per a la cpia, distribució i modificació les següents.

---

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<br>

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<br>

Podeu copiar i distribuir cpies literals del codi font del programa tal com el rebueu, en qualsevol mitjà, sempre que publiqueu en cada cpia, de manera adient i ben visible, una nota de copyright i una renúncia de garantia; manteneu intactes tots els avisos que fan referència a aquesta llicència i a l'absència de garanties de cap mena; i lliureu a qualsevol altre destinatari del programa una cpia d'aquesta llicència juntament amb el programa.

<br>

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<br>

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Si el programa s interactiu per normalment no porta cap indicaci com la que s'ha descrit, tampoc cal que les obres que feu basades en el programa en portin cap.

Aquests requeriments afecten l'obra modificada com un tot. Si hi ha parts identificables que no estan derivades del programa, i es poden considerar raonablement com a obres independents i separades en sí mateixes, aleshores aquesta llicència i els seus termes no s'apliquen a aquelles parts quan les distribueu com a obres separades. Per quan distribueu aquestes mateixes parts integrades en un tot que sigui una obra basada en el programa, la distribució del tot s'ha de fer d'acord amb els termes d'aquesta llicència, i els permisos atorgats a altres beneficiaris abasten el tot sencer i, per tant, totes i cadascuna de les parts, independentment de qui les hagi escrites.

Això doncs, la intenci d'aquesta secció no s reclamar o disputar-vos cap dret a codi que hagueu escrit del tot vs mateix. La intenci s aviat exercir el dret a controlar la distribució d'obres derivades o collectives basades en el programa.

A més a més, la simple agregaci amb el programa (o amb una obra basada en el programa) d'altres obres no basades en el programa en un volum d'un mitj d'emmagatzemament o de distribució no posa aquestes altres obres sota l'mbit de la llicència.

Podeu copiar i distribuir el programa (o una obra basada en el programa, segons la secció 2) en forma executable o de codi objecte d'acord amb els termes de les seccions 1 i 2 anteriors, amb la condici que tamb feu una de les coses segents: o

L'acompanyeu amb el codi font complet corresponent, capa de ser llegit per un ordinador, que es distribuir d'acord amb els termes de les seccions 1 i 2 anteriors en un mitj utilitzat habitualment per a l'intercanvi de programari; o
subministrar a tota tercera part, i per un preu no superior al que us costi físicament realitzar la distribució, el codi font complet corresponent, que es distribuir d'acord amb els termes de les seccions 1 i 2 anteriors en un mitj utilitzat habitualment per a l'intercanvi de programari; o, </para>
</listitem>
</listitem>
</orderedlist></para>

L'acompanyeu amb la informació que hagiu rebut de l'oferiment de distribuir el codi font corresponent (aquesta alternativa només s'permés per a la distribució no comercial i només si heu rebut el programa en forma executable o de codi objecte amb aquest oferiment, d'acord amb la subsecció b anterior).</para>

El codi font per a una obra vol dir la forma preferida de l'obra per a fer-hi modificacions. Per una obra executable, el codi font complet vol dir tot el codi font per a tots els mòduls que cont, ms tots els fitxers de definició d'interfícies associats si s'escau, ms els scripts que es facin servir per a controlar la compilació i la instal·lació de l'executable si s'escau. Tanmateix, com a excepció especial, el codi font que es distribueixi no cal que inclogui res del que normalment es distribueixi (sia en forma binària o de codi font) amb els components principals (compilador, núcli o similars) del sistema operatiu en què s'executa el programa, tret que el component en qüestió acompanyi l'executable.</para>

Si la distribució de l'executable consisteix a donar accés per a copiar-lo d'un lloc determinat, aleshores serveix com a distribució del codi font el fet de donar un accés equivalent per a copiar el codi font, encara que les terceres parts no estiguen obligades a copiar el codi font en copiar el codi objecte.</para>

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</sect2>

<sect2 id="sect7" label="7">
<title>Secci 7</title>

<br>

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<br>

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<br>

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<br>

<para>Aquesta secci pretn deixar del tot clar el que es considera una conseqncia de la resta de la llicncia.</para>

</sect2>

<sect2 id="sect8" label="8">
<title>Secci 8</title>

<br>

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</sect2>

<sect2 id="sect9" label="9">
<title>Secci 9</title>

<br>

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</listitem>

<listitem>
<para>Preservar na referida nota de licença a lista completa de Sees Invariantes e Textos de Capa obrigatórios, dados na nota de licença do Documento.</para>
</listitem>

<listitem>
<para>Incluir uma cópia inalterada desta Licença.</para>
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<listitem>
<para>Preservar a seção intitulada Histórico, preservar seu título, e adicionar a esta um item declarando ao menos o título, o ano, novos autores, e o editor da Versão Modificada conforme incluído na Pgina de Título. Se nenhuma seção intitulada Histórico estiver presente no Documento, crie uma informando o título, o ano, os autores e o editor do Documento como evidenciado na Pgina de Título, em seguida adicione um item descrevendo a Versão Modificada como mencionado na sentença anterior.</para>
</listitem>

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<para>Preservar o endereço de rede, se existir algum, informado pelo Documento para acesso público a uma cópia Transparente deste e, da mesma maneira, os endereços de rede dados no Documento para versões anteriores nas quais este se baseia. Estes podem ser colocados na seção Histórico. Você pode omitir um endereço de rede para um trabalho que foi publicado pelo menos quatro anos antes do Documento em si, ou se o editor original da versão qual o endereço se refere ter permissão.</para>
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<para>Preservar o título da seção para qualquer seção intitulada Agradecimentos ou Dedicatórias e preservar dentro da seção toda a substância e tom de cada um dos agradecimentos e/ou dedicatórias mencionados.</para>
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</sect1>

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</sect1>
</article>
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A legtbb szoftver licencei azzal a szndkkal kszltek, hogy minl kevesebb lehetsget adjanak a szoftver megvltoztatsra s terjesztsre. Ezzel szemben a GNU GPL clja, hogy garantlja a szabad szoftver msolnak s terjesztsnek szabadsgt, ezltal biztostva a szoftver szabad felhasznlhatsgt minden felhasznl

dszmra.
A legtöbb szoftver licencei azzal a szándékot jelzik, hogy minél kevésbé lehetőséget adjanak a szoftver megújulására s terjesztésére. Ezzel szemben a GNU GPL clja, hogy garantálja a szabad szoftver módosításnak s terjesztésnek szabadsgát, eztal biztosítva a szoftver szabad felhasználhatóság minden felhasznál számra. A GPL szabályai vonatkoznak a Free Software Foundation legtöbb szoftverre, illetve minden olyan programra, melynek szerzje gy dnt, hogy ezt használja a szerzi jog megjellisfekor. (A Free Software Foundation egyes szoftverere a GNU LGPL rvnyes.) Brki használhatja a programjaiban a GPL-t a szerzi jogi megjegyzésenl.</para>

A szabad szoftver megjells nem jelenti azt, hogy a szoftvernek nem lehet ra. A GPL licencek clja, hogy garantálja a szabad szoftver módosításnak szabad terjesztés (s e szolgáltatst ak d felszíntst), a forroksd elrhetség, hogy brki szabadon módosíthassa a szoftvert, vagy felhasználhassa a rszeit j szabad programokban; s hogy msok megismerhessék ezt a lehetségét.</para>

A szerz jogainak vdelme készlél: <orderedlist numeration="arabic">
<li><para>a szoftver szerzi jogainak vdelmb s</para></li>
<li><para>a jelen licenc biztosítsbl, amely jogalapot biztos a szoftver msolsra, terjesztésre s/vagy mdostsra.</para></li>
</orderedlist></para>

A jogok vdelme kt lpsbl ll: <orderedlist numeration="arabic">
<li><para>a szoftver szerzi jogainak vdelmb s</para></li>
<li><para>a jelen licenc biztosítsbl, amely jogalapot biztos a szoftver msolsra, terjesztésre s/vagy mdostsra.</para></li>
</orderedlist></para>

Az egyes szerz s a magunk vdelmbl biztosítsak akarjuk, hogy mindenki megrtse: a jelen szabad szoftverre nincs jlls. Ha a szoftvert mdostott s tovbbadtk, akkor mindenkinak, aki a mdostott vltotatot kapja, tudnia kell, hogy az nem az eredeti, gy a msok ltai okozott hibknak nem lehet hatsa az eredeti szerz hrnevre.
Vgl, a szabad szoftver lett llandan fenyegetik a szoftverszabadalmak. El szeretnünk kerlni annak veszlyt, hogy a szabad program terjeszti szabadalmat jegyezhessenek be r, ezáltal sajt szellemi tulajdonságot tevünk a programot. Ennek megelzéshez tisztiztni kívünk: szabadalom szabad szoftverrel kapcsolatban csak mindenki tilak szabad hasznlatra jegyezhet be, vagy egyáltalán nem jegyezhet be.</para>

A msolsra, terjesztsre, mdostsra vonatkoz pontos szabályok s felttelek:</para>

A MSOLSRA, TERJESZTENI, MDOSTSRA VONATKOZ FELTTELEK S KIKTSEK

A msolsra, terjesztsre, mdostsra vonatkoz pontos szabályok s felttelek:

0. szakasz

Ez a licenc minden olyan programra vagy munkra vonatkozik, amelynek a szerzi jogi megjegyzésben a jog tulajdonosa a kíve az szabályok helyezte el: a GPL-ben foglaltak alapján terjeszthet. Az alábbiban a Program kifejez brmely ilyen programra vagy munkra vonatkozik, a Programon alapul munka pedig maga a programot vagy egy szerzi joggal védett munka jelenti: vagyis olyan munkat, amely tartalmazza a programot vagy annak egy részlet, mdostottan vagy mdostatlanul s/vagy ms nyelvre fordítva. (Az alábbiban a fordts minden egyeb megkéts nkl beletartozik a mdosts mdosts</quote>n</quote>.</para>

A jelen licenc a msolson, terjesztsen s mdostson kvl ms tevékenységre nem vonatkozik, azok a hatlyn kvl</para>

1. szakasz

A Program forrásja mdosts nkl msolhat s brmely adathordozn terjeszthet, feltve, hogy minden egyes pldkyon pontosan szerepel a megfelel szerzi jogi megjegyzés, illetve a garanciavllals elutasza; rintetlenl kell hagyni minden erre a szabályozra s a garancia teljes hínya utal szveget s a jelen licencdokumentumot is el kell juttatni mindazokhoz, akik a Programot kapjik.</para>

Felszmthat dj a msolat fizikai tovbbtsa fejben, illetve ellenszolgáltats fejben a Programhoz garanciális tmogats is biztosthat.</para>

2. szakasz

A Program vagy annak egy rész mdsothat, gy a Programon alapul munka jn ltre. A mdosts ezutn az 1. szakaszban adott felttelek szerint tovbb terjeszthet, ha az alábbi felttelek is teljeslnek:

1. szakaszban adott felttelek szerint tovbb terjeszthet, ha az alábbi felttelek is teljeslnek:

orderedlist numeration="loweralpha"

listitem

A mdostott fjolkot el kell ltni olyan megjegyzessel, amely feltinteti a mdostsr az nevt s a mdostsok dtumt.</para>

listitem
Minden olyan munkt, amely rszben vagy egzszben tartalmazza a Programot vagy a Programon alapul, olyan szabályokkal kell kiadni vagy terjeszteni, hogy annak hasznlati joga harmadik szemly rszre licencdjmentesen hozzáférhet legyen, a jelen dokumentumban tallhat feltételeknek megfelelén.</para>

<listitem>

<para>Ha a mdostott Program interaktvan olvassa a parancsokat futs kzbenn, akkor gy kell elkszteni, hogy a megszokott mdon trtn indtkszor megjelentsen egy zenetet a megfelel szerzi jogi megjegyzssel s a garancia hinarya utal kzlssel (vagy ppen azzal az informcival, hogy miknt juthat valaki garancihoz), illetve azzal az informcival, hogy brki terjesztheti a Programot a jelen feltételeknek megfelelén, s arra is utalst kell tenni, hogy a felhasznl miknt tekintheti meg a licenc egy plndyt. <note>

<title>Kivtel:</title>

<para>ha a Program interaktv ugyan, de nem jelent meg hasonl zenetet, akkor a Programon alapul munknak sem kell ezt tennie.</para>

</note></para>

</listitem>

<listitem>

<para>Ezek a feltételek a mdostott munkra, mint egszre vonatkoznak. Ha a munka azonosthat rszei nem a Programon alapulnak s fgetten munkkknt elhniten azonosthat, akkor ez a szabályos nem vonatkozik ezekre a rszekre, ha azok kln munkaknt kernek terjesztse. Viszont, ha ugyanez a rsz az egzsz rszeknt kerl terjesztse, amely a Programon alapul munka, akkor az egzs terjeszts csak a jelen dokumentum alapjn lehetses, amely ebben az esetben a jogokat minden egyes felhasznln szmra kiterjeszti az egszre tekintet nkl arra, hogy melyik rsz ki rta.</para>

</listitem>

<listitem>

<para>E szveгрsznek teht nem az a clja, hogy msok jogait elvegye vagy korltozza a kizrlag sajt maga ltal rt munkkra; a cl az, hogy a jogok gyakorlisa szabályozva legyen a Programon alapul illetve a gyjemnnes munkk terjeszts esetben.</para>

</listitem>

<listitem>

<para>Ezenkvl ms munkknak, amelyek nem a Programon alapulnak, a Programmal (vagy a Programon alapul munkval) ksz adathordozn vagy adattroln szerepeltsete nem jelenti a jelen szabályok rvnyessgt azokra is.</para>

</listitem>

</orderedlist></para>

<sect2 id="sect3" label="3">

<title>3. szakasz</title>

<para>A Program (vagy a Programon alapul munka a <link linkend="sect2">2. szakasznak</link> megfelelen) msohat s terjeszthet trgykd vagy vgrehajthat kd formjban az <link linkend="sect1">1. szakaszban</link> s a <link linkend="sect2">2. szakaszban</link> foglaltak szerint, amennyiben az albbi feltételek is teljesnek: <orderedlist numeration="loweralpha">

<li><para>a teljes, gp ltal rtelmezhet forrskd ksr az anyagot, amelynek terjesztse az <link linkend="sect1">1. szakaszban</link> s a <link linkend="sect2">2. szakaszban</link> foglaltak szerint trtnik, jellemzen szoftverterjesztse hasznlt adathordozn; vagy, </para>

</li>

<li><para>a teljes, gp ltal rtelmezhet forrskd, a fizikai tovbbtst fedez szegnl nem nagyobb djrt az 1. s 2. szakaszban foglaltak szerint szoftverterjesztse

</para>

</li>

</orderedlist></para>
használt adathordozón; vagy, </para>
</listitem>
</listitem>
<p>a megfelel forrskd terjesztésre vonatkozóan megkapott tőkéztats ksrí az anyagot. (Ez az alternatva csak nem kereskedelmi terjeszts esetén alkalmazhat abban az esetben, ha a terjeszt a Programhoz a trgykd vagy forrskd formában jutott hozz az ajnlattal egytt a fenti b. cikkelynek megfelelén.)</p>
</listitem>
</orderedlist></para>

<p>Egy munka forrskdja a munknak azt a formjt jelenti, amelyben a mdostsokat elsdlegesen vegeri szoks. Egy vgrehajthat program esetében a teljes forrskd a tartalmazott szes modul forrskdj jelenti, tovbb a kapcsold felletdefincs fíjokat s a fordst vezrl parancsfíjokat. Egy specilis kivettk a forrskdnak nem kell tartalmaznia norml esetben a vgrehajthat kd fttatsa szogl opercis rendszer fbb székeit (kernel, fordtprogram stb.) terjesztett rszeit (forrs vagy binris formban), kivve, ha a komponens maga a vgrehajthat llomnyt ksrí.</p>

<p>Ha a vgrehajthat program vagy trgykd terjesztse a forrskd hozzfrst egy megadott helyen biztost rsban vllalja, akkor ez egyenrtk a forrskd terjesztvel, br msoknak nem kell a forrst lemsolniuk a trgykddal egytt.</p>

<h2 id="sect4" label="4">4. szakasz</h2>

<p>A Programot csak a jelen Licencben lertaknak megfelelén szabad lemsolni, terjeszteni, mdostani s allicencbe adni. Az egyb mdon trtn msols, mdosts, terjeszts s allicencbe ads rnytelen, s azonnal rnyteleni a dokumentumban megadott jogosultsgokat. Mindazonltal azok, akik a Licencet megszegtl kaptak plndyokat vagy jogokat, tovbb gyakorolhatjtk a Licenc ltal meghatrozott jogaikat mindaddig, amg teljesen megfelelnek a Licenc feltelteinek.</p>

<h2 id="sect5" label="5">5. szakasz</h2>

<p>nek nem ktelez elfogadnia ezt a szablyozst, hiszen nem rta al. Ezen kvl viszont semmi ms nem ad jogokat a Program terjesztésre s mdostsra. Ezeket a cselekedeteket a trvny bnteti, ha nem a jelen szerzi jogi szablyozs keretei kzt trtnnek. Mindezek miatt a Program (vagy a Programon alapul munka) terjesztése vagy mdostsa a jelen dokumentum szablyainak, s azon bell a Program vagy a munka mdostsra, msolsra vagy terjeszttsre vonatkoz szes felteltnel elfogadst jelenti.</p>

<h2 id="sect6" label="6">6. szakasz</h2>

<p>Minden alkalommal, amikor a Program (vagy az azon alapul munka) tovbbadsa trtnik, a Programot megkap szemly automatikusan hozzjut az eredeti licencultaljdonost szrmaz licenchez, amely a jelen szablyok szerint biztostja a jogot a Program msolsra, terjesztsre s mdostsra. Nem lehet semmilyen mdon tovbb korltozni a fogad flnek az itt megadott jogait. A Program tovbbadja nem felels harmadik szemlyekkel betartatni a jelen szablyokat.</p>
<sect2 id="sect7" label="7">
<title>7. szakasz</title>

<para>Ha brsgi hatrozat, szabadalomsrts vlelme, vagy egyb (nem kizrlag szabadalmakkal kapcsolatos) okbl olyan feltteleknek kell megfelelnie (akr brsgi hatrozat, akr megallapods, akr brmi ms eredmnyekpp), amelyek ellentesek a jelen felttelekkel, az nem menti fel a terjeszt a jelen felttelek figyelembetevete al. Ha a terjeszts nem lehetsges a jelen Licenc s az egyb felttelek tkelezettsgeinek egytt betartsval, akkor tilos a Program terjesztse. Ha pldul egy szabadalmi szerzs nem engedi meg egy program jogdj nkli tovbbterjesztst azok szmra, akik kzetve vagy kzetlenl megkapjik, akkor az egytet mdja, hogy eleget tegyen valaki mindk feltelt az, hogy ell a program terjesztstl.</para>

<para>Ha ennek a szakasznak brmely rsze rvnytelen, vagy nem rvnyesthet valamely krlmny folytn, akkor a szakasz maradk rszt kell alkalmazni, egyb esetekben pedig a szakasz egssz alkalmazand.</para>

<para>Ha ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyb hasonl jogok megstsre sztnzn brkit is; mindssze meg szeretn vdeni a szabad szoftver terjesztsi rendszernek egysgt, amelyet a szabad kreadst szablyoz felteltrendserek teremtenek meg. Sok ember nagymrtkben jult hozz az e rendszer keretben terjesztett, knfle szoftverekhez, s szmt a rendszer kvetkezetes alkalmazsra; azt a szerz/adomnyoz dnti el, hogy a szoftvert ms rendszer szerint is kzz kvja-e tenni, s a licencet kapk ezt nem befolysolhatjik.</para>

<para>Ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyb hasonl jogok megstsre sztnzn brkit is; mindssze meg szeretn vdeni a szabad szoftver terjesztsi rendszernek egysgt, amelyet a szabad kreadst szablyoz felteltrendserek teremtenek meg. Sok ember nagymrtkben jult hozz az e rendszer keretben terjesztett, knfle szoftverekhez, s szmt a rendszer kvetkezetes alkalmazsra; azt a szerz/adomnyoz dnti el, hogy a szoftvert ms rendszer szerint is kzz kvja-e tenni, s a licencet kapk ezt nem befolysolhatjik.</para>

<sect2 id="sect8" label="8">
<title>8. szakasz</title>

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<sect2 id="sect9" label="9">
<title>9. szakasz</title>

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<para>A dokumentum minden vltozata egy megklnbtet verziszmmal elltva jelenik meg. Ha a Program szerzi jogi megjegyzbsben egy bizonyos vagy annl <quote>jabb verzi</quote> van megjellve, akkor lehetsg van akr a megjellt, vagy a Free Software Foundation Ital kiadott ksbbi verziban lert felttelek kvtse. Ha nincs ilyen megjellt verzi, akkor lehetsg van a Free Software Foundation Ital valaha kibocstott brmelyik dokumentum alkalmazsra.</para>
</sect2>
10. szakasz

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11. szakasz

GARANCIAVLLALS HINYA

MIVEL A JELEN PROGRAM HASZNALATI JOGA DJMENTES, AZ ALKALMAZHAT JOGSZABLYOK LTAL BIZTOSTOTT MAXIMLIS MRTKBEN VISSZAUTASTJUK A PROGRAMHOZ A GARANCIA BIZTOSTST. AMENNYIBEN A SZERZI JOGOK TULAJDONOSAI RSBAN MSKNT NEM NYILATKOZNAK, A PROGRAM A "JELEN LLAPOTBAN" KERL IAIDSRA, MINDENFLE GARANCIAYLLALS NLKL, LEGYEN AZ KIFEJEZETT VAGY BELERTETT, BELERTVE, DE NEM KIZRLAGOSAN A FORGALOMBA HOZHATSGRA VAGY ALKALMAZHATSZGRA VONATKOZ GARANCIKAT. A PROGRAM MINSGBL S MKDSBL FAKAD SSZES KOCKZAT A FELHASZNLT TERHELI. HA A PROGRAM HIBSAN MKDIK, A FELHASZNNAK MAGNAK KELL VLLALNIA A JAVTSHOZ SZKSGES MINDEN KLTSGET.

12. szakasz

AMENNYIBEN A HATLYOS JOGSZABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS MEGLLAPODSBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAM SZEZIE, SEM MSOK, AKIK MDOSTOTTKB S/VAGY TERJESZTETTK A PROGRAMOT A FENTIEKNEK MEGFELELEN, NEM TEHETK FELELSS A KROKRT, BELERTVE MINDEN VLETLEN, VAGY KVETKEZMNYES KRT, AMELY A PROGRAM HASZNLATBBL VAGY A HASZNLAT MEGAKADLYOZSBL SZRMAZIK (BELERTVE, DE NEM KIZRLAGOSAN AZ ADATVESZTST S A HELYTELEN ADATFELDOLGOZST, VALAMINT A MS PROGRAMOKKAL VAL HIBS EGYTMKDST), MG AKKOR SEM, HA EZEN FELEK TUDATBAN VOLTAK, HOGY ILYEN KROK KELETKEZETNEK.
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</para>
</li>
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</para>

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<title>4</title>

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<title>5</title>

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</sect>

<sect id="sect6" label="6">
<title>6</title>

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<articleinfo><para>Giy php s dng ca hu ht cc phn mm c thit k bn khng c t do chia s v thay i phn mm . Tri li, cc Giy php Cng cng GNU d nh m bo cho bn c t do chia s v thay i phn mm mt cch t do, v m bo phn mm t do cho mi ngi s dng.</para></articleinfo>

<sect1 id="preamble" label="none">

<p>Li m u</p>

<p>Giy php s dng ca hu ht cc phn mm c thit k bn khng c t do chia s v thay i phn mm . Tri li, cc Giy php Cng cng GNU d nh m bo cho bn c t do chia s v thay i phn mm mt cch t do, v m bo phn mm t do cho mi ngi s dng.</p>

<p>Khi chng ti ni v phn mm t do, chng ti cp n s t do s dng, ch khng phi l gi c. Giy php Cng cng GNU ca chng ti c thit k m bo bn c quyn t do ph hnh bn sao ca phn mm t do (v thu tin dch v ny nu mun), nhn m ngun hoc c kh ng ly n nu bn mun, bn c th thay i phn mm hay s dng bt k on no ca n trong chng trnh t do mi; v gip bn bit r l bn c th lm nhng iu ny.</p>

<p>Giy php ny, Giy php Cng cng Ph, p dng cho mt s gi phn mm ch r c bit thng th vin ca T che Phn mm T do v cc tc gi khi chn chn s dng n. Bn cng c th s dng n, nhng trc tin ngh bn ngh cn thn nu giy php ny hay Giy php Cng cng chun l chin lc tt hn trong trng hp ring no, da vo cc li gii thch bn di.</p>

<p>Khi chng ti ni v phn mm t do, chng ti cp n s t do s dng, ch khng phi l gi c. Cc Giy php Cng cng ca chng ti c thit k m bo bn c quyn t do ph hnh bn sao ca phn mm t do (v thu tin dch v ny nu mun), nhn m ngun hoc c kh ng ly n nu bn mun, bn c th thay i phn mm hay s dng bt k on no ca n trong chng trnh t do mi; v gip bn bit r l bn c th lm nhng iu ny.</p>

</sect1>
<para>bo v quyn li ca bn, chng ti ca a ra nhng hn ch cm bt c ai ph nhn bn c nhng quyn ny hay i hi bn t b n. Nhng s hn ch ny c hiu l mt s trch nhim nh thit ca bn nu bn ph t hhn bn sao ca th vin hoc sa i n.</para>

<para>Chng hn, nu bn ph t hhn bn sao ca th vin nh vy, d l cho kho ng hay thu tin, bn phi trao cho ngi nhn tt c nhng quyn bn c. Bn phi chc chn l h cng nhn c hay th ly m ngun. Nu bn lin kt m ngun khc vi th vin, bn phi cung cp cc tp tin t i ng ton thnh cho ngi nhn, h c th lin kt li tp tin nh vy vi th th vin ri din ch li. V bn cng phi cho h bit nhng iu kin ny, h bit nhng quyn ca h.</para>

<para>Chng ti bo v quyn ca bn bn mg mt phng php hai bc: (1) chng ti bn quyn tc gi ca th vin, v (2) chng ti trao cho bn giy php ny bn c quyn hp php sao cht, ph t hhnh v/hay sa i th vin.</para>

<para>Hn na, bo v mi ngi ph t hhnh, chng ti mun chc chn l mi ngi hiu rng th vin t do ny kho ng c bo hhnh. Nu th vin b sa i bi ngi khc v c phn phng tip, chng ti mun ngi nhn bit rng ci m h c kho ng phi l bn ge, v vy, bt k li no do ngi kho gc gy ra s kho ng lm mang ting n tc gi ge.</para>

<para>Cui cng, chng trnh t do no cng lun b e da bi bng sng ch phn mm. Chng ti mun chc chn l cng ty kho ng th gii hn c cc ngi dng chng trnh t do, bng cch ginh c giy phh ln ch t ngi gi sng ch. V vy chng ti c nh th giy phh sng ch no c ginh cho mt phn bn ca th vin ny phi ph h ph vi ton b quyn t do c ghi r trong giy phh ny.</para>

<para>Phn ln phn mm GNU, gm c mt s th vin, c bao quyt bi Giy php Cng cng GNU chun. Giy php ny, Giy php Cng cng Ph GNU, p dng cho mt s th vin xc nh: n rt kho vi Giy php Cng cng GNU chun. Chng ti s dng giy php ny cho mt s th vin ring, cho phh kh ng lng ln kt th vin nh vy vo chng trnh kho t do.</para>

<para>Khi chng trnh c lin kt vi th vin, bt cht mt c ch nh hay bng th th vin dng chung, s kt hp hai iu ny ni hp ph l mt sn phm kt hp, sn phm dn xut th th vin. Giy php Cng cng GNU chun th cho phh kh ng ng ln kt nh vy ch nu ton b s kt hp tho tiu chun quyn t do ca n. Giy php Cng cng Ph GNU cho phh tiu chun lng lo hnh ln kt m ngun kho ng vi th vin.</para>

<para>Chng ti gi giy php ny Giy php Cng cng &lt;quote&gt;Ph&lt;/quote&gt; v n ln t bo v quyn t do ca ngi dng hn Giy php Cng cng chun. N cng cung cp cho cc nh ph tr fn phn mm t do t th li hnh chng trnh kho t do cnh trnh. Nhng nhc im ny l l do chng ti s dng Giy php Cng cng chun cho rt nhiu th vin. Tuy nhin, giy php Ph cung cp li ch trong mt s trng hp c bit.</para>

<para>Chng hn, rt t ln c nh cu c bit h tr cch s dng rng ri nht c th mt th vin no, n tr thnh mt tiu chun nh th. t mc ch ny, cc chng trnh kho t do cng phi c quyn s dng th vin. Mt trng hp xy ra nhiu ln h nh l th th vin t do lm cng mt cng vic vi th vin kho t do c s dng rng ri. Trong trng hp ny, khh c li ch nhiu khi gii hnh th th vin t do trong ch phn mm t do, v th chng ti s dng Giy php Cng cng Ph.</para>

<para>Trong trng hp kho, quyn s dng mt th vin no trong chng trnh kho t do cng cho rt nhiu ngi c kh ng ng s dng mt tp phn mm t do rt ln. Chng hn, quyn s dng Th vin C ca GNU trong cc chng trnh kho t do th cho rt nhiu ngi thm c kh ng ng s dng ton b h iu hhnh GNU, cng nh bin th ca n, h iu hhnh GNU/Linux.</para>

<para>Mc d Giy php Cng cng Ph ln t hnh bo v quyn t do ca ngi dng, n c phi m bo rng ngi dng chng trnh c ln kt vi Th vin c quyn t do v kh ng ng chng trnh , bng mt phn bn sa i ca Th vin.</para>

<para>Theo y c nhng iu kin chnh xc sao cht, phh nhnh v sa i. Hy tp trung cn thn s kho c bit gia &lt;quote&gt;mt sn phm da vo th vin&lt;/quote&gt; v &lt;quote&gt;mt sn phm s dng th vin&lt;/quote&gt; v iu trc cha m bt ngun t th vin, cn iu sau phi c kt hp vi th.
<sect1 id="terms" label="none">
<title>IU KIN SAO CHP, PHT HNH V SA I</title>

<sect2 id="sect0" label="0">
<title>Phn 0</title>

<para>iu kin Quyn ny p dng cho bt k th vin phn mm hay chng trnh khe m cha mt thng bo c chn vo bi nghi gi tc quyn hay bt k bn c quyn ni rng c th c ph thnh theo cc iu khon ca Giy php Cng cng Ph ny (cng c gi nh l <quote>Giy php ny</quote>). Mi nghi c cp bn quyn c gi l <quote>bu</quote>.</para>

<para>Mt <quote>th vin</quote> ngha l mt tp hp cc hm phn mm v/hay d liu c chun b c lin kt tin li vi chng trnh ng dng (m s dng mt s hm v d liu trong tp hp ny) xy dng tp tin c kh nng thc hin.</para>

<para>Th vin<quote>sn phm da trn Th vin</quote> c ngha l Th vin hay bt k sn phm no bt ngun t n di lut bn quyn: tc l, sn phm cha Th vin hay mt phn ca n, hoc ng nguyen vn hoc vi s i v/hoc c dch sang mt ngng ng hc. (K t cu ny, vic dch ngng ng c bao gm v hn trong thut ng <quote>s i</quote>.)</para>

<para>M ngun<quote>sn phm c ngha l dng the sn phm c a thch khi sa i n. i vi th vin, ton b m ngun c ngha l tt c cc m ngun cho mi m-un cha, cng vi bt c tp tin xc nh gia din trng ng, cng vi cc vn lnh c dng iu khin tin trnh bin dch v ci t th vin.</para>

<para>Nhng hot ng khc ngoi s sao chp, pht thnh v sa i khng c kim sot bi Giy php ny; n ngoi phm vi ca giy php ny. Hnh ng ch Th vin khng b bn ch, v d liu xut t Th vin ch b khng ch nu ni dung ca n to thnh mt sn phm da vo Th vin (khng ph thuc vo vic s dng Th vin nh l cng c ghi n). iu ng hay khng ph thuc vo iu m Th vin ra, v iu m chng trnh s dng Th vin ra.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Phn 1</title>

<para>Bn c quyn sao chp v pht thnh bn sao ng nguy vn ca ton b m ngun ca Th vin nh bn nhn n, bng bt k cch no, min l bn cng b r rng v thch ng trn mi bn sao mt thng bo tc quyn thch hp v min tr bo thnh; gi nguy vn mi thng bo lin quan n Giy php ny v min tr bo thnh; v a cho nhng nghi nhn Chng trnh khe mt bn sao ca Giy php cng vi Th vin.</para>

<para>Bn c th thu ph cho vie gi bn sao, v bn c th ty ngh cng cp dch v bo thnh c thu ph.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Phn 2</title>

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</orderedlist>

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

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<sect2 id="sect3" label="3">
<title>Phn 3</title>

<para>Bn c th chn p dng cc iu kin ca Giy php Cng cng GNU chun, thay cho Giy php ny, cho mt bn sao no ca Th vin. Lm nh th, bn phi thay i mi thng b c Giy php ny, c Giy php Cng cng GNU chun, phin bn 2, thay cho Giy php ny. (C phin bn mi hn ca Giy php Cng cng GNU chun th bn c th ghi r phin bn thay th, nu bn mun.) Ng thay i g khc trong nhng thng bo ny.</para>

<para>Mt khi lm thay i ny trong bn sao no, khng th o ngc li cho bn sao, v th Giy php Cng cng GNU chun p dng cho tt c cc bn sao ph v sn phm bt ngun t bn sao.</para>

<para>Ty chn ny khng c ch khi bn mun sao chp phn m ngun ca Th vin vo mt chng trnh khng phi l th vin.</para>
</sect2>

<sect2 id="sect4" label="4">
<title>Phn 4</title>

<para>Bn c quyn sao chp v phnh Th vin (hoc on no ca n hoc sn phm da vo n, di <link linkend="sect2">Phn 2</link>) trong dng thc m i mng hay tp tin chy c vi iu kin ca <link linkend="sect1">Phn 1</link> v <link linkend="sect2">2</link> bn trn, min l bn km theo ton b m ngun trng ng m my c th c c, c phnh nh v iu kin ca Phn <link linkend="sect1">1</link> v <link linkend="sect2">2</link> bn trn, trn thit b lu tr thng dng trao i phn mm.</para>

<para>Nu vic phnh m i mng c lm bng cch trao truy cp sao chp t mt ni xe nh, th vic trao cc truy cp sao chp th
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C th xy ra rng iu kin ny mu thun s hn ch giy php ca th vin s hu khe khng bnh thng km theo h iu hnh. S mu thun nh vy c ngha l bn khng th s dng c th vin nh vy v Th vin u trong tp tin chy c bn phth hnh.</para>
Mi ln bn ph tnh li Th vin (hay sn phm da vo Th vin), ngi nhn c th nhn t ng mt giy php t nghi cp gc, sao chp, ph thnh, lin kt vi hay sa i Th vin vi iu kin ny. Khng cho php bn ln ch thm cch ngi dng s dng cc quyn c cp trong Giy php ny. Bn cng khng phi chu trch nhim v vic p buc nghi hcn tun theo iu kin ca Giy php ny.\</para>

<sect2 id="sect12" label="12">
<title>Phn 12</title>

<para>Nu s phthnh v/hay cch s dng Th vin b hn ch trong mt s quc gia no, hoc bi bng sng ch hoc bi gia din c bn quyn tc gi, ngi gi tc quyn gc t Th vin di Giy php ny c kh ng thm s hn ch phthnh a l ring loi tr nhng quc gia, cho php phthnh ch trong hay gia cc quc gia khng b loi tr nh th. Trong trng hp nh vy, Giy php ny hp nht s hn ch nh l n c ghi trong thn ca Giy php ny.\</para>

<sect2 id="sect13" label="13">
<title>Phn 13</title>

<para>T chc Phn mm T do c th xut bn phin bn sa i v/hay mi ca Giy php Cng cng Ph GNU. Phin bn mi nh vy s c tinh thn tng t vi phin bn hin thi, nhng c th khc bit trong chi tit gi quyt vn mi.\</para>

<para>Mi phin bn c gn mt s hiu phn bit phin bn, Nu Th vin xc nh s phin bn ring ca Giy php ny p dng cho n, \</quote>v bt k phin bn sau no</quote>, bn c ty chn th a iu kin hoc ca phin bn, hoc ca bt k phin bn sau no c xut bn bi
T thích Phn mm T do. Nu Th vin khng xc nh sphin bn ring ca Giy php ny, bn c kh nng chn bt k phin bn no ca Giy php ny c xut bn bi T thích Phn mm T do.</para>

</sect2>

<sect2 id="sect14" label="14">
<title>Phn 14</title>

<para>Nu bn mun hp nh phn no ca Th vin vo chng trnh t do khc c iu kin pht hnh khng tng thch vi Giy php ny, hy xin php tc gi. i vi phn mm c bn quyn tc gi ca T thích Phn mm T do, hy vit th cho T thích Phn mm T do : thng thong chng ti cho php ngoi l trong trng hp ny. Quyt nh ca chng ti s c hng dn bi hai mc ch l s bo tn trng thi t do ca mi iu bt ngun t phn mm t do ca chng ti, v s y mnh s chia s v s dng li phn mm mt cch chung.</para>

</sect2>

<sect2 id="sect15" label="15">
<title>KHNG BO HNH</title>

<subtitle>Phn 15</subtitle>

<para>V TH VIN C CP PHP MIN PH, KHNG C BO HNH I VI TH VIN NY, VI IU KIN C PHP LUT CHO PHP. TR KHI XC NH KHC BNG TI LIU GIY T, CC NGI GI BN QUYN TC GI V/HAY NGI KHC CUNG CP TH VIN NY <quote>NH TH</quote>, KHNG C BO HNH G C, KHNG PHT BIU N, CNG KHNG NG N, GM, NHNG KHNG B HN CH BI, S BO M NG TNH TRNG C TH BN C V S THCH HP VI MT MC CH DT KHOT. MI RI RO V CHT LNG, CHNH XC V HIU SUT CA TH VIN NY BN S T CHU. NU TH VIN NY GY RA H HNG, BN GNH VC HON TON TRCH NGHIM TR TIN DCH V GIP HAY SA CHA.</para>

</sect2>

<sect2 id="sect16" label="16">
<title>Phn 16</title>

<para>KHNG C TRNG HP NO (TR KHI PHP LUT YU CU HAY KHI C THA THUN BNG TI LIU GIY T) M BT K NGI GI BN QUYN TC GI NO, HAY BT K NGI KHC NO C TH SA I V/HAY PHT HNH LI TH VIN NH C PHP BN TRN, S C TRCH NHIM V PHP L BI THNG, GM BT K BI THNG KIU TNG QUT, C BIT, NGU NHIN HAY DO HU QU DO S DNG HAY S KHNG C KH NNG S DNG TH VIN NY (GM NHNG KHNG PHI B HN TH BI S MT D LIU HAY D LIU L BM CHO KHNG CHNH XC HAY CC MT MT CA BN HAY NGI KHC HAY S KHNG HOT NG C TH VIN NY VI CHNG TRNH KHC), THM CH NU BN HAY NGI KHC C BO BIT C KH NNG THIT HI NH VY.</para>

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</sect1>
</article>
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La finalitat d'aquesta Llicncia s crear manuals, llibres de text o altres documents escrits pel que fa a la llibertat; per assegurar tothom la llibertat real de copiar-los i redistribuir-los, modificant-los o no, amb finalitats comercials o no. Addicionalment, aquesta Llicncia assegura l'autor i l'editor una manera d'obtenir crdit per la seva obra sense ser considerat responsables de les modificacions fetes pels altres.

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Hem dissenyat aquesta Llicncia per tal d'utilitzar-la en manuals de programari lliure, perqu el programari lliure necessita documentaci lliure: un programa lliure ha de venir amb manuals que tinguin les mateixes llibertats que t el programari. Per aquesta Llicncia no es limita als manuals de programari; es pot utilitzar per a qualsevol obra de text, independentment del seu tema o de si s'ha publicat en forma impresa o no. Recomanem aquesta Llicncia especialment per a obres la finalitat de les quals sigui formaci o consulta.

Aquesta Llicncia s'aplica a qualsevol manual o altra mena d'obra que inclogui un avs del propietari del copyright que digui que es pot distribuir sota els termes d'aquesta Llicncia. Amb el Document ens referirem a aquest manual o obra. Qualsevol membre del pblic s un autoritzat i ens hi adrearem com a vs.

Una Versi modificada del document significa qualsevol obra que contingui el document o una part d'ell, ja sigui copiat literalment o amb modificacions i/o tradut a un altre idioma.

Una Un apndix amb ttl o una secci preliminar del Document que t a veure exclusivament amb la relaci dels editors o autors del Document amb el tema general del Document (o amb temes relacionats) i no cont res que pugui entrar directament dins d'aquest tema general (per exemple, si el Document s en part un llibre de matemtiques, una Secci secundria pot 
no parlar gens de matemàtiques). La relació pot ser un assump de connexió històrica amb el tema o amb assumptes relacionats, o de posicions legals, comercials, filosòfiques, tècnicas o polítiques relatives a ells.</para>

<para id="fdl-invariant">Les <quote>Seccions invariables</quote> són determinades <link linkend="fdl-secondary">Seccions secundàries</link> els títols de les quals indiquen que són Seccions invariables en l'avis que indica que el <link linkend="fdl-document">Document</link> es distribueix sota aquesta Llicència.</para>

<para id="fdl-cover-texts">Els <quote>Textos de portada</quote> són determinats fragments breus de text que consten com a Textos de portada o Textos de contraportada en l'avis que indica que el <link linkend="fdl-document">Document</link> es distribueix sota aquesta Llicència.</para>

<para id="fdl-transparent">Una còpia <quote>Transparent</quote> del <link linkend="fdl-document">Document</link> significa una còpia que pugui ser llegida per una màquina, presentada en un format les especificacions del qual siguin accessibles al públic en general, els continguts de la qual es poden visualitzar i editar directament amb editors de text genèrics, o, per a imatges composades de pixels, amb programes gràfics genèrics, o, per a dibuixos, amb editors de dibuix fciment accessibles, i que es pugui introduir a formatadors de text, o a traductors automàtics en una varietat de formats que es puguin introduir a formatadors de text. Una còpia feta en un format de fitxer Transparent, l'etiquetatge del qual s'hagi dissenyat per obstaculitzar o dissuadir als lectors de fer-hi ulteriors modificacions no s'és Transparent. Una còpia que no s'és <quote>Transparent</quote> s'anomena <quote>Opaca</quote>.</para>

<para>Alguns dels formats adequats per a còpies Transparents són: ASCII net sense etiquetatge, format d'entrada Texinfo, format d'entrada LaTeX, SGML o XML que utilitzin un DTD accessible per a tothom, i HTML senzill que compleixi amb els estàndards que estiguin dissenyat per a la modificació humana. Els formats opacs inclouen PostScript, PDF, els formats de propietat que noms es poden llegir i editar per processadors de textos de propietat, SGML o XML el DTD i/o eines de processament dels quals no siguin fciment accessibles, i HTML generat automàticament per alguns processadors de textos noms per a la sortida.</para>

<para id="fdl-title-page">La <quote>Pàgina de títol</quote> significa, per a un llibre imprès, la pròpia pàgina de títol, ms totes aquelles pàgines que siguin necessàries per contenir, de manera il·legible, el material que aquesta Llicència requereix que aparegui a la pàgina de títol. Per a les obres que, a causa del format de les quals, no tinguin pròpiament una pàgina de títol, la <quote>Pàgina de títol</quote> significa el text proper a l'aparició que destacada del títol de l'obra, precedint el començament del cos del text.</para>

</sect1>

<sect1 id="fdl-section2" label="2">
<title>CÒPIES LITERALS</title>
<para>Podeu copiar i distribuir el <link linkend="fdl-document">Document</link> en qualsevol suport, de manera comercial o no, sempre que aquesta Llicència, els avisos de copyright, i l'avis de llicència que diu que aquesta Llicència s'aplica al Document, es reproduueixin en totes les còpies, i que no hi afegiu altres condicions que les d'aquesta Llicència. No podeu utilitzar mitjans tècnics per impedir o controlar la lectura de successives còpies de les còpies que feu o distribueu. Podeu acceptar, per, una compensació a canvi de les còpies. Si distribueu un nombre prou gran de còpies tamb heu de seguir les condicions de la <link linkend="fdl-section3">secció 3</link>.</para>

<para>Tamb podeu prestar-ne còpies, amb les mateixes condicions esmentades, i exhibir-ne còpies públicament.</para>

</sect1>
CPIES EN GRANS QUANTITATS

Si publiqueu ms de 100 cpiies impreses, o en un suport que habitualment tingui cobertes impreses, del <link linkend="fdl-document">Document</link>, i l'avs de llicencia del Document requereix <link linkend="fdl-cover-texts">Textos de portada</link>, heu d'acompanyar les cpiies de cobertes que portin, clarament llegible, tots aquests Textos de portada: Textos de portada a la portada i Textos de contraportada a la contraportada. A totes dues cpiies s'ha d'indicar, clarament llegible, que sou l'editor d'aquestes cpiies. La portada ha d'indicar el ttl complet, i totes les paraules han de destacar i veure's d'igual manera. Podeu afegir material addicional a les cobertes. Les cpiies amb canvis noms a les cobertes, mentre conservin el ttl del <link linkend="fdl-document">Document</link> i satisfacin aquestes condicions, es poden considerar cpiies literals en altres aspectes.

Si els textos requerits per a qualsevol de les cobertes sn massa densos per encabir-los de manera que quedin llegibles, cal que poseu els primers (tants com sigui raonablement possible) en la coberta real, i la resta en pgines adjacents.

Si publiqueu o distribuu ms de 100 cpiies <link linkend="fdl-transparent">Opaques</link> del <link linkend="fdl-document">Document</link>, heu d'incloure amb cadascuna d'elles una cpi <link linkend="fdl-transparent">Transparent</link>, llegible per una maquina, o b incloure-hi, o indicar-hi, una ubicaci de xarxa accessible pblicament que contingui una cpi Transparent completa del Document i sense material afegit des d'on tothom que utilitzi la xarxa pugui baixar-se, utilitzant protocols de xarxa pblics. Si utilitzeu aquesta darrera opci, en comenar la distribuci de gran quantitat de cpiies Opaques heu de prendre les mesures raonablement necessaries per tal d'assegurar que la cpi Transparent a qu s'accedeix seguir disponible, en la ubicaci indicada, com a mnim durant un any a comptar des del moment en que distribuu al pblic (directament o a travs dels vostres representants o minoristes) l'tima cpi Opaca d'aquesta edici.

Es prega, per no s'exigeix, que us poseu en contacte amb els autors del <link linkend="fdl-document">Document</link> abans de redistribuir un gran nombre de cpiies; d'aquesta manera, els autors us podran facilitar una versi actualitzada del Document, si s que n'hi ha alguna.

MODIFICACIONS

Podeu copiar i distribuir una <link linkend="fdl-modified">Versi modificada</link> del <link linkend="fdl-document">Document</link> d'acord amb les condicions de les seccions <link linkend="fdl-section2">2</link> i <link linkend="fdl-section3">3</link>, ms amunt, sempre que distribuu la Versi modificada d'acord precisament amb aquesta Llicncia, amb la Versi modificada actuant com a Document, autoritzant d'aquesta manera la distribuci i modificaci de la Versi modificada a qualsevol que en posseeixi una cpi. A ms, a la Versi modificada hi heu de fer el segent:

- Utilitzeu a la <link linkend="fdl-title-page">Pgina de ttl</link> (i a les cobertes, si n'hi ha) un ttl diferent del <link linkend="fdl-document">Document</link> del de les versions anteriors (que, si n'hi ha, han d'estar detallades a la secci Historial del Document). Podeu utilitzar el mateix ttl d'una versi anterior si l'editor original d'aquesta versi ho autoritza.
Relacioneu a la <link linkend="fdl-title-page">Página de título</link>, com a autors, una o més persones o entitats responsables de la realizació de les modificacions de la <link linkend="fdl-modified">Versió modificada</link>, juntament amb almenys cinc dels autors principals del <link linkend="fdl-document">Document</link> (o tots els autors principals, si en menys de cinc).</para>

<listitem>

<para>Indiqueu a la <link linkend="fdl-title-page">Página de título</link> el nom de l'editor de la <link linkend="fdl-modified">Versió modificada</link>, com a editor.</para>

<listitem>

<para>Conserveu tots els avisos de copyright del <link linkend="fdl-document">Document</link>.</para>

<listitem>

<para>Afegiu, al costat dels altres avisos de copyright, un avís de copyright adequat per a les vostres modificacions.</para>

<listitem>

<para>Incloueu immediatament després dels avisos de copyright, un avís de llicència donant autorització pública per utilitzar la <link linkend="fdl-modified">Versió modificada</link> d'acord amb els termes d'aquesta llicència, en el formulari que s'indica a l'addendum de ms avall.</para>

<listitem>

<para>Conserveu, aquest avís de llicència, la relació completa de <link linkend="fdl-invariant">Seccions invariables</link> i <link linkend="fdl-cover-texts">Textos de coberta</link> necessaris que s'indiquen a l'avis de llicència del <link linkend="fdl-document">Document</link>.</para>

<listitem>

<para>Incloueu una còpia no alterada d'aquesta Llicència.</para>

<listitem>

<para>Conserveu la secció titulada <quote>Historial</quote> amb el seu títol, i afegiu-hi almenys el títol, any, nens autors i editor de la <link linkend="fdl-modified">Versió modificada</link>, com s'indica a la <link linkend="fdl-title-page">Página de título</link>. Si al <link linkend="fdl-document">Document</link> no hi cap secció titulada <quote>Historial</quote> creeu-ne una indicant-hi el títol, any, autors i editor del Document com s'indica a la seva Página de títol, descrient-hi tamb la Versió modificada com s'indica al punt anterior.</para>

<listitem>

<para>Conserveu la ubicació de xarxa, si n'hi ha, indicada al <link linkend="fdl-document">Document</link> per a l'accés públic a una còpia <link linkend="fdl-transparent">Transparent</link> del Document, i també les ubicacions de xarxa indicades al Document on es poden trobar les versions anteriors en què s'ha basat, que es poden incloure a la
secci <quote>Historial</quote>. Podeu ometre les ubicacions de xarxa d'obres publicades al menys quatre anys abans del propi Document, o si l'editor original de la versi a qu fa referncia us hi autoritza. </para>

</listitem>

</listitem>

<para>En qualsevol secci titulada <quote>Agraments</quote> o <quote>Dedicatries</quote>, conserveu-ne el ttol, i conserveu-hi tota l'essència i to de cadascun dels agraments dels collaboradors i/o dedicatries que hi apareguin. </para>

</listitem>

</listitem>

<para>Conserveu totes les <link linkend="fdl-invariant">Seccions invariables</link> del <link linkend="fdl-document">Document</link>, sense canviar-ne els textos ni els ttols. La numeraci de seccions o sistemes equivalents no es consideren part dels ttols de secci.</para>

</liitem>

</listitem>

<para>Suprimiu qualsevol secci titulada <quote>Aprovacions</quote>. Aquestes seccions no es poden incloure a la <link linkend="fdl-modified">Versió modificada</link>. </para>

</listitem>

</listitem>

<para>No reanomeneu cap secci existent com <quote>Aprovacions</quote>, ni tampoc de cap altra manera que pugui entrar en conflicte amb el ttol de qualsevol <link linkend="fdl-invariant">Secci invariable</link>. </para>

</liitem>

</listitem>

<para>Si la <link linkend="fdl-modified">Versió modificada</link> inclou noves seccions preliminars o apèndixs que es considerin <link linkend="fdl-secondary">Seccions secundàries</link> i no continguin material copiat del Document, si ho voleu podeu anomenar totes o algunes d'elles com invariables. Per fer-ho, afegiu-ne els ttols a la relaci de <link linkend="fdl-invariant">Seccions invariables</link> de l'avs de llicencia de la Versió modificada. Aquests ttols han de ser diferents de tots els altres ttols de secci.</para>

</liitem>

<para>Podeu afegir una secci titulada <quote>Aprovacions</quote>, sempre que contingui solament aprovacions de la vostra <link linkend="fdl-modified">Versió modificada</link> fetes per diverses parts; per exemple, declaracions d'experts o afirmant que el text ha estat aprovat per una organitzaci com a definici autoritzada d'un estàndard.</para>

</liitem>

<para>Al final de la relaci de <link linkend="fdl-cover-texts">Texts de portada</link> de la <link linkend="fdl-modified">Versió modificada</link> podeu afegir un text de fins a cinc paraules com a <link linkend="fdl-cover-texts">Text de portada</link>, i un altre de fins a 25 paraules com a <link linkend="fdl-cover-texts">Text de contraportada</link>. Cada entitat noms pot afegir (o arranjar) un Text de portada i un Text de contraportada. Si el <link linkend="fdl-document">Document</link> ja inclou un text de coberta per a la mateixa coberta, que haguéu afegit anteriorment o que s'hagi afegit mitjanant un arranjament efectuat per la mateixa entitat en nom de la qual actuue, no en podeu afegir cap ms, per podeu reemplaçar l'antiga amb l'autoritzaci expressa de l'editor anterior que la va afegir.</para>

<para>Per virtut d'aquesta Llicencia, el(s) autor(s) i editor(s) del <link linkend="fdl-document">Document</link>
no us autoritza(en) a utilitzar-ne el(s) nom(s) amb finalitats publicitries, ni afirmen ni queda implícita l'aprovaci de qualsevol <link linkend="fdl-modified">Versi modificada</link>.</para>
</sect1>

<sect1 id="fdl-section5" label="5">
<title>COMBINACI DE DOCUMENTS</title>
<para>Podeu combinar el <link linkend="fdl-document">Document</link> amb altres documents publicats d'acord amb aquesta Llicencia, d'acord amb els termes exposats a la <link linkend="fdl-section4">secci 4</link>, ms amunt, per a les versions modificades, sempre que incloueu a l'obra resultante totes les Seccions invariables de totes els documents originals, sense modificar, les relacioneu com a <link linkend="fdl-invariant">Seccions invariables</link> de l'obra resultant en el seu avis de llicencia.</para>

<para>A l'obra resultant noms cal incloure una cpia d'aquesta Llicencia, i diverses <link linkend="fdl-invariant">Seccions invariables</link> idntiques es poden substituir per una sola cpia. Si hi ha diverses Seccions invariables amb el mateix nom, per amb continguts diferents, feu que el ttl de cadascuna d'elles sigui nic afegint-hi, al final i entre parntesis, el nom de l'autor o editor original de la secci (si es coneix) o un nombre nic. Feu la mateixa operaci als ttls de la secci que sn a la relaci de Seccions invariables a l'avs de llicencia de l'obra resultant.</para>

<para>A l'obra resultant podeu combinar totes les seccions titulades <quote>Historial</quote> dels diversos documents originals, donant com a resultat una secci titulada <quote>Historial</quote>; combineu de la mateixa manera totes les seccions titulades <quote>Agraments</quote> i totes les titulades <quote>Dedicatries</quote>. Heu de suprimir totes les seccions titulades <quote>Aprovacions</quote>.</para>
</sect1>

<sect1 id="fdl-section6" label="6">
<title>RECOPILACIONS DE DOCUMENTS</title>
<para>Podeu crear una recopilaci que estigui formada pel <link linkend="fdl-document">Document</link> i altres documents publicats sota aquesta Llicncia, i reemplaar les cpies individuals d'aquesta Llicencia dels diversos documents per una de sola que quedí inclosa a la recopilaci, sempre que seguiu les normes d'aquesta Llicncia pel que fa a la cpia literal de cadascun dels documents en tots els altres aspectes.</para>

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</sect1>

<sect1 id="fdl-section7" label="7">
<title>AGRUPAMENT AMB OBRES INDEPENDENTS</title>
<para>Una compilaci del <link linkend="fdl-document">Document</link> o els seus derivats amb altres documents o obres separades i independents, en qualsevol mena de distribucio o suport d'emmagatzematge, no es t en compte com una <link linkend="fdl-modified">Versi modificada</link> del Document, sempre que no es reclami cap copyright per a la compilaci. Aquesta compilaci s'anomena un <quote>agrupament</quote> i aquesta Llicencia no s'aplica a les altres obres autocontingudes compilades amb el Document, tenint en compte que estan compilades, si no sn les mateixes obres derivades del Document. Si el requeriment del <link linkend="fdl-cover-texts">Text de
La traducció es considera una mena de modificació, i, per tant, podeu distribuir traduccions del Document d'acord amb els termes de la secció 4. La substitució de les Seccions invariables per traduccions requereix un permès especial dels propietaris del copyright, per podeu incloure traduccions d'algunes o totes les Seccions invariables a més de les seves versions originals. Podeu incloure una traducció d'aquesta Llicència sempre que també inclueiu la versió original en anglès d'aquesta Llicència. En cas de desacord entre la traducció i la versió original en anglès d'aquesta Llicència, prevaldrà la versió original.

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</blockquote>

<para>Si no teniu <link linkend="fdl-invariant">Seccions invariables</link> escriuix <quote>sense Seccions invariables</quote> enlloc d'indicar quines sn invariables. Si no teniu <link linkend="fdl-cover-texts">Textos de portada</link>, escriuix <quote>sense Textos de portada</quote> enlloc de <quote>Textos de portada sent RELACI</quote>; de la mateixa manera per a <link linkend="fdl-cover-texts">Textos de contraportada</link>.</para>

<para>Si el vostre document cont exemples no trivials de codi de programa, recomanem publicar-los de forma parallela sota una llicència de programari lliure, com ara la <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html">Llicència General Pública de GNU</ulink>, per permetre'n l'es en programari lliure.</para>

</sect1>
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Benjamin Drieu
bdrieu@april.org

Mlanie Clément-Fontaine
melanie@amberlab.net

Arnaud Fontaine
arnaud@crao.net
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Par exemple, si vous distribuez des copies d'un tel programme, titre gratuit ou contre une rémunération, vous devez accorder aux destinataires tous les droits dont vous disposez. Vous devez vous assurer qu'eux aussi reçoivent ou puissent disposer du code source. Et vous devez leur montrer les présentes conditions afin qu'ils aient connaissance de leurs droits.

Nous protégeons vos droits en deux tapes: nous sommes titulaires des droits d'auteur du logiciel, et nous vous livrons cette licence, qui vous donne l'autorisation légale de copier, distribuer et/ou modifier le logiciel.
En outre, pour la protection de chaque auteur ainsi que la ntre, nous voulons nous assurer que chacun comprenne que ce logiciel libre ne fait l'objet d'aucune garantie. Si le logiciel est modifié par quelqu'un d'autre puis transmis des tiers, nous voulons que les destinataires soient mis au courant que ce qu'ils ont reçu n'est pas le logiciel d'origine, de sorte que tout problème introduit par d'autres ne puisse entacher la réputation de l'auteur originel.

En définitive, un programme libre restera la merci des brevets de logiciels. Nous souhaitons viter le risque que les redistributeurs d'un programme libre fassent des demandes individuelles de licence de brevet, ceci ayant pour effet de rendre le programme propriétaire. Pour viter cela, nous tablissons clairement que toute licence de brevet doit être concédée de façon que l'usage en soit libre pour tous ou bien qu'aucune licence ne soit concédée.

Les termes exacts et les conditions de copie, distribution et modification sont les suivants.

CONDITIONS DE COPIE, DISTRIBUTION ET MODIFICATION

**Article 0**

La présente Licence s'applique tout programme ou tout autre ouvrage contenant un avis, apposé par le titulaire des droits d'auteur, stipulant qu'il peut être distribué au titre des conditions de la présente Licence Générale. Ci-après, le *Programme* désigne l'un quelconque de ces programmes ou ouvrages, et un *ouvrage fond sur le Programme* désigne soit le Programme, soit un ouvrage qui en dérive au titre des lois sur le droit d'auteur: en d'autres termes, un ouvrage contenant le Programme ou une partie de ce dernier, soit l'identique, soit avec des modifications et/ou traduit dans un autre langage. (Ci-après, le terme *modification* implique, sans s'y réduire, le terme *traduction*). Chaque concessionnaire sera désigné par *vous*.

Les activités autres que la copie, la distribution et la modification ne sont pas couvertes par la présente Licence; elles sont hors de son champ d'application. L'opération consistant à exécuter le Programme n'est soumise aucune limitation et les sorties du programme ne sont couvertes que si leur contenu constitue un ouvrage fondé sur le Programme (indépendamment du fait qu'il ait été réalisé par l'exécution du Programme). La validité de ce qui précède dépend de ce que fait le Programme.

**Article 1**

Vous pouvez copier et distribuer des copies l'identique du code source du Programme tel que vous l'avez reçu, sur n'importe quel support, du moment que vous apposiez sur chaque copie, de manière ad hoc et parfaitement visible, l'avis de droit d'auteur adquat et une exonération de garantie; que vous gardez intacts tous les avis faisant référence la présente Licence et l'absence de toute garantie; et que vous fournissiez tout destinataire du Programme autre que vous mème un exemplaire de la présente Licence en mème temps que le Programme.

Vous pouvez faire payer l'acte physique de transmission d'une copie, et vous pouvez, à votre discrition, proposer une garantie contre rémunération.
Vous pouvez modifier votre copie ou des copies du Programme ou n'importe quelle partie de celui-ci, crant ainsi un ouvrage fond sur le Programme, et copier et distribuer de telles modifications ou ouvrage selon les termes de l'<link linkend="sect1">Article 1</link> ci-dessus, condition de vous conformer galement chacune des obligations suivantes: <orderedlist numeration="loweralpha">
  <listitem>
    <para>Vous devez munir les fichiers modifis d'avis bien visibles stipulants que vous avez modifi ces fichiers, ainsi que la date de chaque modification;</para>
  </listitem>
  <listitem>
    <para>Vous devez prendre les dispositions ncessaires pour que tout ouvrage que vous distribuez ou publiez, et qui, en totalit ou en partie, contient ou est fond sur le Programme - ou une partie quelconque de ce dernier - soit concd comme un tout, titre gratuit, n'importe quel tiers, au titre des conditions de la prsente Licence;</para>
  </listitem>
  <listitem>
    <para>Si le programme modifi lit habituellement des instructions de faon interactive lorsqu'on l'excute, vous devez, quand il commence son exucion pour ladite utilisation interactive de la manire la plus usuelle, faire en sorte qu'il imprime ou affiche une announce comprenant un avis de droit d'auteur ad hoc, et un avis stipulant qu'il n'y a pas de garantie (ou bien indiquant que c'est vous qui fournissez la garantie), et que les utilisateurs peuvent redistribuer le programme en respectant les prsentes obligations, et expliquant l'utilisateur comment voir une copie de la prsente Licence. <note>
      <title>Exception:</title>
      <para>Si le Programme est lui-mme interactif mais n'imprime pas habituellement une telle annonce, votre ouvrage fond sur le Programme n'est pas oblig d'imprimer une annonce.</para>
    </note></para>
  </listitem>
</orderedlist>

Ces obligations s'appliquent l'ouvrage modifi pris comme un tout. Si des lments identifables de cet ouvrage ne sont pas fondes sur le Programme et peuvent raisonnablement tre considres comme des ouvrages indpendants distincts en eux mmes, alors la prsente Licence et ses conditions ne s'appliquent pas ces lments lorsque vous les distribuez en tant qu'ouvrages distincts. Mais lorsque vous distribuez ces mmes lments comme partie d'un tout, lequel constitue un ouvrage fond sur le Programme, la distribution de ce tout doit tre soumise aux conditions de la prsente Licence, et les autorisations qu'elle octroie aux autres concessionnaires s'endent l'ensemble de l'ouvrage et par consquent chaque et toute partie indiffrement de qui l'a crite.

Par consquent, l'objet du prsent article n'est pas de revendiquer des droits ou de contester vos droits sur un ouvrage entirement crit par vous; son objet est plutt d'exercer le droit de contrler la distribution d'ouvrages dris ou d'ouvrages collectifs fonds sur le Programme.

De plus, la simple proximit du Programme avec un autre ouvrage qui n'est pas fond sur le Programme (ou un ouvrage fond sur le Programme) sur une partition d'un espace de stockage ou un support de distribution ne place pas cet autre ouvrage dans le champ d'application de la prsente Licence.
Vous pouvez copier et distribuer le Programme (ou un ouvrage fond sur lui, selon l'Article 2 ci-dessus) sous forme de code objet ou d'exécutable, selon les termes des Articles 1 et 2 ci-dessus, condition que vous accomplissiez l'un des points suivants:

- L'accompagner de l'intégralité du code source correspondant, sous une forme lisible par un ordinateur, lequel doit être distribué au titre des termes des Articles 1 et 2 ci-dessus, sur un support habituellement utilisé pour l'échange de logiciels; ou,

- L'accompagner d'une proposition écrite, valable pendant au moins trois ans, de fournir tout tiers, un tarif qui ne soit pas supérieur à ce que vous cotez l'acte physique de réaliser une distribution source, une copie intégrale du code source correspondant sous une forme lisible par un ordinateur, qui sera distribuée au titre des termes des Articles 1 et 2 ci-dessus, sur un support habituellement utilisé pour l'échange de logiciels; ou,

- L'accompagner des informations reçues par vous concernant la proposition de distribution du code source correspondant. (Cette solution n'est autorisée que dans le cas d'une distribution non-commerciale et seulement si vous avez reçu le programme sous forme de code objet ou d'exécutable accompagné d'une telle proposition - en conformité avec le sous-Article b ci-dessus.)

Le code source d'un ouvrage désigne la forme favorite pour travailler des modifications de cet ouvrage. Pour un ouvrage exécutable, le code source intégral désigne la totalité du code source de la totalité des modules qu'il contient, ainsi que les ventuels fichiers de définition des interfaces qui y sont associés, ainsi que les scripts utilisés pour contrôler la compilation et l'installation de l'exécutable. Cependant, par exception spéciale, le code source distribué n'est pas censé inclure quoi que ce soit de normalement distribué (que ce soit sous forme source ou binaire) avec les composants principaux (compilateur, noyau, et autre) du système d'exploitation sur lequel l'exécutable tourne, moins que ce composant lui-même n'accompagne l'exécutable.

Si distribuer un exécutable ou un code objet consiste à offrir un accès permettant leur copie depuis un endroit particulier, alors l'offre d'un accès équivalent pour copier le code source depuis le même endroit compte comme une distribution du code source - même si les tiers ne sont pas contraints de copier le source en même temps que le code objet.

Vous ne pouvez copier, modifier, concéder en sous-licence, ou distribuer le Programme, sauf tel qu'expressément prévu par la présente Licence. Toute tentative de copier, modifier, concéder en sous-licence, ou distribuer le Programme d'une autre manière est réputée non valable, et met immédiatement fin vos droits au titre de la présente Licence. Toutefois, les tiers ayant reçu de vous des copies, ou des droits, au titre de la présente Licence ne verront pas leurs autorisations reliées aussi longtemps que ledits tiers se comportent pleinement celle.
<title>Article 5</title>

<para>Vous n'êtes pas oblig d'accepter la présente Licence tant que vous ne l'avez pas signé. Cependant, rien d'autre ne vous accorde l'autorisation de modifier ou distribuer le Programme ou les ouvrages fondés sur lui. Ces actions sont interdites par la loi si vous n'acceptez pas la présente Licence. En conséquence, en modifiant ou distribuant le Programme (ou un ouvrage quelconque fond sur le Programme), vous signifiez votre acceptation de la présente Licence en le faisant, et de toutes ses conditions concernant la copie, la distribution ou la modification du Programme ou d'ouvrages fondés sur lui.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Article 6</title>

<para>Chaque fois que vous redistribuez le Programme (ou n'importe quel ouvrage fond sur le Programme), une licence est automatiquement concédée au destinataire par le concédant originel de la licence, l'autorisant copier, distribuer ou modifier le Programme, sous réserve des présentes conditions. Vous ne pouvez imposer une quelconque limitation supplémentaire l'exercice des droits octroyés au titre des présentes par le destinataire. Vous n'avez pas la responsabilité d'imposer le respect de la présente Licence des tiers.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Article 7</title>

<para>Si, conséquemment une décision de justice ou l'allégation d'une transgression de brevet ou pour toute autre raison (non limitée un problème de brevet), des obligations vous sont imposées (que ce soit par jugement, conciliation ou autre) qui contredisent les conditions de la présente Licence, elles ne vous excusent pas des conditions de la présente Licence. Si vous ne pouvez distribuer de manière satisfaisante simultanément vos obligations au titre de la présente Licence et toute autre obligation pertinente, alors il en découle que vous ne pouvez pas du tout distribuer le Programme. Par exemple, si une licence de brevet ne permettait pas une redistribution sans redevance du Programme par tous ceux qui reçoivent une copie directement ou indirectement par votre intermédiaire, alors la seule façon pour vous de satisfaire la fois la licence du brevet et la présente Licence serait de vous abstenir totalement de toute distribution du Programme.</para>

<para>Si une partie quelconque de cet article est tenue pour nulle ou inopposable dans une circonstance particulière quelconque, l'intention est que le reste de l'article s'applique. La totalité de la section s'appliquera dans toutes les autres circonstances.</para>

<para>Cet article n'a pas pour but de vous induire à transgresser un quelconque brevet ou d'autres revendications un droit de propriété ou contester la validité de la moindre de ces revendications; cet article a pour seul objectif de protéger l'intégrité du système de distribution du logiciel libre, qui est mis en œuvre par la pratique des licences publiques. De nombreuses personnes ont fait de généreuses contributions au large spectre de logiciels distribués par ce système en se fiant l'application cohérente de ce système; il appartient chaque auteur/donateur de décider si il ou elle veut distribuer du logiciel par l'intermédiaire d'un quelconque autre système et un concessionnaire ne peut imposer ce choix.</para>

<para>Cet article a pour but de rendre totalement limpide ce que l'on pense être une conséquence du reste de la présente Licence.</para>

</sect2>
Si la distribution et/ou l'utilisation du Programme est limitée dans certains pays que ce soit par des brevets ou par des interfaces soumises au droit d'auteur, le titulaire originel des droits d'auteur qui décide de couvrir le Programme par la présente Licence peut ajouter une limitation géographique de distribution explicite qui exclue ces pays afin que la distribution soit permise seulement dans ou entre les pays qui ne sont pas ainsi exclus. Dans ce cas, la présente Licence incorpore la limitation comme si elle tait crite dans le corps de la présente Licence.

La Free Software Foundation peut, de temps autre, publier des versions rvisées et/ou nouvelles de la Licence Publique Générale. De telles nouvelles versions seront similaires la présente version dans l'esprit mais pourront différer dans le détail pour prendre en compte de nouvelles problématiques ou inquiétudes.

Chaque version possède un numéro de version la distinguant. Si le Programme précise le numéro de version de la présente Licence qui s'y applique et une version ultérieure quelconque, vous avez le choix de suivre les conditions de la présente version ou de toute autre version ultérieure publie par la Free Software Foundation. Si le Programme ne spécifie aucun numéro de version de la présente Licence, vous pouvez choisir une version quelconque publie par la Free Software Foundation quelque moment que ce soit.

Si vous souhaitez incorporer des parties du Programme dans d'autres programmes libres dont les conditions de distribution sont différentes, créez l'auteur pour lui en demander l'autorisation. Pour les logiciels dont la Free Software Foundation est titulaire des droits d'auteur, créez la Free Software Foundation; nous faisons parfois des exceptions dans ce sens. Notre décision sera guidée par le double objectif de préserver le statut libre de tous les dris de nos logiciels libres et de promouvoir le partage et la réutilisation des logiciels en général.

COMME LA LICENCE DU PROGRAMME EST CONCDE TITRE GRATUIT, AUCUNE GARANTIE NE S'APPLIQUE AU PROGRAMME, DANS LES LIMITES AUTORISEES PAR LA LOI APPLICABLE. SAUF MENTION CONTRAIRE CRITE, LES TITULAIRES DU DROIT D'AUTEUR ET/OU LES AUTRES PARTIES FOURNISSENT LE PROGRAMME <quote>TTELUEL</quote>, SANS AUCUNE GARANTIE DE QUELQUE NATURE QUE CE SOIT, EXPRESSE OU IMPLICITE, Y COMPRIS, MAIS SANS Y TRE LIMIT, LES GARANTIES IMPLICITES DE MARCHANDABILIT ET D'ADQUATION UN OBJECTIF PARTICULIER. VOUS ASSUMEZ LA TOTALIT DES RISQUES LIS LA QUALIT ET AUX PERFORMANCES DU PROGRAMME. SI LE PROGRAMME SE RVLAIT DFECTUEUX, LE COT DE L'ENTRETIEN, DES RPRATIONS OU DES CORRECTIONS NCESSAIRES VOUS INCOMPET INTRGALEMENT.
EN AUCUN CAS, SAUF LORSQUE LA LOI APPLICABLE OU UNE CONVENTION CRITE L’EXIGE, UN TITULAIRE DE DROIT D’AUTEUR QUEL QU’IL SOIT, OU TOUTE PARTIE QUI POURRAIT MODIFIER ET/OU REDISTRIBUER LE PROGRAMME COMME PERMIS CI-DESSUS, NE POURRAIT TRE TENU POUR RESPONSABLE VOTRE GARD DES DOMMAGES, INCLUANT LES DOMMAGES GNRIQUES, SPRIQUES, SECONDAIRES OU CONSCUTIFS, RSULTANT DE L’UTILISATION OU DE L’INCAPACIT D’UTILISER LE PROGRAMME (Y COMPRIS, MAIS SANS Y TRE LIMIT, LA PERTE DE DONNES, OU LE FAIT QUE DES DONNES SOIENT RENDUES IMPRCISES, OU LES PERTES PROUDES PAR VOUS OU PAR DES TIERS, OU LE FAIT QUE LE PROGRAMME CHOUE INTER PRER AVEC UN AUTRE PROGRAMME QUEL QU’IL SOIT) MME SI LE DIT TITULAIRE DU DROIT D’AUTEUR OU LE PARTI CONCERN A T AVERTI DE L’VENTUALIT DE TELS DOMMAGES.
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De meesten Programmlizenzen sind so opgeschreven, dat se ji de Frieheit nehmen, de Programme an annere Lt to verdeelen or to vernern. Op de anner Siet schall ji de GNU Public License, de Allgemeene penliche Lizenz, gerade dsse Frieheit garanteren.
De meeste Programmlizenzen smds so opschreven, dat se ji de Frieheit nehmen, de Programme an annere Lt to verdeelen or to vernern. Op de annere Siet schall ji de GNU Public License, de Allgemeene penliche Lizenz, gerade dsse Frieheit garanteren. Se schall sekkern, dat de Programme fr all Brukers frie snd. Dsse Lizenz gilt fr de grootsten Deel vun de Programme, de vun de Free Software Foundation rutgeven warrt, un fr all de annern Programme, de vun Lt schreven warm, de ehr' Datenwerk unner dsse Lizenz stellt hebben. Ook ji knnst dssen Weg as Lizenzener fr dien Programme bruken. (Een annere Deel vun de Programme vun de Free Software Foundation unnerliggt aver de GNU Library General Public License, de Allgemeenen penlichen GNU-Lizenz fr Bkerien.)

De Beteken "frie" Programme betreckt sik op Frieheit, nich op de Pries. Use Lizenzen schalln de Frieheit garanteeren, Kopien vun frien Programmen to verbreeden (un ook wat fr dssen Deenst to berekenn, wenn je dat wullst), de Mglllichkeit, de Programme as Welltext to kregen or de Welltext to kregen, wenn je dat wullst. De Lizenzen schalln garanteren, dat je de Programme nnern or Deels vun in neje frie Programmen bruken knnst - un dat je weeten deist, dat 'at tolaten is, dat je 'at allens maken knnst.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps:

1. Copyright the software, and
2. Offer you this license which gives you legal permission to copy, distribute and/or modify the software.
Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The <quote>Program</quote>, below, refers to any such program or work, and a <quote>work based on the Program</quote> means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term <quote>modification</quote>.) Each licensee is addressed as <quote>you</quote>.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.
You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

Je kunt de eegentlichen Kopervorgang eene Gebhr kregen. Wenn je dat wullst, knnst je ook fr eene Gebhr eene Garantie fr dat Programm anbeeden.

You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program...
under these conditions, and telling the user how to view a copy of this License.

<note>
<title>Exception:</title>
<para>
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
</para>
</note>

<para>
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
</para>

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

<para>
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>

<sect2 id="sect3" label="3">
<title>Paragraph 3</title>

<para>
You may copy and distribute the Program (or a work based on it, under
</para>
</sect2>
you also do one of the following:

<orderedlist numeration="loweralpha">
  <listitem>
    <para>
      Accompany it with the complete corresponding machine-readable source code, which
      must be distributed under the terms of Sections 1 and 2 above on a medium
      customarily used for software interchange; or,
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany it with a written offer, valid for at least three years, to give any
      third party, for a charge no more than your cost of physically performing source
      distribution, a complete machine-readable copy of the corresponding source code,
      to be distributed under the terms of Sections 1 and 2 above on a medium customarily
      used for software interchange; or,
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany it with the information you received as to the offer to distribute
      corresponding source code. (This alternative is allowed only for noncommercial
      distribution and only if you received the program in object code or executable form
      with such an offer, in accord with Subsection b above.)
    </para>
  </listitem>
</orderedlist>

<para>
The source code for a work means the preferred form of the work for making modifications
to it. For an executable work, complete source code means all the source code for all modules
it contains, plus any associated interface definition files, plus the scripts used to control
compilation and installation of the executable. However, as a special exception, the source
code distributed need not include anything that is normally distributed (in either source or
binary form) with the major components (compiler, kernel, and so on) of the operating system
on which the executable runs, unless that component itself accompanies the executable.
</para>

<para>
If distribution of executable or object code is made by offering access to copy from a
designated place, then offering equivalent access to copy the source code from the same place
counts as distribution of the source code, even though third parties are not compelled to
copy the source along with the object code.
</para>
</sect2>
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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a *work based on the library* and a *work that uses the library*. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does.
and what the program that uses the Library does.
</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Secci 1</title>
<para>Podeu copiar i distribuir còpies literals del codi font de la biblioteca tal com el rebeu, en qualsevol mitjà, sempre que publiqueu en cada còpia, de manera adient i ben visible, una nota de copyright i una renúncia de garantia; manteniu intactes tots els avisos que fan referència a aquesta llicència i a l'absència de garanties de cap mena; i distribueu una còpia d'aquesta llicència juntament amb la biblioteca.</para>

<para>Podeu cobrar un preu per l'acte físic de trametre una còpia i podeu, si així ho volueu, oferir alguna garantia a canvi d'un preu. </para>
</sect2>

<sect2 id="sect2" label="2">
<title>Secci 2</title>
<para>Podeu modificar la còpia o còpies de la biblioteca o qualsevol tros de la biblioteca i, així, fer una obra basada en la biblioteca, i podeu copiar i distribuir aquestes modificacions o obres sota els termes de la Secció 1 anterior, sempre que també compliu les condicions següents: The modified work must itself be a software library.

The modified work must itself be a software library.
</para>
</sect2>
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

Aquests requeriments afecten l'obra modificada com un tot. Si hi ha parts identificables que no estan derivades de la biblioteca, i es poden considerar raonablement com a obres independents i separades en si mateixes, aleshores aquesta llicència i els seus termes no s'apliquen a aquelles parts quan les distribuïu com a obres separades. Per quan distribuïu aquestes mateixes parts integrades en un tot que sigui una obra basada en la biblioteca, la distribució del tot s'ha de fer d'acord amb els termes d'aquesta llicència, i els permisos atorgats a altres beneficiaris abasten el tot sencer i, per tant, totes i cadascuna de les parts, independentment de qui les hagi escrites.

Així doncs, la intenció d'aquesta secció no s'hi reclamar o disputar-vos cap dret a codi que hagiu escrit del tot vs mateix. La intenció més aviat exercir el dret a controlar la distribució d'obres derivades o collectives basades en la biblioteca.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

<para>
This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.
</para>
</sect2>

<sect2 id="sect4" label="4">
<title>Secci 4</title>

<para>
You may copy and distribute the Library (or a portion or
derivative of it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of Sections
<link linkend="sect1">1</link> and
<link linkend="sect2">2</link> above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above on a
medium customarily used for software interchange.
</para>

<para>
If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.
</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Secci 5</title>

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

<para>
However, linking a <quote>work that uses the Library</quote> with the Library creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a <quote>work that uses the library</quote>. The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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

<orderedlist numeration="loweralpha">
  <listitem>
    <para id="sect6a">
      Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above); and, if the work is an executable linked with the Library, with the complete machine-readable <quote>work that uses the Library</quote>, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
    </para>
  </listitem>
  <listitem>
    <para>
      Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing this distribution.
    </para>
  </listitem>
  <listitem>
    <para>
      If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above
specified materials from the same place.
</para> </listitem> </listitem> </para> 

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
</para> </listitem> </orderedlist> </para> 

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

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

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<para>
</para> 

<listitem>
<para>
</para>
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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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<para></para>
</sect2>

<sect2 id="sect11" label="11">
<title>Secci 11</title>

<para>Si, a conseqüència d'una decisi judicial, una demanda per infracció d'una patent o per qualsevol altra ra (no exclusivament relacionada amb patents), se us imposen condicions (tant si s per ordre judicial, acord, o el que sigui) que contradiuen les condicions d'aquesta llicència, no quedeu excusat de les condicions d'aquesta llicència. Si no us s possible distribuir de manera que satisfuei alhora les obligacions que us imposa aquesta llicència i qualsevol altra obligació pertinent, aleshores no podeu distribuir el programa en absolut. Per exemple, si una llicència de patent no permet redistributeix la biblioteca a aquells que hagin rebut còpies de vs directament o indirectament, aleshores la nica manera en qu podreu satisfereu tant aix com aquesta llicència seria abstenir-vos completament de distribuir la biblioteca. </para>

<para>Si qualsevol fragment d'aquesta secció queds invalidat o no es pogus fer complir en qualsevol circumstància particular, la intenci s que s'apliqui el balan de la secció, i que s'apliqui la secció en la seva totalitat en altres circumstàncies. </para>

<para>El propòsit d'aquesta secció no s induir-vos a infringir cap patent ni cap altre requeriment del dret a la propietat, o a discutir-ne la validesa; l'unic propòsit d'aquesta secció s protegir la integritat del sistema de distribució de programari lliure, que s'implementa amb pràctiques de llicència pública. Molta gent ha fet generoses contribucions a l'ampli ventall de programari distribuït per aquest sistema refiant-se de l'aplicació consistènt del sistema; li pertoca a l'autor, autora o donant decidir si vol distribuir programari per algun altre sistema, i un beneficiari de la llicència no pot imposar aquesta elecció. </para>

<para>Aquesta secció pretén deixar del tot clar el que es considera una conseqüència de la resta de la llicència. </para>
</sect2>

<sect2 id="sect12" label="12">
<title>Secci 12</title>

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</sect2>

<sect2 id="sect13" label="13">
<title>Secci 13</title>

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A jelen Licenc a szabad szoftverek kziknyveihez val hasznlatra kszlt, hiszen a szabad szoftver egyben szabad dokumentcit is ignel: egy szabad programot olyan kziknyvvel kell elltni, amely ugyanazon szabadsgokat biztosjtja, mint maga a program. Mindazonltal a jelen Licenc nem korltozd pusztn kziknyvekre; felttelei tetszleges trgykr rott dokumentumra alkalmazhatk, fggetlenl attl, hogy az knyvformban valaha megjelent-e. Mindamellett e Licencet fnt olyan munkkhoz ajnljuk, melyek elsdleg clja az tmutats vagy a tjkoztats.
amely tartalmazza a Dokumentumot, vagy annak elemeit akr sz szerint, akr mdostsokkal, s/vagy ms nyelvre lefordtva.</para>

<para id="fdl-secondary">A <quote>Msodlagos szakasz</quote> egy egyedi növel br fggelek, esetleg a <link linkend="fdl-document">Dokumentum</link> egy bevezet szakasza, amely kizrlag a kiadknak, vagy az alkotknak a Dokumentum ftog trgykrhez (vagy kapsold tmkhoz) fzd viszonyrsl szl, s nem tartalmaz semmi olyat, ami kuetvenl ezen tfog tmak al eshet. (Vagyis ha a Dokumentum rszb en egy matematika-tanknyv, akkor a Msodlagos szakasz nem tartalmazhat matematikai trgy magyarzatokat). A fenti kapcsolat trgya lehet a tmakrel, vagy a kapsold tmkkal val trtnelmi viszony, illetve az azokra vonatkoz jogi, kereskedelmi, filozfiai, etikai, vagy politikaielfogs.</para>

<para id="fdl-invariant">A <quote>Nem Vltoztathat szakaszok</quote> olyan <link linkend="fdl-secondary">Msodlagos szakaszok</link>, amelyek cme Nem Vltoztathat szakaszkt van megjell abban a kzlemnyben, amely szerint a <link linkend="fdl-document">Dokumentum</link> a jelen Licenc hatlya alatt lett kiadva.</para>

<para id="fdl-cover-texts">A <quote>Bortszvegek</quote> olyan rvid szvegrszek, melyek Cmlapszvegknt, illetve Htlapszvegknt kerlnk felsorolsa a kzlemnyben, amely szerint a <link linkend="fdl-document">Dokumentum</link> a jelen Licenc hatlya alatt lett kiadva.</para>

<para id="fdl-transparent">A <link linkend="fdl-document">Dokumentum</link> <quote>tltsz</quote> pldnya olyan gppel olvashat vltozatot jelent, amely a nyilvnossz szmra hozzfrhet formtumban kerl terjesztsre, tovbb amelynek tartalma alkalmas a szokvnvos szvegszerkeszt-programokkal, illetve (pixelekbl II kpek esetn) szokvnvos kpmegjelent-programokkal, vagy (rajzok esetn) ltalnosan hozzfrhet rajzprogramok segtsgvel azonlnl s kветven vltoztatsokra; tovbb olyan formtumban mely alkalmas a szvegszerkesztkbe val bevitelre, vagy a szvegszerkesztk Ital kezelt formtumokra val automatikus talaktsa. Egy olyan, egybknt tltsz formtumban kszt plndy, melynek a jellnyelve vagy ennek hinya gy lett kialakta, hogy megakadlyozza, vagy eltntortsa az olvaskat minden tovbbi mdoststl, nem tekinthet tltsznak. A nem <quote>tltsz</quote> plndyo az <quote>tltszatlan</quote> megnevezst kapj.</para>

<para az tltszsg kritriumainak megfelel formtumok kztt megtallhat pldul a jellnyelvet nem hasznl egyszer ASCII, a Texinfo beviteli formtum, a LaTeX beviteli formtum, az SGML vagy az XML egy ltalnosan hozzfrhet DTD hasznlatval, s a szabvnynak megfelel, emberi mdostra tervezett egyszer HTML, PostScript vagy PDF. tltsz kpformtumokra plda a PNG, XCF s a JPG. Az tltszatlan formtumok kz sorolhatak a a szellemi tulajdont kpez formtumok, amelyeket csak szellemi tulajdont kpez szvegszerkesztkkel lehet elolvasni, az olyan SGML vagy XML, amelyhez a szkgs DTD s/vagy egyb feldolgoz eszkzkk ezeknnek nem ltalnosan hozzfrhetk, s az olyan gjpe generlt HTML, PostScript vagy PDF formtum, amely kizrlag egyes szvegszerkesztk kimeneti formtumaknt ll el.</para>

<para id="fdl-title-page">Egy nyomtatott knyv esetben a <quote>Cmlap</quote> plndy, illetve brmely azt kiegszto oldalt jelli, amely a jelen Licencben elrt cmlaptartalom kzztelhez szkgs. Az olyan formtum munkml, amelyek nem rendelkeznek effajta cmlappal, a <quote>Cmlap</quote> a munka cmnek legjobban kiemelt vltozathoz legkzelebb es, m a szveg trzst megel szvegszerkezet jelli.</para>

<sect1 id="fdl-section2" label="2">
<title>SZ SZERINTI SOKSZOROSTS</title>
<para>
Egy nyomtatott knyv esetben a <quote>Cmlap</quote> magt a cmlapot, illetve brmely azt kiegszto oldalt jelli, amely a jelen Licencben elrt cmlaptartalom kzztelhez szkgs. Az olyan formtum munkml, amelyek nem rendelkeznek effajta cmlappal, a <quote>Cmlap</quote> a munka cmnek legjobban kiemelt vltozathoz legkzelebb es, m a szveg trzst megel szvegszerkezet jelli.</para>
</sect1>
megjelenik, s hogy ezeken kvl semmilyen feltett nem szab meg a szvegez. Nem alkalmazhat olyan technikai eszkzket, amelyekkel megakadlyozhat vagy szabolyozhat az n Ittel terjesztett pldnok elolvassa vagy sokszoroszt. Mindazonlat elfogadhat ellenszolgltatst a mslatokr t cserbe. Amennyiben az n Ittel terjesztett pldnok szma meghalad egy bizonyos mennyisget, gy a <link linkend="fdl-section3">3. szakasz</link> feltteleinek is eleget kell tennie.</para>

A fenti feltteleket betartva kicsnzhet is pldnokat, de akr nyilvnosan is kzzteheti a szveget.</sect1>

### 3. szakasz

Amennyiben 100-nl tbb nyomtatott pldnyt (vagy olyan adathordozn tallhat pldnokat, amelyeknek jellemez van nyomtatott cmlapjuk) tesz kzz a <link linkend="fdl-document">Dokumentumbl</link>, s a dokumentum Licence felttelt szabja a Bortszevegek meglt, gy minden egyes pldnyt kteles elltni olyan bortlapokkal, amelyeken a kivetkez <link linkend="fdl-cover-texts">Bortszvegek</link> tisztn s olvashat fel vannak tntetve: Cmlapszevek a cmalon, illetve Htlapszevek a htlapon. Mindkdt bortlapra egyerteml s olvashatn r kell vezetnie a kiad, vagyis jelen esetben az n nevt. A cmalon a Dokumentum teljes cmnek szerepelnie kell, s a cm minden szavnak egyformn kiemeltnek s lthatnak kell lennie. Ezen fell, beltsa szerint, tovbbi rszleteket is hozzadhat a bortlapokhoz. Amennyiben az esetleges mdostok kizrlag a bortlapokat rintik, s feltve, hogy a <link linkend="fdl-document">Dokumentum</link> cme vltozatlan marad, tovbb a bortlapok megfelelennek minden egyb kvetelmnynek, gy a sokszorosts ett eltekinve sz szerinti sokszorostsnak minsl. </para>

Abban az esetben, ha a bortlapok brmelyikn megkvetelt szegvrez kl hossznak bizonyulnnak az olvashat kzzitelhez, gy csak az elsnt felsoroltakat kell felntetnie (amennyi jzan belts szerint elfr) a tnyleges bortn, a tovbbaid pedig tkerlhetnek a kivetkez oldalakra.</sect1>

Amennyiben 100-nl tbb <link linkend="fdl-transparent">tltszatlan</link> pldnyt tesz kzz, vagy terjesz a <link linkend="fdl-document">Dokumentumbl</link>, gy kteles vagy egy gppel olvashat <link linkend="fdl-transparent">tltszatlan</link> pldnyt mellkelni minden egyes tltszatlan pldnhyoz, vagy lerni minden egyes tltszatlan pldnynban egy, a mdostatlan tltsz pldnyt tartalmaz olyan szmtp-hlzat elhets, amely elhert az ltlnos hlzati felhasznlk szmsa, s onnan nyilvnsz szabny hlzati protokollok segtsgvel a Dokumentum hozzadott anyagok nlki, teljes vltozata lettithet. Ha az utbbi lehetset vlasztja, kteles gondoskodni arrl, hogy attl a naptl kezdve, amikor az utols tltszatlan pldn ny terjesztsre kerlt (akr kkvetlennl n Ital, akr kiskereskedelmi forgalomban), a fenti helyen kzztt tltsz pldn mg legalbb egy vig hozzfrhet legyen a felhasznlk szmra.</sect1>

Megkrr, mde nem ktelezzk nt arra, hogy minden esetben, amikor nagyobb pldnyszsz terjesztsbe kezd, mr jval ezt megelzen lpjen kapcsolatba a <link linkend="fdl-document">Dokumentum</link> szerzivel, annak rdekben, hogy megkaplassa tlk a Dokumentum esetleges jabb vltozatt.</sect1>

### 4. szakasz

Amennyiben e van a <link linkend="fdl-document">Dokumentum</link> <link linkend="fdl-modified">Mdostott</link> Vltozatnak sokszorostsra s terjesztsre a <link linkend="fdl-section2">2. szakasz</link> feltve, hogy a Mdostott Vltozatot kizrlag jelen Licenc feltteleivel szszhangban tesz kzz, ahol a Mdostott Vltozat a Dokumentum szerept tli be, eztal lehetsget biztosva annak terjesztsre s mdostsra brkinek, aki csak hozzjut egy pldnhyoz. Mindezen fell, a Mdostott Vltozat az albbi kvetelmnyeknek is meg kell, hogy feleljen:
A <link linkend="fdl-title-page">Cmlapon</link> (s ha van, a bortkon) tntessen fel egy a <link linkend="fdl-document">Dokumentumt</link>, illetve brmely korbbi vltozatt eltr cmet (amelyeknek, ha vannak, a Dokumentum Elzmnyek szakaszban kell szerepelnik). Egy korbbi vltozat cmt csak akkor hasznhatja, ha annak szerzje engedlyezte azt.</para>

A <link linkend="fdl-title-page">Cmlapon</link> szerzknt sorolja fel a <link linkend="fdl-modified">Mdostott Vltozatban</link> elvgzett vltozatsokt felels termszetes vagy jogi szemlyeket, tovbb a <link linkend="fdl-document">Dokumentum</link> f szerzi kzl legkevesebb tt (vagy mindet, ha tnl kevesebben vannak) kivve, ha ezen felttel all k nt felmentik.</para>

A <link linkend="fdl-title-page">Cmlapon</link> a <link linkend="fdl-modified">Mdostott Vltozat</link> kzztelrt felels szemlyt tntesse fel kiadknt.</para>

A <link linkend="fdl-document">Dokumentum</link> sszes szerzi jogi figyelmeztetst hagyjarintetlenl.</para>

Sajt mdostsaira vonatkozan is tegyen kzz egy szerzi jogi megjegyzst, a tbbi ilyen jelleg figyelmeztets mellett.</para>

Rgtn a szerzi jogi figyelmeztetsetek kveten tntessen fel egy kzemnyt, az albbi Fggelk mintjra, amelyben engedlyezi a <link linkend="fdl-modified">Mdostott Vltozat</link> felhasznlst a jelen Licenc feltteleinek megfelelen.</para>

A fenti kzemnyben hagyjarintetlenl a <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszok s a szksges <link linkend="fdl-cover-texts">Bortszvegek</link> a jelen <link linkend="fdl-document">Dokumentum</link> licencben eltr teljes listjt.</para>

Mellkelje a jelen Licenc egy eredeti plnyt.
Az <quote>Elzmnyek</quote> elnevez szakasz, illetve annak cmt szintn hagyja rintetlenl, emellett adjon hozz egy j elemet, amely minimilisan tartalmazza a <link linkend="fdl-modified">Mdostott Vltozat</link> cmt, kiadsi vt, tovbb az j szerzik, illetve a kiad nevt, a <link linkend="fdl-title-page">Cmlapon</link> lthatkhoz hasonlan. Amennyiben a <link linkend="fdl-document">Dokumentum</link> nem tartalmaz semmifile <quote>Elzmnyek</quote> elnevez szakasz, gy hozzon ltre egyet, amely tartalmazza a Dokumentum cmt, kiadsi vt, tovbb a szerzik, illetve a kiad nevt, a Cmlapon lthatkhoz hasonlan; majd ezt kveten adjon hozz egy j, a Mdostott Vltozatra vonatkoz elemet, a fentiekkel szszhangban.</para>

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<para>Ne tegyen vltoztatsokat a <link linkend="fdl-document">Dokumentumban</link> megadott <link linkend="fdl-transparent">tltsz pldny</link> nyilvnos hlzati elrhetsgt (ha van ilyen) illeten, vagy hasonlkpp, a Dokumentum alapjul szolgl korbbi vltozatok hlzati helyre vonatkozan. Ezek az <quote>Elzmnyek</quote> szakaszban is szerepelhetnek. Csak abban az esetben hagynja el egyes korbbi vltozatok hlzati elrhetsgt, ha azok legkevesebb ny vvel a Dokumentum elt kszltek, vagy ha maga az alkot engedlyezi azt.</para>

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<para>Brmely <quote>Ksznetnyilvnts</quote>, vagy <quote>Ajnlsok</quote>elnevezs szakasz cmt hagyja rintetlenl, tovbb gondoskodjon arrl, hogy azok tartalma s hangvtele az egyes hozzjrulkat, s/vagy az ajnlsokat illeten vltozatlan maradjon.</para>

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<para>A <link linkend="fdl-document">Dokumentum</link> sszes <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszt hagyja rintetlenl, gy cmket, mint tartalmukat illeten. A szakaszok szmozsa, vagy brmely azzal egyenrtk jells nem tartozik a szakaszcmek kz.</para>

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<para>Trljn minden <quote>Hozzjruls</quote> elnevez szakaszt. Effajta szakaszok nem kpezhetik rszt a <link linkend="fdl-modified">Mdostott Vltozatnak</link>.</para>

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</para>Ha a <link linkend="fdl-modified">Mdostott Vltozat</link> j bevezet szakaszokat tartalmaz, vagy olyan fggelkeket, melyek <link linkend="fdl-secondary">Msodlagos szakasznak</link> minslnek, m nem tartalmaznak a Dokumentumbl szrmaz anyagot, abban az esetben, beltsa szerint, e szakaszok nmelyikt, vagy akr az sszet besorolhatja nem vltoztathatknt. Ehhez nem kell mst tennie, mint felsorolni a szban forg cmeket a <link linkend="fdl-invariant">Mdostott Vltozat</link> licencnek Nem Vltoztathat szakaszok listjban. E cmeknek hatrozottan el kell klnlnie minden egyb szakaszcmtl.</para>

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<para><quote>Hozzjruls</quote> elnevez szakaszt csak akkor adhat a Dokumentumhoz, ha az kizrlag a <link
Mdostott Vltozatra</link> utal megjegyzéseket tartalmaz pl dol msok recenziira vonatkozan, vagy hogy egy szervezet a szveget egy szabvny mrad definicjaknt ismerte el.</para>

Dokumentum</link> szerzi s kiadi ezzel a Licenccel nem jrunnak hozz nev felhasznlsra, a <link linkend="fdl-modified">Mdostott Vltozat</link> <link linkend="fdl-cover-texts">Bortszvegeinek</link> vghez. Brmely termzetes vagy jogi szemly csak s kizrlag egy Cmlapszveg s egy Htlapszveg rszt adhat (akr kzvettn keresztl) a Dokumentumhoz. Ha a <link linkend="fdl-document">Dokumentum</link> mr rendelkezik Bortszveggel ehhez a vltozathoz, mert korban n adta hozz, vagy az a szervezet, amelynek nevben n fellp, akkor nem adat hozz msik Bortszveget; a rgit mindazonltal lecserelheti, abban az esetben, ha az azt hozzad korbbi kiad egyrtelmen engedyezi.</para>

A kzs <link linkend="fdl-document">Dokumentum</link> szerzi s kiadi ezzel a Licenccel nem jrunnak hozz nev felhasznlsra, a <link linkend="fdl-modified">Mdostott Vltozat</link> <link linkend="fdl-cover-texts">Bortszvegeinek</link> vghez, s nem tmogatj azt.</para>
</sect1>

KOMBINLT DOKUMENTUMOK</title>
<para>nnek lehetsge van a <link linkend="fdl-document">Dokumentum</link> egyb, e Licenc hatlya alatt kiadott dokumentumokkal val kimilnsra a <link linkend="fdl-section4">4. szakasz</link> mdostott vltatzokatra vonatkoz rendelkezesei alapjn, feltve, hogy a kombinci mdosts nkl tartalmazza az eredeti dokumentumok sszes <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszt, s hogy azok mind Nem Vltoztathat szakaszkr kerlnek felsorolsra a kombinlt munka licencben, s tartalmazk a hozzjuk tartoz Garancik Kizrsait is.</para>

A kombinlt munknak a jelen Licenc mindssze egy plndyt kell tartalmaznia, az egymssal tfedsben lv <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszok pedig kivlthat egy szegzett plinnyal. Amennyiben tbb Nem Vltoztathat szakasz szerepe szerepelne ugyanazon cmmel, m eltr tartalommal, gy alaksta t minden egyes szakasz cm olyan mdon, hogy mg rja zrbel az eredeti szer s kiad nevt (ha ismeri) vagy egy egyedi sorszmot. Ha szksges, a Nem Vltoztathat szakaszok cmivel is vgeze el a fenti mdostsokat a kombinlt munka licencben.</para>

A kombinlt munkban az eredeti dokumentumok sszes <quote>Elzmnyek</quote> elnevezs szakasz sze kell olvasztania, miltal egy sszegfgy <quote>Elzmnyek</quote> elnevezs szakasz jn ltre; hasonlkpp kell eljnia a <quote>Ksznetnyilvnts</quote>, illetve az <quote>Ajnlsok</quote> elnevezs szakaszok tekintetben. Ugyanakkor minden <quote>Hozzjruls</quote>elnevezs szakasz trlnie kell.</para>
</sect1>

DOKUMENTUMGYJTEMNYEK</title>
<para>nnek lehetsge van a <link linkend="fdl-document">Dokumentum</link>, illetve brmely egyb, a jelen Licenc hatlya alatt kiadott dokumentumbl gyjtemnyt ltrehozni, s az egyes dokumentumokban tallhat licenceket egyetlen plnnyal kivltani, feltve, hogy a gyjtemnyben szerepl sszes dokumentum eset minden ms tekintetben kveti a jelen Licenc fellettele azok sz szerinti sokszorostsra vonatkozan.</para>

Tetsze szerint ki is emelhet egy meghatrozott dokumentumot a gyjtemnybl, tovbb terjesztheti azt jelen Licenc fellettei alapjn, feltve, hogy a szban forg dokumentumhoz melkeli a jelen Licenc egy plndyt, s minden egyb tekintetben betartja jelen Licenc elrsait a dokumentum sz szerinti sokszorostsra vonatkozan.</para>
</sect1>
<sect1 id="fdl-section7" label="7">
<title>SSZEFZS FGGETLEN MUNKKKAL.</title>
<para>A <link linkend="fdl-document">Dokumentum</link> s annak szrmazkainak klnl, vagy fggetlen dokumentumokkal, illetve munkkkal val sszefzse egy kzs trolsi, vagy terjesztsti egysgen nevezend, amennyiben az sszefzs eredmnyekppen rvnyes szerzi jogi felttelek nem korlozak nagyobb mrtkben az sszefzs felhasznlnak jogait, mint annak jogai az egyes szetevk teszik. Amikor a Dokumentum sz e gyjtemnynek, akkor a jelen Licenc nem rvnyes a gyjtemny azon rszeire, amelyek nem a Dokumentumbn szrmaztatott munkk. Amennyiben a <link linkend="fdl-section3">3. szakasz</link> <link linkend="fdl-cover-texts">Bortszvegekre</link> vonatkoz rendelkezsei alkalmazhat a Dokumentum e pldnaira, s a Dokumentum a teljes sszegzsnek kevesebb, mint felt teszi ki, gy a Dokumentum Bortszvegeit olyan mndon is el lehet helyezni a bortkon, hogy azok csak magt a Dokumentumot fogik kze, vagy a bortknak megfelel elektronikus formban, amennyiben a Dokumentum elektronikus formban tallhat. Minden ms esetben a teljes sszegzs bortlapjain kell feltntetni a fenti szvegeket.</para>
</sect1>

<sect1 id="fdl-section8" label="8">
<title>FORDTS</title>
<para>A fordts egyfajta mdostsnak tekinthet, gy a <link linkend="fdl-document">Dokumentum</link> lefordtott pldnai a <link linkend="fdl-section4">4. szakasz</link> rendelkezsei alapjn terjeszthetk. A <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszok lefordthoz kln engedlyt kell krni a szerzi jogtulajdonostl, mindazonltal kzztehetk a lefordott vltozatok is gy, ha az eredeti Nem Vltoztathat szakaszokat is belefoglalja a munka. E Licenc lefordtsra, valamint minden, a Dokumentumbn tartoz Licencmellketre, illetve az esetleges Garancik Kizsaira ugyanez a felttelek rvnyesek, vagyis a lefordott vltozatok csak akkor jelenhetnek meg, ha mellette ott vannak az eredeti, angol nyelv Licenc, a mellkletek s kizsok szvegei is. Amennyiben eltrs mutatkoza az eredeti vltozatok, illetve a fordts kzt, gy a Licenc, a mellkletek s kizsok angol nyelv eredetije tekintend mrvadnak.</para>
</sect1>

<sect1 id="fdl-section9" label="9">
<title>MEGSZNS</title>
<para>A jelen Licencben egyrtelmen kijellt kereteken kvl tilos a <link linkend="fdl-document">Dokumentum</link> brminem sokszorostsa, mdostsa, tovbblicencelse, vagy terjesztse. Minden ezzel szembeni sokszorostsrt, mdostsi, tovbblicencelsi, vagy terjesztsi kslet a jelen Licencben mehatrozott jogok automatikus megsznt vonja maga utn. Ugyanakkor azok a felek, akik nn keresztl jutottak msolathoz vagy jogosultsgokhoz, nem vesztik el azokat, amg maradktalanul betartjk e Licenc elrsait.</para>
</sect1>

<sect1 id="fdl-section10" label="10">
<title>JELEN LICENC JVBENI JAVTSAI</title>
</sect1>

<para>A Licenc minden vltozata egyedi verziszmal van elltva. Ha a <link linkend="fdl-document">Dokumentum</link> jelen Licenc egy konkrt, szmozott verzijra <quote>vagy brmely jabb verzira</quote> hivatkozik, gy nnek a szban forg vltozat, vagy brmely jabb a Free Software Foundation ital (nem
vzlaknt) kiadott verzi felteteinek kvetsre lehetsge van. Ha a Dokumentum nem ad meg semmilyen verziszmot, gy
brmely, a Free Software Foundation ltal valaha (nem vzlaknt) kiadott vtzoat megfelel.</para>
</sect1>

<sect1 id="fdl-using" label="none">
<title>Fggelk</title>
<para>Ha a jelen Licencet egy n ltal rt dokumentumban kvnja hasznlni, akkor mellkelje hozz a Licenc egy pldnnyt, 
tovbb vezesse r az albbi szerzi jogi s licenckzlemnyeket, rgtn a cmlapot kveten:</para>
</sect1>

<blockquote>
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<para>Engedlyt adunk nnek a jelen dokumentum sokszorostsra, terjesztsre s/vagy mdostrsa a Free Software 
Foundation ltal kiadott GNU FDL 1.1-es, vagy brmely azt kvet verzijnak felttelei alapjn. Nincs <link linkend="fdl-
invariant">Nem Vltoztathat</link> szakasz, nincs <link linkend="fdl-cover-texts">Cmlapszveg</link>, nincs <link 
linkend="fdl-cover-texts">Htlapszveg</link>. A jelen licenc egy pldnnyt a <quote>GNU Free Documentation 
License</quote> elnevez szakasz alatt tallja.</para>
</blockquote>

<para>Amennyiben nincsenek <link linkend="fdl-invariant">Nem vltoztathat szakaszok</link>, akkor ahelyett a 
rsz helyett, hogy melyek nem vltoztathatat, rja azt, hogy <quote>Nem tartalmaz Nem vltoztathat 
szakaszokat</quote>. Amennyiben nincsenek <link linkend="fdl-cover-texts">Cmlapszvegek</link>, akkor 
<quote>Cmlapszveg felsorolsa</quote> helyett, rja azt, hogy <quote>Cmlapszveget nem tartalmaz</quote>; 
hasonlan irjon el a <link linkend="fdl-cover-texts">Htlapszveg</link> esetben.</para>

<para>Amennyiben a dokumentum nem egyrtelm programkdplkat is tartalmaz, gy azt javasoljuk, hogy e pldkat 
eyeg vlaszta szerint szabad szoftver licenc alatt kzlje mint pldkat a <ulink type="http" 
url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, hogy lehetv tegye a kdok 
szabad szoftverekben val alkalmazst.</para>
</sect1>

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Diese Lizenz, die Kleine Allgemeine öffentliche Lizenz (Lesser General Public License), gilt für einige besonders bezeichnete Software-Pakete typischerweise Programmbibliotheken von der Free Software Foundation und anderen Autoren, die beschlossen, diese Lizenz zu verwenden. Auch Sie können sie verwenden; wir empfehlen aber, vorher gründlich darüber nachzudenken, ob diese Lizenz (LGPL) oder aber die gewöhnliche Allgemeine öffentliche Lizenz (GPL) die bessere Strategie zur Anwendung im jeweiligen speziellen Fall ist. Dabei bieten Ihnen die untenstehenden Erläuterungen eine Grundlage für Ihre Entscheidung.

Um Ihre Rechte zu schützen, müssen wir Einschränkungen machen, die es jedem, der die Software weiter gibt, verbieten, Ihnen diese Rechte zu verweigern oder Sie zum Verzicht auf diese Rechte aufzufordern. Aus diesen Einschränkungen ergeben sich bestimmte Verantwortlichkeiten für Sie, wenn Sie Kopien der Bibliothek verbreiten oder sie verändern.

Beispielsweise müssen Sie den Empfängern alle Rechte gewahren, die wir Ihnen eingeräumt haben, wenn Sie
kostenlos oder gegen Bezahlung Kopien der Bibliothek verbreiten. Sie müssen sicherstellen, dass auch die Empfänger den Quelltext erhalten bzw. erhalten können. Wenn Sie einen anderen Code mit der Bibliothek verlinken, müssen Sie den Empfängern die vollständigen Objekt-Dateien zukommen lassen, so dass sie selbst diesen Code mit der Bibliothek neu verlinken können, auch nachdem sie Veränderungen an der Bibliothek vorgenommen und sie neu kompiliert haben. Und Sie müssen ihnen diese Bedingungen zeigen, damit sie ihre Rechte kennen.</p></para>

Wir schätzen Ihre Rechte in zwei Schritten: (1) Wir stellen die Bibliothek unter ein Urheberrecht (Copyright), und (2) wir bieten Ihnen diese Lizenz an, die Ihnen das Recht gibt, die Bibliothek zu vervielfältigen, zu verbreiten und/oder zu verändern.</p></para>

Um jeden, der die Software weiter gibt, zu schützen, wollen wir darüber hinaus vollkommen klarstellen, dass für diese freie Bibliothek keinerlei Garantie besteht. Auch sollten, falls die Software von jemand anderem modifiziert und weitergegeben wird, die Empfänger wissen, dass sie nicht das Original erhalten haben, damit irgendwelche von anderen verursachten Probleme nicht den Ruf des ursprünglichen Autors schädigen.</p></para>

Schließlich und endlich stellen Software-Patente die Existenz jedes freien Programms eine ständige Bedrohung dar. Wir möchten sicherstellen, dass keine Firma den Benutzern eines freien Programms Einschränkungen auferlegen kann, indem sie von einem Patentinhaber eine die freie Nutzung einschränkende Lizenz erwerbt. Deshalb bestehen wir darauf, dass jegliche Version der Bibliothek erworbene Patentlizenz mit der in dieser Lizenz (also der LGPL) im einzelnen angegebenen Nutzungsfreiheit voll vereinbar sein muss.</p></para>

Die meiste GNU-Software einschließlich einiger Bibliotheken fällt unter die gewöhnliche Allgemeine öffentliche GNU-Lizenz (GNU-GPL). Die vorliegende Lizenz, also die GNU-LGPL, gilt für gewisse näher bezeichnete Bibliotheken. Sie unterscheidet sich wesentlich von der gewöhnlichen Allgemeinen öffentlichen Lizenz (GNU-GPL). Wir benutzen diese Lizenz für gewisse Bibliotheken, um das Linken (d.h. die Verknüpfung von Bibliotheken und anderen Programmenteilen zu einem lauffähigen Programm Anmerkung der Übersetzer) von Programmen, die nicht frei sind, mit diesen Bibliotheken zu gestatten.</p></para>

Wenn ein Programm mit einer Bibliothek gelinkt wurde, sei es nun statisch oder dynamisch, so ist die Kombination der beiden, rechtlich gesehen, ein kombiniertes Werk, also eine abgeleitete Version der Original-Bibliothek. Die gewöhnliche GPL erlaubt ein solches Linken nur dann, wenn die ganze Kombination die Kriterien für freie Software erfüllt. Die LGPL erlaubt dagegen weniger strenge Kriterien für das Linken von irgendeiner anderen Software mit der Bibliothek.</p></para>

Wir nennen diese Lizenz die Kleine Allgemeine öffentliche Lizenz (Lesser GPL), weil sie weniger dazu beiträgt, die Freiheit des Benutzers zu schützen, als die gewöhnliche Allgemeine öffentliche Lizenz (GPL). Sie verschafft auch anderen Entwicklern freier Software ein Weniger an Vorteil gegen konkurrierende nichtfreien Programmen. Diese Nachteile sind ein Grund dafür, da wir die gewöhnliche GPL für viele Bibliotheken benutzen. Die kleine Lizenz (LGPL) bietet aber unter bestimmten besonderen Umständen doch Vorteile.</p></para>

So kann, wenn auch nur bei seltenen Gelegenheiten, eine besondere Notwendigkeit bestehen, einen Anreiz zur möglichst weitgehenden Benutzung einer bestimmten Bibliothek zu schaffen, so dass diese dann ein De-facto-Standard wird. Um dies zu erreichen, müssen nichtfreie Programme die Bibliothek benutzen dürfen. Ein häufiger Fall ist der, da eine freie Bibliothek dasselbe leistet wie die nichtfreie Bibliothek. In diesem Falle bringt es wenig Nutzen, die freie Bibliothek allein auf freie Software zu beschränken, und dann benutzen wir eben die LGPL.</p></para>

In anderen Fällen ermöglicht die Erlaubnis zur Benutzung einer speziellen Bibliothek in nichtfreien
Programmen viel mehr Leuten, eine umfangreiche Sammlung freier Software zu nutzen. So ermöglicht z.B. die Erlaubnis zur Benutzung der GNU-C-Bibliothek in nichtfreien Programmen einer viel greren Zahl von Leuten, das ganze GNU-Betriebssystem ebenso wie seine Variante, das Betriebssystem GNU/Linux, zu benutzen.</para>

Obwohl die LGPL die Freiheit des Benutzers weniger schtzt, stellt sie doch sicher, dass der Benutzer eines Programms, das mit der Bibliothek gelinkt wurde, die Freiheit und die erforderlichen Mittel hat, das Programm unter Benutzung einer abgedritten Version der Bibliothek zu betreiben.</para>

Die genauen Bedingungen fr das Kopieren, Weitergeben und Abndern finden Sie im nachstehenden Kapitel. Achten Sie genau auf den Unterschied zwischen <quote>work based on the library</quote>, d.h. <quote>Werk, das auf der Bibliothek basiert</quote> und <quote>work that uses the library</quote> d.h. <quote>Werk, das die Bibliothek benutzt</quote>. Ersteres enthlt Code, der von der Bibliothek abgeleitet ist, wrend letzteres lediglich mit der Bibliothek kombiniert werden muss, um betriebsfhig zu sein.</para>

Diese Lizenz gilt fr jedes Programm und jedes andere Werk, in dem ein entsprechender Vermerk des Copyright-Inhabers oder eines anderen dazu Befugten darauf hinweist, dass das Werk unter den Bestimmungen dieser Lesser General Public License (im weiteren auch als <quote>diese Lizenz</quote> bezeichnet) verbreitet werden darf. Jeder Lizenznehmer wird hierin einfach als <quote>Sie</quote> angesprochen.</para>

<quote>Bibliothek</quote> bedeutet eine Zusammenstellung von Software-Funktionen und/oder Daten, die so vorbereitet ist, dass sie sich bequem mit Anwendungsprogrammen (welche einige dieser Funktionen und Daten benutzen) zum Bilden von ausfhrbaren Programmen linken (d.h. verbinden, kombinieren) lsst.</para>

Unter dem <quote>Quelltext</quote> eines Werks ist seine fr das Vornehmen von Vernderungen bevorzugte Form zu verstehen. Fr eine Bibliothek bedeutet <quote>vollstdiger Quelltext</quote> den gesamten Quelltext fr alle in ihr enthaltenen Bestandteile, fr jegliche zu ihr gehrenden Dateien zur Definition von Schnittstellen und schlielich auch fr die Skripte, die zur Steuerung der Kompilierung und Installation der Bibliothek benutzt werden.</para>

Andere Handlungen als Vervielfltigung, Verbreitung und Bearbeitung werden von dieser Lizenz nicht berhrt; sie fallen nicht in ihren Anwendungsbereich. Das Ausfhr an einem Programms unter Benutzung der Bibliothek wird nicht eingeschrnkt, und die Ausgaben des Programms unterliegen dieser Lizenz nur dann, wenn der Inhalt ein auf der Bibliothek basierendes Werk darstellt (unabhngig davon, dass die Bibliothek in einem Werkzeug zum Schreiben dieses Programms benutzt wurde). Ob dies zutrifft, hngt davon ab, was die Bibliothek bewirkt und was
Sie dürfen auf beliebigen Medien unveränderte Kopien des vollständigen Quelltextes des Programms so, wie sie ihn erhalten haben, anfertigen und verbreiten. Voraussetzung hierfür ist, dass Sie mit jeder Kopie deutlich erkennbar und in angemessener Form einen entsprechenden Copyright-Vermerk sowie einen Haftungsausschluss veröffentlichen, alle Vermerke, die sich auf diese Lizenz und das Fehlen einer Garantie beziehen, unverändert lassen und zusammen mit der Bibliothek jeweils eine Kopie dieser Lizenz weitergeben.

Sie dürfen für den eigentlichen Kopier- und Versandvorgang eine Gebühr verlangen. Wenn Sie es wünschen, dürfen Sie auch gegen Entgelt eine Garantie anbieten.

Sie dürfen Ihre Kopie(n) der Bibliothek oder irgendeines Teils davon verändern, wodurch ein auf der Bibliothek basierendes Werk entsteht, und Sie dürfen darartige Bearbeitungen unter den Bestimmungen von Paragraph 1 vervielfältigen und verbreiten, vorausgesetzt, dass zusätzlich alle im folgenden genannten Bedingungen erfüllt werden:

Das Bearbeitungsergebnis muß selbst wieder eine Software-Bibliothek sein.

Sie müssen die veränderten Dateien mit einem auffälligen Vermerk versehen, der auf die von Ihnen vorgenommene Modifizierung der Dateien hinweist und das Datum jeder änderung angibt.

Sie müssen dafür sorgen, dass das Werk als Ganzes Dritten unter den Bedingungen dieser Lizenz ohne Lizenzgebühren zur Verfügung gestellt wird.

Wenn sich eine Funktionseinheit der bearbeiteten Bibliothek auf eine Funktion oder Datentabelle stützt, die von einem der Funktionseinheit nutzenden Anwendungsprogramm bereitgestellt werden muss, ohne dass sie als Argument beigefügt werden muss, wenn die Funktionseinheit angesprochen wird, dann müssen Sie sich nach bestem Wissen und Gewissen bemühen, sicherzustellen, dass die betreffende Funktionseinheit auch dann noch funktioniert, wenn die Anwendung eine solche Funktion oder Datentabelle nicht bietet, und dass sie den sinnvoll bleibenden Teil ihres Bestimmungszwecks noch ausführt.

(So hat z.B. eine Funktion zum Berechnen von Quadratwurzeln einen von der Anwendung unabhängigen genau definierten Zweck. Deshalb verlangt 2 Absatz d, dass jede von der Anwendung bereitgestellte Funktion oder von dieser Funktion benutzte Tabelle optional sein muss: Auch wenn die Anwendung sie nicht bereitstellt, muss die Quadratwurzelfunktion trotzdem noch Quadratwurzeln berechnen.)

Diese Anforderungen gelten für das bearbeitete Werk als Ganzes. Wenn identifizierbare Teile davon nicht von der Bibliothek stammen und vermutlicherweise als unabhängige und gesonderte Werke für sich selbst zu betrachten
sind, dann gelten diese Lizenz und ihre Bedingungen nicht für die betreffenden Teile, wenn Sie diese als gesonderte Werke weitergeben. Wenn Sie jedoch dieselben Teile als Teil eines Ganzen weitergeben, das ein auf der Bibliothek basierendes Werk darstellt, dann muss die Weitergabe dieses Ganzen nach den Bedingungen dieser Lizenz erfolgen, deren Bedingungen für weitere Lizenznehmer somit auf das gesamte Ganze ausgedehnt werden und somit auf jeden einzelnen Teil, unabhängig vom jeweiligen Autor.</para>

<para>Somit ist es nicht die Absicht dieses Abschnittes, Rechte für Werke in Anspruch zu nehmen oder Ihnen Rechte für Werke streitig zu machen, die komplett von Ihnen geschrieben wurden; vielmehr ist es die Absicht, die Rechte zur Kontrolle der Verbreitung von Werken, die auf der Bibliothek basieren oder unter ihrer auszugsweisen Verwendung zusammengestellt worden sind, auszubuchen.</para>

<para>Ferner bringt auch das einfache Zusammenlegen eines anderen Werkes, das nicht auf der Bibliothek basiert, mit der Bibliothek oder mit einem auf der Bibliothek basierenden Werk auf ein- und demselben Speicher- oder Vertriebsmedium dieses andere Werk nicht in den Anwendungsbereich dieser Lizenz.</para>

Sie können sich für die Anwendung der Bedingungen der gewöhnlichen Allgemeinen öffentlichen GNU-Lizenz (GNU-GPL) statt dieser Lizenz auf eine gegebene Kopie der Bibliothek entscheiden. Um dies zu tun, müssen Sie alle Eintragungen, die sich auf diese Lizenz beziehen, ndern, so da sie nun für die gewöhnliche GNU-GPL, Version 2, statt für diese Lizenz (LGPL) gelten. (Wenn eine neuere Version als Version 2 der gewöhnlichen GNU-GPL erschienen ist, können Sie diese angeben, wenn Sie das wünschen.) Nehmen Sie keine anderen Veränderungen in diesen Eintragungen vor.</para>

Wenn diese Veränderung in einer gegebenen Kopie einmal vorgenommen ist, dann ist sie für diese Kopie nicht mehr zurücknehmbar, und somit gilt dann die gewöhnliche GNU-GPL für alle nachfolgenden Kopien und abgeleiteten Werke, die von dieser Kopie gemacht worden sind.</para>

Diese Option ist nützlich, wenn Sie einen Teil des Codes der Bibliothek in ein Programm kopieren wollen, das keine Bibliothek ist.</para>

Sie können die Bibliothek (oder einen Teil oder eine Ableitung von ihr, gemäß Paragraph 2 in Objektcode-Form oder in ausführbarer Form unter den Bedingungen der obigen Paragraphen kopieren und weitergeben, sofern Sie den vollständigen entsprechenden maschinenlesbaren Quelltext beifügen, der unter den Bedingungen der obigen Paragraphen kopieren und weitergeben werden muss, das blicherweise zum Austausch von Software benutzt wird.</para>

Wenn die Weitergabe von Objektcode durch das Angebot eines Zugangs zum Kopienabruf von einem
angegebenen Ort erfolgt, dann erfüllt das Angebot eines gleichwertigen Zugangs zum Kopieren des Quelltextes von demselben Ort die Anforderung, auch den Quelltext weiterzugeben, obwohl Dritte nicht verplichtet sind, den Quelltext zusammen mit dem Objektcode zu kopieren.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>Paragraph 5</title>

<para>Ein Programm, das nichts von irgendeinem Teil der Bibliothek Abgeleitetes enthält, aber darauf ausgelegt ist, mit der Bibliothek zusammenzuarbeiten, indem es mit ihr compiliert oder gelinkt wird, nennt man ein <quote>Werk, das die Bibliothek nutzt</quote>. Solch ein Werk, fr sich allein genommen, ist kein von der Bibliothek abgeleitetes Werk und flöt daher nicht unter diese Lizenz.</para>

<para>Wird jedoch ein <quote>Werk, das die Bibliothek nutzt</quote>, mit der Bibliothek gelinkt, so entsteht ein ausführbares Programm, das ein von der Bibliothek abgeleitetes Werk (weil es Teile der Bibliothek enthält) und kein <quote>Werk, das die Bibliothek nutzt</quote> ist. Das ausführbare Programm flöt daher unter diese Lizenz. <link linkend="sect6">Paragraph 6</link> gibt die Bedingungen für die Weitergabe solcher ausführbarer Programme an.</para>

<para>Wenn ein <quote>Werk, das die Bibliothek nutzt</quote>, Material aus einer Header-Datei verwendet, die Teil der Bibliothek ist, dann kann der Objektcode für das Werk ein von der Bibliothek abgeleitetes Werk sein, selbst wenn der Quelltext dies nicht ist. Ob dies jeweils zutrifft, ist besonders dann von Bedeutung, wenn das Werk ohne die Bibliothek gelinkt werden kann oder wenn das Werk selbst eine Bibliothek ist. Die genaue Grenze, von der an dies zutrifft, ist rechtlich nicht genau definiert.</para>

<para>Wenn solch eine Objektdatei nur numerische Parameter, Datenstruktur-Layouts und Zugriffsoperationen sowie kleine Makros und kleine Inlinefunktionen (zehn Zeilen lang oder kürzer) benutzt, dann unterliegt die Benutzung der Objektdatei keinen Beschränkungen, ohne Rücksicht darauf, ob es rechtlich gesehen ein abgeleitetes Werk ist. (Ausführbare Programme, welche diesen Objektcode plus Teile der Bibliothek enthalten, fallen jedoch weiterhin unter die Bestimmungen von <link linkend="sect6">Paragraph 6</link>).</para>

<para>Ansonsten können Sie, wenn das Werk ein von der Bibliothek abgeleitetes ist, den Objektcode für das Werk unter den Bedingungen von <link linkend="sect6">Paragraph 6</link> weitergeben. Alle ausführbaren Programme, welche dieses Werk enthalten, fallen ebenfalls unter <link linkend="sect6">Paragraph 6</link>, gleichgültig, ob sie direkt mit der Bibliothek selbst gelinkt sind oder nicht.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Paragraph 6</title>

<para>Als Ausnahme von den Bestimmungen der vorstehenden fünf Paragraphen dürfen Sie auch ein <quote>Werk, das die Bibliothek nutzt</quote>, mit der Bibliothek kombinieren oder linksen, um ein Werk zu erzeugen, das Teile der Bibliothek enthält, und dieses unter Bedingungen ihrer eigenen Wahl weitergeben, sofern diese Bedingungen Bearbeitungen des Empfängers und ein Rückbilden (<quote>reverse engineering</quote>) zum Beheben von Mängeln solcher Bearbeitungen gestatten.</para>

<para>Sie müssen bei jeder Kopie des Werks deutlich erkennbar angeben, dass die Bibliothek darin genutzt wird
und dass die Bibliothek und ihre Benutzung durch die Lizenz abgedeckt sind. Sie müssen eine Kopie dieser Lizenz mitgeben. Wenn das Werk bei seiner Ausführung Copyright-Vermerke anzeigt, müssen Sie den Copyright-Vermerk für die Bibliothek mit anzeigen lassen und dem Benutzer einen Hinweis geben, der ihn zu einer Kopie dieser Lizenz führt. Ferner müssen Sie eines der nachfolgend genannten fünf Dinge tun: <orderedlist numeration="loweralpha">
  <listitem>
    <para id="sect6a">Liefern Sie das Werk zusammen mit dem vollständigen zugehörigen maschinenlesbaren Quelltext der Bibliothek aus, und zwar einschließlich jeglicher in dem Werk angewandter Anderungen (wobei dessen Weitergabe gem den Bedingungen der Paragraphen <link linkend="sect1">1</link> und <link linkend="sect2">2</link> erfolgen muss); und wenn das Werk ein ausführbares, mit der Bibliothek gelinktes Programm ist, dann liefern Sie es zusammen mit dem vollständigen maschinenlesbaren <quote>Werk, das die Bibliothek nutzt</quote>, in Form von Objectcode und/oder Quelltext, so dass der Benutzer die Bibliothek verändern und dann erneut linken kann, um ein verändertes ausführbares Programm zu erzeugen, das die veränderte Bibliothek enthält. (Es versteht sich, dass der Benutzer, der die Inhalte von Definitionsdateien in der veränderten Bibliothek verändert, nicht notwendigerweise in der Lage sein wird, die Anwendung neu zu_compileilen, um die veränderten Definitionen zu benutzen.)</para>
  </listitem>
  <listitem>
  </listitem>
  <listitem>
    <para>Liefern Sie das Werk zusammen mit einem mindestens drei Jahre lang Gültigen schriftlichen Angebot, demselben Benutzer die oben in <link linkend="sect6a">Paragraph 6, Absatz (a)</link> genannten Materialien zu Kosten, welche die reinen Weitergabekosten nicht berühren, zur Verfügung zu stellen.</para>
  </listitem>
  <listitem>
    <para>Wenn die Weitergabe des Werks dadurch erfolgt, dass die Möglichkeit des Abrufens einer Kopie von einem bestimmten Ort angeboten wird, bieten Sie gleichwertigen Zugang zum Kopieren der oben angegebenen Materialien von dem gleichen Ort an.</para>
  </listitem>
  <listitem>
    <para>Sie vergewissern sich, dass der Benutzer bereits eine Kopie dieser Materialien erhalten hat oder dass Sie diesem Benutzer bereits eine Kopie geschickt haben.</para>
  </listitem>
</orderedlist></para>

<para>Fr ein ausführbares Programm muss die verlangte Form des <quote>Werks, das die Bibliothek nutzt</quote> alle Daten und Hilfsprogramme mit einschließen, die man braucht, um daraus das ausführbare Programm zu reproduzieren. Doch gilt eine spezielle Ausnahme: Die weiterzugebenden Materialien brauchen nicht alles das zu enthalten, was normalerweise (in Quelltext-Form oder in binärer Form) mit den Hauptbestandteilen (Compiler, Kern usw.) des Betriebssystems, auf denen das ausführbare Programm läuft, weitergegeben wird, es sei denn, das ausführbare Programm gehört selbst zu diesem Hauptbestandteil.</para>

<para>Es kann vorkommen, dass diese Anforderung im Widerspruch zu Lizenzbeschränkungen anderer, proprietär
Bibliotheken steht, die normalerweise nicht zum Betriebssystem gehoren. Ein solcher Widerspruch bedeutet, dass Sie nicht gleichzeitig jene proprietren Bibliotheken und die vorliegende Bibliothek zusammen in einem ausfhrbaren Programm, das Sie weitergeben, verwenden drfen.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Paragraph 7</title>

<para>Sie drfen Bibliotheks-Funktionseinheiten, die ein auf der Bibliothek basierendes Werk darstellen, zusammen mit anderen, nicht unter diese Lizenz fallenden Funktionseinheiten in eine einzelne Bibliothek einbauen und eine solche kombinierte Bibliothek weitergeben, vorausgesetzt, da die gesonderte Weitergabe des auf der Bibliothek basierenden Werks einerseits und der anderen Funktionseinheiten andererseits ansonsten gestattet ist, und vorausgesetzt, da Sie folgende zwei Dinge tun:</para>

<orderedlist numeration="loweralpha">
<li>Geben Sie zusammen mit der kombinierten Bibliothek auch eine Kopie desselben auf der Bibliothek basierenden Werks mit, die nicht mit irgendwelchen anderen Funktionseinheiten kombiniert ist. Dieses Werk muss unter den Bedingungen der obigen Paragraphen weitergegeben werden.</li>
<li>Weisen Sie bei der kombinierten Bibliothek an prominenter Stelle auf die Tatsache hin, dass ein Teil davon ein auf der Bibliothek basierendes Werk ist, und erklren Sie, wo man die mitgegebene unkombinierte Form desselben Werks finden kann.</li>
</orderedlist>

</sect2>

<sect2 id="sect8" label="8">
<title>Paragraph 8</title>

<para>Sie drfen die Bibliothek nicht vervielfltigen, verndern, weiter lizenzieren oder verbreiten oder mit ihr linken, sofern es nicht durch diese Lizenz ausdrcklich gestattet ist. Jeder anderweitige Versuch der Vervielfltigung, Modifizierung, Weiterlizenzierung und Verbreitung sowie des Linkens mit der Bibliothek ist unzulssig und beendet automatisch Ihre Rechte unter dieser Lizenz. Doch werden die Lizenzen Dritter, die von Ihnen Kopien oder Rechte unter dieser Lizenz erhalten haben, nicht beendet, solange diese Dritten die Lizenz voll anerkennen und befolgen.</para>

</sect2>

<sect2 id="sect9" label="9">
<title>Paragraph 9</title>

<para>Sie sind nicht verpflichtet, diese Lizenz anzunehmen, da Sie diese nicht unterzeichnet haben. Doch gibt Ihnen sonst nichts die Erlaubnis, die Bibliothek oder von ihr abgeleitete Werke zu verndern oder zu verbreiten. Diese Handlungen sind gesetzlich verboten, wenn Sie diese Lizenz nicht annehmen. Indem Sie die Bibliothek (oder ein darauf basierendes Werk) verndern oder verbreiten, erklren Sie Ihr Einverstndnis mit dieser Lizenz, die Ihnen das erlaubt, mit allen ihren Bedingungen bezglich der Vervielfltigung, Verbreitung und Vernderung der Bibliothek
oder eines darauf basierenden Werks.</para>

<sect2 id="sect10" label="10">
<title>Paragraph 10</title>

Jedes Mal, wenn Sie die Bibliothek (oder irgendein auf der Bibliothek basierendes Werk) weitergeben, erhält der Empfänger automatisch vom ursprünglichen Lizenzgeber die Lizenz, die Bibliothek entsprechend den hier festgelegten Bestimmungen zu vervielfältigen, zu verbreiten und zu verändern und mit ihr zu verlinken. Sie dürfen keine weiteren Einschränkungen der Ausübung der hierin zugestandenen Rechte des Empfängers vornehmen. Sie sind nicht dafür verantwortlich, die Einhaltung dieser Lizenz durch Dritte durchzusetzen.</sect2>

<sect2 id="sect11" label="11">
<title>Paragraph 11</title>

Sollten Ihnen infolge eines Gerichtsurteils, des Vorwurfs einer Patentverletzung oder aus einem anderen Grunde (nicht auf Patentfragen begrenzt) Bedingungen (durch Gerichtsbeschluss, Vergleich oder anderweitig) auferlegt werden, die den Bedingungen dieser Lizenz widersprechen, so befreien diese Umstände Sie nicht von den Bestimmungen dieser Lizenz. Wenn es Ihnen nicht möglic ist, die Bibliothek unter gleichzeitiger Beachtung der Bedingungen in dieser Lizenz und Ihrer anderweitigen Verpflichtungen zu verbreiten, dann dürfen Sie als Folge davon die Bibliothek berücksichtungslos verbreiten. Wenn zum Beispiel ein Patent nicht die gebührenfreie Weiterverbreitung der Bibliothek durch diejenigen erlaubt, welche die Bibliothek direkt oder indirekt von Ihnen erhalten haben, dann besteht der einzige Weg, sowohl dem Patentrecht als auch dieser Lizenz zu gingen, darin, ganz auf die Verbreitung der Bibliothek zu verzichten.</sect2>

Sollte sich ein Teil dieses Paragraphen als ungültig oder unter bestimmten Umständen nicht durchsetzbar erweisen, so soll dieser Paragraph seinem Sinne nach angewandt werden; im brigen soll dieser Paragraph als Ganzes gelten.</sect2>

Zweck dieses Paragraphen ist nicht, Sie dazu zu bringen, irgendwelche Patente oder andere Eigentumsansprüche zu verletzen oder die Gültigkeit solcher Ansprüche zu bestreiten; dieser Paragraph hat vielmehr einzig den Zweck, die Integrität des Verbreitungssystems der freien Software zu schützen, das durch die Praxis öffentlicher Lizenzvergabe verwirklicht wird. Viele Leute haben großzügige Beiträge zu dem weitreichenden Angebot der durch dieses System verbreiteten Software im Vertrauen auf die konsistente Anwendung dieses Systems geleistet; es obliegt dem Autor bzw. Geber, zu entscheiden, ob er die Software mittels irgendeines anderen Systems verbreiten will; ein Lizenznehmer jedoch darf darber nicht entscheiden.</sect2>

Dieser Paragraph ist dazu gedacht, deutlich klar zu stellen, was als Konsequenz aus den brigen Bestimmungen dieser Lizenz zu betrachten ist.</sect2>

<sect2 id="sect12" label="12">
<title>Paragraph 12</title>

Wenn die Verbreitung und/oder die Benutzung der Bibliothek in bestimmten Staaten entweder durch Patente oder durch urheberrechtlich geschützte Schnittstellen eingeschränkt ist, kann der Urheberrechtsinhaber, der die Bibliothek unter diese Lizenz gestellt hat, eine explizite geographische Begrenzung der Verbreitung angeben, in der
diese Staaten ausgeschlossen werden, so dass die Verbreitung nur innerhalb und zwischen den Staaten erlaubt ist, die nicht demgem ausgeschlossen sind. In einem solchen Fall beinhaltet diese Lizenz die Beschränkung, als wie sie in diesem Text niedergeschrieben.</para>

</sect2>

<sect2 id="sect13" label="13">
<title>Paragraph 13</title>

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</sect2>

<sect2 id="sect14" label="14">
<title>Paragraph 14</title>

<para>Wenn Sie den Wunsch haben, Teile der Bibliothek in anderen freien Programmen zu verwenden, deren Bedingungen für die Verbreitung anders sind, schreiben Sie an den Autor der Bibliothek, um ihn um die Erlaubnis zu bitten. Fr Software, die unter dem Copyright der Free Software Foundation steht, schreiben Sie an die Free Software Foundation; wir machen zu diesem Zweck gelegentlich Ausnahmen. Unsere Entscheidung wird von den beiden Zielen geleitet werden, zum einen den freien Status aller von unserer freien Software abgeleiteten Werke zu erhalten und zum anderen das gemeinschaftliche Nutzen und Wiederverwenden von Software im allgemeinen zu fördern.</para>

</sect2>

<sect2 id="sect15" label="15">
<title>KEINE GEWÄHRLEISTUNG</title>

<subtitle>Paragraph 15</subtitle>

<para>Da die Bibliothek ohne jegliche Gebühren lizenziert wird, besteht keinerlei Gewährleistung für die Bibliothek, soweit dies gesetzlich zulässig ist. Sofern nicht anderweitig schriftlich bestimmt, stellen die Copyright-Inhaber und/oder Dritte die Bibliothek so, wie sie ist zur Verfügung, ohne Gewährleistung irgendeiner Art, weder ausdrücklich noch implizit. Dieser Garantieausschluss gilt auch ohne darauf beschränkt zu sein für Marktreife oder Verwendbarkeit für einen bestimmten Zweck. Das volle Risiko bezüglich Qualit und Leistungsfähigkeit der Bibliothek liegt bei Ihnen. Sollte sich die Bibliothek als fehlerhaft herausstellen, liegen die Kosten für notwendigen Service, Reparatur oder Korrektur smtlich bei Ihnen.</para>

</sect2>

<sect2 id="sect16" label="16">
<title>Paragraph 16</title>

</sect2>
In keinem Fall, außer wenn dies durch geltendes Recht gefordert wird oder schriftlich zugesichert wurde, ist irgendein Copyright-Inhaber oder irgendein Dritter, der die Bibliothek wie oben erlaubt modifiziert oder verbreitet hat, Ihnen gegenüber für irgendwelche Schäden haftbar. Dies gilt auch für jegliche allgemeine oder spezielle Schäden, für Schäden durch Nebenwirkungen oder Folgeschäden, die sich aus der Benutzung oder der Unbenutzbarkeit der Bibliothek ergeben (das gilt insbesondere ohne darauf beschränkt zu sein für Datenverluste, das Hineinbringen von Ungenauigkeiten in irgendwelche Daten, für Verluste, die Sie oder Dritte erlitten haben, oder für ein Unvermögen der Bibliothek, mit irgendeiner anderen Software zusammenzuarbeiten), und zwar auch dann, wenn ein Copyright-Inhaber oder ein Dritter bei der Möglichkeit solcher Schäden informiert worden ist.\[para\]
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Abstract role="description">Lizentzia honen xedea da eskuliburu bat, testuliburu bat edo bestelako edozein dokumentu idatzi "libre" egitea askatasunaren zentzuan: edonori ziurtatzea kopiatzea eta birbanatzeko benetako askatasuna, aldatuta zein aldatu gabe, eta komertzialki zein ez-komertzialki. Bestalde, Lizentziaren bidez autoreei eta argitaratzaileei euren lana aitortzen zaie, eta ez dira beste batzuk egindako aldaketen erantzule.</para>

Aitzinsolasa

Lizentzia honen xedea da eskuliburu bat, testuliburu bat edo bestelako edozein dokumentu idatzi "libre" egitea askatasunaren zentzuan: edonori ziurtatzea kopiatzea eta birbanatzeko benetako askatasuna, aldatuta zein aldatu gabe, eta komertzialki zein ez-komertzialki. Bestalde, Lizentziaren bidez autoreei eta argitaratzaileei euren lana aitortzen zaie, eta ez dira beste batzuk egindako aldaketen erantzule.</para>

Aplikagarritakoa eta definitzioak

Eskuliburu edo bestelako lan bati Lizentzia honen baldintzen pean bana daitekeela adierazten duen oharra jarri baldin bideo egile-eskubideen jabeak, eskuliburu edo lan horri lizentzia hau aplikatuko zaio. Hemendik aurrera Dokumentua aipatzen denean, horrelako eskuliburu edo lanei egiten die erreferentzia. Publikoko edonor da lizentziaren hartzailea, eta "zu" edo "atual sekundarioa" Dokumentuaren bertso aldatzen da. Esaten denean, Dokumentu hau osorik edo zati batean biltzen duen edozen lan adierazten da, hau da, kopia literalak, aldaketak dituena eta beste hizkuntza batera itzulitakoa.</para>

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Dokumentuaren argitaratzaileen edo autoreek Dokumentuaren gai nagusiarekiko (edo gai horrek zerikusia duten gaieikiko) duten erlazioari buruzkoa da soil-soilik. Atal sekundarioan ez da agertzen zuzenean gai nagusiari dagokion ezer. (Adibidez, Dokumentua matematikako eskuliburu bat bada, Atal sekundarioak ez du matematikarik azalduko.) Gai nagusiarekin edo harekin zerikusia duten gaiekin duen harremana, konexio historikoa izan liteke, edo hain ikuspegi legal, komertzial, filosofiko, etiko edo politikoko.<para>

"Atal aldaezinak" jakin batzuk dira; "Dokumentua" Lizentzia honen baldintzen pean argitaratzen dela esaten duen oharraren izenburuak.</para>

"Azaleko testuak" testu zati laburrak dira eta Aurreko azaleko testu edo Atzeko azaleko testu gisa aipatzen dira "Dokumentua" Lizentzia honen pean argitaratzen dela dioen oharraren.</para>


"KOPIA LITERALAK"


</sect1>

"KOPIA LITERALAK"

"Dokumentua" edozein euskarritan kopiatu eta banatu dezakezu, komertzialik zein ez-komertzialik, baldin eta Lizentzia hau, copyright-oharrak eta Dokumentuari Lizentzia hau aplikatzen zaio adierazten duen lizentzia-ohar bertsio bidea koipia guztietak, eta Lizentzia honi beste inolako baldintzari gehitzen ez badiozu. Egiten edo banatzen dituzun kopietan ezin da erabiliz irakurketa edo kopiarik egitea eragotzen edo kontrolatzen duen inolako baliabide teknikorik. Nolanahi ere, kopiarik egitearen truke ordainak jasotzea onartzen da. Kopia asko banatzen baduzu (hurrengo atalean zehazten da kopurua), "Dokumentua" Lizentzia honen pean argitaratzen dela dioen oharraren.</para>

"Ataleko" baldintzak ere bete behar dituzu.
Goian azaldutako baldintza berdinen pean kopiak mailegutan ere utz ditzakezu, eta kopiak jendaurrean erakutsi ere bai. 

3. KANTITATE HANDIAK KOPIATZEA


Azaletan jarri beharreko testuak luzegiak badira modo irakurgarrian ipintzeko, zerrendako lehenen jarri behar dituzen azalean bertan (sartzen diren guztiak), eta hurrengo orrietan jarraitu besteekin.

Dokumentuaren 100 kopia <link linkend="fdl-transparent">Opako</link> argitaratzen edo banatzen badituzu, kopia Opako bakoitzarekin batera makinaz irakurtzeko moduko kopia <link linkend="fdl-transparent">Garden</link> bat eman behar duzu, edo bestela, kopia Opako bakoitean edo bakoitzarekin batera ordenagailu-sare bateko helbide bat adierazi beharko duzu, edonork libreki atzi dezakeena eta Dokumentuaren kopia Garden osoa daukana, gehitutako materialik gabe, sare-erabiltzaile arruntak anonimokoa deskargatu ahal izateko doan eta sare-protokolo estandar publiko bidez. Azken aukeraren bidetik jotzen baduzu, zentzu eta zuhur jokatu behar duzu kopia Opako asko banatzen hasten zarenean, kopia Garden hori adierazitako kokalekuan urtebetea gutxienez erabili gara eta atzigarri egono dela segurtatzeko zuk edizio horren azken kopia Opakoa (zuzenean edo zure agentekin edo xehetik bidez) publikoari banatzen ditezun ditzun kontatzen hasita.

Bestalde, <link linkend="fdl-document">Dokumentu</link>aren kopiak kantitate handian birbanatzen hasi aurretik, autoreekin harremanetan jar zaitezzen eskatzen zaizuz, behartu gabe, Dokumentuaren bertxoa eguneratua eman ahal izan diezazuten. 

4. ALDAKETAK

Dokumentuaren <link linkend="fdl-modified">Bertsio aldatua</link> kopiatu eta banatu dezakezu baldin eta hemen goiko <link linkend="fdl-section2">2</link> eta <link linkend="fdl-section3">3</link> ataletako baldintzak betetzen badituzu, kontuan izanik betiere Bertsio aldatua Lizentzia honen pean banatu behar duzula, Bertsio aldatua izanik Dokumentuaren funtzioa beteko duena, eta, beraz, Bertsio aldatua banatzeko edo aldatzeko baimena eman behar diozula kopia bat duen edonori. Horrez gainera, honako hauek egin behar dituzu Bertsio Aldatuan:

Titulu-orri(#an (eta azaletan, azalik budu) <link linkend="fdl-document">Dokumentu</link>arena eta aurreko bertsioena ez den beste edozein titulu bat erabili behar duzu
(aurreko bertsiorik badago, Dokumentuaren Historiaren atalean zerreandatuta egongo da). Aurreko bertsio horietako baten titulu bera erabil dezakezu, baldin eta jatorrizko argitaratzaileak horretarako baimena ematen badu.</para>

</listitem>

<listitem>
<para><link linkend="fdl-title-page">Titulu-orri</link>an, autore gisa, <link linkend="fdl-modified">Bertsio aldatu</link>an aldaketak egin dituen pertsona edo erakunde baten edo gehiagoren izena jarri behar duzu, eta, horrekin batera, <link linkend="fdl-document">Dokumentu</link>aren bost egile nugusien izena gutxienez (eta bost baino gutxiago badira, guztienai).</para>
</listitem>

<listitem>
<para><link linkend="fdl-title-page">Titulu-orri</link>an <link linkend="fdl-modified">Bertsio aldatu</link>aren argitaratzailearen izena jarri behar duzu, argitaratzaile gisa.</para>
</listitem>

<listitem>
<para><link linkend="fdl-document">Dokumentu</link>aren copyright-ohar guztiak gorde behar dituzu.</para>
</listitem>

<listitem>
<para>Zure aldaketei dagokien copyright-oharra gehitu behar duzu beste copyright-oharren ondoan.</para>
</listitem>

<listitem>
<para>Copyright-oharren jarraian, lizentzia-ohar bat ipini behar duzu, jendeari baimena emateko <link linkend="fdl-modified">Bertsio aldatu</link> erabil dezan Lizentzia horren baldintzen pean, beheko Eranskinean azaltzen den bezala.</para>
</listitem>

<listitem>
<para>Lizentzia-ohar horretan <link linkend="fdl-document">Dokumentu</link>aren lizentzia-oharrean adierazitako <link linkend="fdl-invariant">Atal aldaezin</link> eta jarri beharreko <link linkend="fdl-cover-texts">Azaleko testu</link> guztien zerrenda gorde behar duzu.</para>
</listitem>

<listitem>
<para>Lizentzia honen kopia ere, aldaketarik gabe jarri behar duzu.</para>
</listitem>

<listitem>
<para><quote>Historia</quote> izeneko atala gorde behar duzu, baita bere titulua ere, eta gutxienez <link linkend="fdl-modified">Bertsio aldatuaren</link> izenburua, urtea, autore berriak eta argitaratzailea aipatuko dituen elementu bat gehitu behar diozu, <link linkend="fdl-title-page">Titulu-orri</link>an agertzen den bezala. <quote>Historia</quote> izeneko atal ez badago <link linkend="fdl-document">Dokumentu</link>an, zeuk sortu beharko duzu, Dokumentuaren titulua, urtea, autoreak eta argitaratzailea adierazteko Dokumentuaren Titulu-orrian agertzen den bezala, eta, gainera, Bertsio aldatua deskribatzeko beste elementu bat gehitu beharko duzu aurreko esaldian azaldutako moduan.</para>
</listitem>
Dokumentuaren kopia <link linkend="fdl-transparent">Gardena</link> publikoki atzitzko <link linkend="fdl-document">Dokumentu</link>aren ematen den sare-helbidea (helbiderik ematen bada) gorde behar duzu, eta, era berean, Dokumentuaren oinarri izan diren aurreko bertsioentzat ematen diren sare-helbideak ere bai. Helbide horiek <quote>Historia</quote> atalean sar daitezke. Sare-helbideak ez dira nahitaez jarri behar, Dokumentua bera baino gutxienek lau urte lehenago argitaratutako lanari dagokionak baldin badira, edo horretarako baimena ematen badu bertsioaren jatorrizko argitaratzaila.</para>

Eskertzak  edo  eskaintzak izeneko edozein ataletan, atalearen titulua gorde behar da, eta ataleko eskertz edota eskaintza bakoitzean egileak darabilen gai eta tonua errespetatu behar dira.

Errespetatu <link linkend="fdl-document">Dokumentu</link>aren <link linkend="fdl-invariant">Atal aldaezin</link> guztiak, testuak eta tituluak batere aldatu gabe. Atal-zenbakiak edo haien baliokideak ez dira atalaren tituluaren zatitzat hartzen.</para>


Lehendik dagoen atal bati ez jarri <quote>oniritziak</quote> titulua ez eta <link linkend="fdl-invariant">Atal aldaezin</link>en baten tituluarekin gatazka sor lezakeena ere.


Oniritziak <quote>titulua duen atala gehi deazakezu, baldin eta zure <link linkend="fdl-modified">Bertsio aldatu</link>ari buruz alderdiek emandako oniritziak soilik bitzen badira, eta ez beste ezer -- adibidez, adituek egindako ikuskatzea edo erakunde batek testua estandartzat onartu duela, eta abar--. Horretarako, lehendik dagoen atal bati ez jarri <quote>oniritziak</quote> titulua ez da, eta ataleko zuzendeko elementuak, adibidez, izen, deskribazioa eta ikuspegiak ezberdinak zein behar dute.

Gehienez bost hitz dituen pasartea gehi deazakezu <link linkend="fdl-cover-texts">Aurreko azaleko testu</link> gisa, eta gehienez 25 hitzeko pasartea <link linkend="fdl-cover-texts">Atzeko azaleko testu</link> gisa <link linkend="fdl-modified">Bertsio aldatu</link>ari buruz alderdiek emandako oniritziak soilik bitzen badira, eta ez beste ezer -- adibidez, adituek egindako ikuskatzea edo erakunde batek testua estandartzat onartu duela, eta abar--. Horretarako, lehendik dagoen atal bati ez jarri <quote>oniritziak</quote> titulua ez da, eta ataleko zuzendeko elementuak, adibidez, izen, deskribazioa eta ikuspegiak ezberdinak zein behar dute.
zerrendaren bukaeran. Aurreko azaleko testu barat bat eta Atzeko azaleko testu bat gehi daiteke entitate baten bidez (edo entitate batek egindako egokitza penez bidez). Dagoeneko <link linkend="fdl-document">Dokumentu</link>ak azaleko testua baldin bada eta berarentzat, aurretik zuk edo zu or dezkatzen zaitzen entitateak gehiturakoak, edo aurreko beste testurik egi baitu, baina nahi izanez gero, lehendik dagoena ordeztu dezakuzu, testu zaharra gehitu zuen argitaratzailearen baimen esplizitua baldin baduzu.</para>

Lizentzia honen bidez <link linkend="fdl-document">Dokumentu</link>aren autoreak (edo autoreek) eta argitaratzaileak (edo argitaratzaileek) ez dute baimenik ematen haien izenak publizitatean erabiltzeko edo <link linkend="fdl-modified">Bertsio aldatu</link>en oniritzia eragiteko edo adierazteko, nahi izanez gero, lehendik dagoena ordeztu dezakezu, testu zaharra gehitu zuen argitaratzailearen baimen esplizitua baldin baduzu.</para>

Lizentzia honen bidez <link linkend="fdl-document">Dokumentu</link>aren autoreak (edo autoreek) eta argitaratzaileak (edo argitaratzaileek) ez dute baimenik ematen haien izenak publizitatean erabiltzeko edo <link linkend="fdl-modified">Bertsio aldatu</link>en oniritzia eragiteko edo adierazteko, nahi izanez gero, lehendik dagoena ordeztu dezakezu, testu zaharra gehitu zuen argitaratzailearen baimen esplizitua baldin baduzu.</para>

<sect1 id="fdl-section5" label="5">
<title>DOKUMENTUAK KONBINATZEA</title>

Lizentzia honen pean argitaratutako beste dokumentu batzuekin konbina dezakezu <link linkend="fdl-document">Dokumentua</link>, goian <link linkend="fdl-section4">4. atalean</link> biltzen diren baldintzak betetzen baditu eta bateratzean jatorrizko dokumentuen <link linkend="fdl-invariant">Atal aldaezin</link> guztiak sartzen baditu aldatu gabe eta guztiak Atal aldeak gisa zerrendatuta zure lan konbinatuaren lizentzia-oharrean.</para>

Lan konbinatuak Lizentzia honen kopia bakarra baino ez du behar, eta hainbat <link linkend="fdl-invariant">Atal aldeak</link> berdin badaude, kopia bakarrarekin ordeztu daitezke. Izen berak baina eduki ezberdina duten hainbat Atal aldeak baldin badaude, atal bakoitzaren tituluak desberdindu eta titulu bakar bihur ezauzu, bukaeran autorearen edo argitaratzailearen izena jarriz parentesi artean, edo errepikatzen ez den zenbaki bat. Egin ezauzu egokitza penen bera Atal aldeak gisa zerrendako atal-tituluetan, lan konbinatuaren lizentzia-oharrean.</para>

Kombinazioan, jatorrizko dokumentuetan "Historia" titulua duten atalak konbinatu behar dituzu, eta "Historia" tituludun atal bakar bat osatu. Era berean, "Eskertzak" eta "Eskaintzak" titulua dutuzten atal guztiak bateratu. "Oniritziak" titulua duten sekzio guztiak, aldiz, ezabatuz egin behar dituzu.</para>

<sect1 id="fdl-section6" label="6">
<title>DOKUMENTU-BILDUMAK</title>

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LAN INDEPENDENTEAK GAINERATZEA

Dokumentua <link linkend="fdl-document">edo dokumentuaren eratorriek beste dokumentu edo lan bereizti batzuekin batera elkartzea --biltegi-bolumen batean edo banaketarako euskarri batean-- ez da Dokumentuaren <link linkend="fdl-modified">Bertsio aldatu</link>tzat jotzen bere osotasunean, non eta ez den konpilazioaren konpilazio-copyrigtht eskatzen. Horrelako konpilazioei <quote>agregazio</quote> esaten zaie, eta Lizentzia hau ez zaie aplikatuko Dokumentuarekin batera konpilazioan sartuak gainerroko lanei, konpilazioan sartu izanagatik bakarrik, baldin eta ez badira Dokumentuaren lan eratorriak. <link linkend="fdl-cover-texts">Azaleko testu</link>ari dagokion <link linkend="fdl-section3">3. ataleko</link> beteko harak Dokumentuaren kopia hauei aplikatzez eroleratuta baldin badago, Dokumentua agregazioaren banean biltzen duten azaletan bakarrik jar daitezke Azaleko testuak Dokumentua agregazio osoaren laurdenea baino txikiagoa bada. Bestela, agregazio osoa inguratzen duten azaletan jarri behar dira dira testu horiek.

ITZULPENA


AMAIERA

Lizentzia honen baitan espresuki adierazitakoa betetzen ez bada, debekatuta dago <link linkend="fdl-document">Dokumentua</link> kopiatzea, aldatzea, azpilizentziatzea edo banatzea. Dokumentua beste edoetan eratutakoa, aldatu, azpilizentziatu edo banatzeko saio oro deuseza izango da, eta Lizentzia honek ematen dizikizun eskubideak automatikoki kenduko zaizkizun. Dena den, Lizentzia honen banean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak kenduko, baldintza guztiak betetzen dituztenei bitartean.

LIZENTZIA HONEN ETORKIZUNAK


Zuk idatzi tikako dokumentu batean Lizentzia hau erabiltzeko, jar ezazu Lizentziaren kopia bat dokumentuan, eta titulu-orriaren jarraian, berriz, copyrighta eta lizentzia-ohar hauek:

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<abstract role="description">Las licencias que cubren la mayor parte del software están diseñadas para quitarle a usted la libertad de compartirlo y modificarlo. Por el contrario, la Licencia Pública General de GNU pretende garantizarle la libertad de compartir y modificar software libre, para asegurar que el software es libre para todos sus usuarios. </abstract>

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<personname>
<firstname>Daniel Mustieles</firstname>
</personname>
<email>daniel.mustieles@gmail.com</email>
</othercredit>

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Las licencias que cubren la mayor parte del software estn diseñadas para quitarle a usted la libertad de compartirlo y modificarlo. Por el contrario, la Licencia Pública General de GNU pretende garantizarle la libertad de compartir y modificar software libre, para asegurar que el software es libre para todos sus usuarios. Esta Licencia Pública General se aplica a la mayor parte del software del la Free Software Foundation y a cualquier otro programa si sus autores se comprometen a utilizarla. (Existe otro software de la Free Software Foundation que est cubierto por la Licencia Pública General de GNU para Bibliotecas). Si quiere, tambin puede aplicarla a sus propios programas.

Cuando hablamos de software libre, estamos refiriéndonos a libertad, no a precio. Nuestras Licencias Púlicas Generales estn diseñadas para asegurarnos de que tenga la libertad de distribuir copias de software libre (y cobrar por ese servicio si quiere), de que reciba el código fuente o que pueda conseguirlo si lo quiere, de que pueda modificar el software o usar fragmentos de l en programas nuevos libres, y de que sepa que puede hacer todas estas cosas.
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Por ejemplo, si distribuye copias de uno de estos programas, sea gratuitamente, o a cambio de una contraprestación, debe dar a los receptores todos los derechos que tiene. Debe asegurarse de que ellos también reciben, o pueden conseguir, el código fuente. Y debe mostrarles estas condiciones de forma que conozcan sus derechos.

Protegemos sus derechos en dos pasos:

1. **Derechos de copia del software (copyright),** y
2. **Le ofrecemos esta licencia, que le da permiso legal para copiar, distribuir y/o modificar el software.**

También, para la protección de cada autor y la nuestra propia, queremos asegurarnos de que todo el mundo comprende que no se proporciona ninguna garantía para este software libre. Si el software se modifica por cualquiera y a su vez lo distribuye, queremos que sus receptores sepan que lo que tienen no es el original, de forma que cualquier problema introducido por otros no afecte a la reputación de los autores originales.

Finalmente, cualquier programa libre está constantemente amenazado por patentes sobre el software. Queremos evitar el peligro de que los redistribuidores de un programa libre obtengan patentes por su cuenta, convirtiendo de facto el programa en propietario. Para evitar esto, hemos dejado claro que cualquier patente debe ser pedida para el uso libre de cualquiera, o no ser pedida.

Los términos precisos y las condiciones para la copia, distribución y modificación se exponen a continuación.
nicamente si sus contenidos constituyen un trabajo basado en el Programa, independientemente de haberlo producido mediante la ejecución del programa. El que esto se cumpla, depende de lo que haga el programa.</para>

<sect2 id="sect1" label="1">
<title>Sección 1</title>
<para>Usted puede copiar y distribuir copias literales del código fuente del Programa, según lo has recibido, en cualquier medio, supuesto que de forma adecuada y bien visible publique en cada copia un anuncio de copyright adecuado y un repudio de garantía, mantenga intactos todos los anuncios que se refieran a esta Licencia y a la ausencia de garantía, y proporcione a cualquier otro receptor del programa una copia de esta Licencia junto con el Programa.</para>

<para>Puede cobrar un precio por el acto físico de transferir una copia, y puede, según su libre albedrío, ofrecer garantía a cambio de unos honorarios.</para>
</sect2>

<sect2 id="sect2" label="2">
<title>Sección 2</title>
<para>Puede modificar su copia o copias del Programa o de cualquier porción de él, formando de esta manera un trabajo basado en el Programa, y copiar y distribuir esa modificación o trabajo bajo los términos de la <link linkend="sect1">Sección 1</link> anterior, probado que además usted cumpla con todas las siguientes condiciones:

<orderedlist numeration="loweralpha">
<li><para>Debe hacer que los ficheros modificados lleven anuncios prominentes indicando que los ha cambiado y la fecha de cualquier cambio.</para></li>
<li><para>Debe hacer que cualquier trabajo que distribuya o publique y que en todo o en parte contenga o sea derivado del Programa o de cualquier parte de él sea licenciada como un todo, sin carga alguna, a todas las terceras partes y bajo los términos de esta Licencia.</para></li>
<li><para>Si el programa modificado normalmente lee comandos interactivamente cuando se ejecuta, debe hacer que cuando comience su ejecución para dicho uso interactivo de la forma más habitual, muestre o imprima por pantalla un mensaje que incluya un anuncio de copyright y un anuncio de que no se ofrece ninguna garantía (o por el contrario, diciendo que usted proporciona garantía) y que los usuarios pueden redistribuir el programa bajo estas condiciones, e indicando al usuario cómo ver una copia de esta Licencia. <note><title>Excepción</title><para>Si el propio Programa es interactivo pero normalmente no muestra ese anuncio, no se requiere que su trabajo basado en el Programa muestre ningún anuncio.</para></note></para></li>
</orderedlist>
</para>
</sect2>

<para>Estos requisitos se aplican al trabajo modificado como un todo. Si partes identificables de ese trabajo no son derivadas del Programa, y pueden, razonablemente, ser consideradas trabajos independientes y separados por ellos mismos, entonces esta Licencia y sus términos no se aplican a esas partes cuando sean distribuidas como trabajos separados. Pero cuando distribuya esas mismas secciones como partes de un todo que es un trabajo basado...
en el Programa, la distribución del todo debe ser según los términos de esta licencia, cuyos permisos para otros licenciatarios se extienden al todo completo, y por lo tanto a todas y cada una de sus partes, con independencia de quién la escribió.</para>

<para>Por lo tanto, no es la intención de este apartado reclamar derechos o desafiar sus derechos sobre trabajos escritos totalmente por usted mismo. El intento es ejercer el derecho a controlar la distribución de trabajos derivados o colectivos basados en el Programa.</para>

<para>Además, el simple hecho de reunir un trabajo no basado en el Programa con el Programa (o con un trabajo basado en el Programa) en un volumen de almacenamiento o en un medio de distribución no hace que dicho trabajo entre dentro del ámbito cubierto por esta Licencia.</para>

<sect2 id="sect3" label="3">
<title>Sección 3</title>

<para>Puede copiar y distribuir el Programa (o un trabajo basado en él, según se especifica en la Sección 2, como código objeto o en formato ejecutable según los términos de las Secciones 1 y anteriores, supuesto que además cumpla una de las siguientes condiciones: 

<orderedlist numeration="loweralpha">

<listitem>
<para>Acompañarlo con el código fuente leible completo correspondiente, leible por máquinas, que debe ser distribuido según los términos las Secciones 1 y anteriores mencionadas antes en un medio habitualmente utilizado para el intercambio de software, o,</para>
</listitem>

<listitem>
<para>Acompañarlo con una oferta por escrito, válida durante al menos tres años, de proporcionar a cualquier tercera parte una copia completa en formato electrónico del código fuente correspondiente, a un coste no mayor que el de realizar físicamente la distribución del fuente, que ser distribuido bajo las condiciones descritas en los apartados 1 y 2 anteriores, en un medio habitualmente utilizado para el intercambio de programas, o</para>
</listitem>

<listitem>
<para>Acompañarlo con la información que recibiste ofreciendo distribuir el código fuente correspondiente. (Esta opción se permite solo para distribución no comercial y solo si usted recibió el programa como código objeto o en formato ejecutable con tal oferta, de acuerdo con la Subsección b anterior).</para>
</listitem>
</orderedlist></para>

<para>Por código fuente de un trabajo se entiende la forma preferida del trabajo cuando se le hacen modificaciones. Para un trabajo ejecutable, se entiende por código fuente completo todo el código fuente para todos los módulos que contiene, más cualquier fichero asociado de definición de interfaces, más los guiones utilizados para controlar la compilación e instalación del ejecutable. Como excepción especial el código fuente distribuido no necesita incluir nada que sea distribuido normalmente (bien como fuente, bien en forma binaria) con los componentes principales (compilador, núcleo y similares) del sistema operativo en el cual funciona el ejecutable, a no ser que el propio componente acompañe al ejecutable.</para>

<para>Si la distribución del ejecutable o del código objeto se hace mediante la oferta acceso para copiarlo de un
cierto lugar, entonces se considera la oferta de acceso para copiar el código fuente del mismo lugar como distribución del código fuente, incluso aunque terceras partes no estén forzadas a copiar el fuente junto con el código objeto.</para>
</sect2>

<sect2 id="sect4" label="4">
<title>Sección 4</title>

<para>No puede copiar, modificar, sublicenciar o distribuir el Programa excepto como prev expresamente esta Licencia. Cualquier intento de copiar, modificar sublicenciar o distribuir el Programa de otra forma no es válida, y har que cesen automáticamente los derechos que te proporciona esta Licencia. En cualquier caso, las partes que hayan recibido copias o derechos de usted bajo esta Licencia no cesarán en sus derechos mientras esas partes continúen cumpliéndola.</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Sección 5</title>

<para>No estás obligado a aceptar esta licencia, ya que no la ha firmado. Sin embargo, no hay nada más que le proporcione permiso para modificar o distribuir el Programa o sus trabajos derivados. Estas acciones están prohibidas por la ley sí no acepta esta Licencia. Por lo tanto, si modifica o distribuye el Programa (o cualquier trabajo basado en el Programa), estás indicando que acepta esta Licencia para poder hacerlo, y todos sus términos y condiciones para copiar, distribuir o modificar el Programa o trabajos basados en él.</para>
</sect2>

<sect2 id="sect6" label="6">
<title>Sección 6</title>

<para>Cada vez que redistribuya el Programa (o cualquier trabajo basado en el Programa), el receptor recibe automáticamente una licencia del licenciatario original para copiar, distribuir o modificar el Programa, de forma sujeta a estos términos y condiciones. No puede imponer al receptor ninguna restricción sobre el ejercicio de los derechos aquí garantizados. No es usted responsable de hacer cumplir esta licencia por terceras partes.</para>
</sect2>

<sect2 id="sect7" label="7">
<title>Sección 7</title>

<para>Si como consecuencia de una resolución judicial o de una alegación de infracción de patente o por cualquier otra razón (no limitada a asuntos relacionados con patentes) se le imponen condiciones (ya sea por mandato judicial, por acuerdo o por cualquier otra causa) que contradigan las condiciones de esta Licencia, ello no le exime de cumplir las condiciones de esta Licencia. Si no puede realizar distribuciones de forma que se satisfagan simultáneamente sus obligaciones bajo esta licencia y cualquier otra obligación pertinente entonces, como consecuencia, no puede distribuir el Programa de ninguna forma. Por ejemplo, si una patente no permite la redistribución libre de derechos de autor del Programa por parte de todos aquellos que reciban copias directa o indirectamente a través de usted, entonces la nica forma en que podría satisfacer tanto esa condición como esta Licencia sería evitar completamente la distribución del Programa.</para>

<para>Si cualquier porción de este apartado se considera no válida o imposible de cumplir bajo cualquier circunstancia particular ha de cumplirse el resto y la sección por entero ha de cumplirse en cualquier otra
circunstancia.</para>

<para>No es el propósitio de este apartado inducirle a infringir ninguna reivindicación de patente ni de ningún otro derecho de propiedad o impugnar la validez de ninguna de dichas reivindicaciones. Este apartado tiene el nico propósitio de proteger la integridad del sistema de distribución de software libre, que se realiza mediante prácticas de licencia pública. Mucha gente ha hecho contribuciones generosas a la gran variedad de software distribuido mediante ese sistema con la confianza de que el sistema se aplicar consistentemente. Ser el autor/donante quien decida si quiere distribuir software mediante cualquier otro sistema y una licencia no puede imponer esa elección.</para>

<para>Este apartado pretende dejar completamente claro lo que se cree que es una consecuencia del resto de esta Licencia.</para>

<sect2 id="sect8" label="8"> Sección 8 </sect2>

<para>Si la distribución y/u uso de el Programa est restringida en ciertos pases, bien por patentes o por interfaces bajo copyright, el tenedor del copyright que coloca este Programa bajo esta Licencia puede aadir una limitación explícita de distribución geográfica excluyendo esos pases, de forma que la distribución se permita sólo en o entre los pases no excluidos de esta manera. En ese caso, esta Licencia incorporar la limitación como si estuviese escrita en el cuerpo de esta Licencia.</para>

<sect2 id="sect9" label="9"> Sección 9 </sect2>

<para>La Free Software Foundation puede publicar versiones revisadas y/u nuevas de la Licencia Pública General de tiempo en tiempo. Dichas nuevas versiones serán similares en espíritu a la presente versión, pero pueden ser diferentes en detalles para considerar nuevos problemas o situaciones.</para>

<para>Cada versión recibe un número de versión que la distingue de otras. Si el Programa especifica un número de versión de esta Licencia que se aplica a este y a cualquier versión posterior, usted tiene la opción de seguir los términos y condiciones, bien de esa versión, bien de cualquier versión posterior publicada por la Free Software Foundation. Si el Programa no especifica un número de versión de esta Licencia, usted puede escoger cualquier versión publicada por la Free Software Foundation.</para>

<sect2 id="sect10" label="10"> Sección 10 </sect2>

<para>Si quiere incorporar partes del Programa en otros programas libres cuyas condiciones de distribución son diferentes, escribe al autor para pedirle permiso. Si el software tiene copyright de la Free Software Foundation, escribe a la Free Software Foundation: algunas veces hacemos excepciones en estos casos. Nuestra decisión estar guiada por el doble objetivo de de preservar la libertad de todos los derivados de nuestro software libre y promover el que se comparta y reutilice el software en general.</para>

<sect2 id="sect11" label="11">
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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<listitem>
  <para>The modified work must itself be a software library.</para>
</listitem>

<listitem>
  <para>You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.</para>
</listitem>

<listitem>
  <para>You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.</para>
</listitem>

<listitem>
  <para>If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above); and, if the work is an executable linked with the Library, with the complete machine-readable <quote>work that uses the Library</quote>, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
</para>
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<br>
Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
</para>
</listitem>
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<br>
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing this distribution.
</para>
</listitem>
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<br>
If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
</para>
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</listitem>
<br>
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
</para>
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</listitem>
</orderedlist>
For an executable, the required form of the work that uses the Library must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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</para>
</sect2>

<sect2 id="sect13" label="13">
<title>13</title>

<para>/, , ,</para>

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</sect2>

<sect2 id="sect14" label="14">
<title>14</title>

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of all derivatives of our free software and of promoting the sharing
and reuse of software generally.
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</sect2>

<sect2 id="sect15" label="15">
<title>15</title>

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</sect2>

<sect2 id="sect16" label="16">
<title>16</title>

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</sect2>
</article>
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povezujete drugo kodo, morate prejemnikom ponuditi popolne objektne datoteke, tako da jih lahko potem, ko knjino spremenijo, vnovi poveejo s knjino in prevedejo. In morate jim pokazati te pogoje (pravzaprav izvirkor, opomba prevajalca), da bodo poznali svoje pravice.</para>

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Veino programja GNU, vkljuu z nekaterimi knjicami, pokriva navadno Splono dovoljenje GNU. To dovoljenje, Manj sploone dovoljenje GNU, se nanaa na doleone posebne knjine, in se precej razlikuje od navadnega Splonega dovoljenja. To dovoljenje uporabljamo za tiste knjine, za katere elimo omogoiti tudi povezovanje v neproste programe.</para>

Se program povee s knjino, najsibo statino ali pa s pomojo deljene knjine, je kombinacija obojega skupaj, pravno gledano, zdrueno delo, izpeljanka izvirne knjine. Navadno Splono dovoljenje torej dovoljuje takno povezovanje le, e celotna kombinacija zadoa prav tam dolnenim kriterijem svobode. Manj sploone dovoljenje dovoljuje bolj ohlapne pogoje za povezovanje druge kode s knjino.</para>

Tem dovoljenju pravimo <quote>Manj</quote> splono dovoljenje, saj manj zavaruje svobodo uporabnika kot pa navadno Splono dovoljenje. Drugim razvijalcem proste programe tudi ponuja manj prednosti pred konkurennimi neprostdi programi. Te pomanjklivosti so razlog, da smo za tevile knjine uporabili navadno Splono dovoljenje. Vendar Manj sploone dovoljenje v doloenih pogojih pomeni prednost.</para>

Denimo, da v redkih primerih obstaja posebna potreba spodbuditi kar najiro rabo doloene knjine, da bi ta postala de-facto standard. Da lahko to doseemo, mora biti neprostim programom dovoljeno uporabljati to knjino. Pogostej se zgodi, da prosta knjina opravi enako delo kot iroko uporabljane neproste knjine. V tem primeru pridobimo le malo, o omejemo rabo proste knjine le na prosto programje, zato raje uporabimo Manj sploone dovoljenje.</para>

V drugih primerih dovoljenje rabe doloene knjine v neprostdih programeh omogo vejemu tevilo ljudi, da uporabljajo veji obseg proste programja. Dovoljenje za uporabo knjine GNU C v neprostdih programih je, denimo, omogoilo mnogim ljudem, da so uporabljali popoln operacijski sistem GNU, kot tudi njegovo inaco, operacijski sistem GNU/Linux.</para>

eprav Manj sploone dovoljenje manj zaiti uporabnikovo svobodo, pa vendarle zagotavlja, da ima uporabnik programa, ki je povezan s knjino, proste roke pri poganjanju tega programa s spremenjeno razliko te
Dolžila in pogoj za razmnoevanje, razirjanje in spreminjanje. Pozorni bodite na razliko med "delom, ki temelji na knjiniči" in "delom, ki uporablja knjincico". Prvo vsebuje kodo, izpeljano iz knjinece, medtem, ko mora biti drugo kombinirano s knjincico, da lahko tee.

Razdelek 0

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"Knjincica" pomeni zbirko programskih funkcij in/ali podatkov, pripravljenih tako, da jih je mo prirono povezovati z uporabnimi programi (ki uporabljajo nekatere teh funkcij in podatkov), da s tem oblikujemo izvedljive datoteke.

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"Izvorna koda" pri delih pomeni obliko dela, najprimernejo za izdelavo sprememb. Pri knjincici pomeni izvorna koda vso izvorno kodo za vse module, ki jih vsebuje, poleg tega pa e morebitne datoteke z definicijami vmesnika, povezanega s tem delom, ter skripte za nadzor prevajanja in namestitev knjincice.

Dovoljeno je razmnoevati in razirjati dobesedne izvode izvorne kode programa v enaki obliki, kot jo dobite, preko kateregakoli nosilca, je le na vsakem izvodu razlono in primerno objavljeno obvestilo o pravicah razirjanja in zanikanje jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsakmega jamstva pustite nedotaknjena; in da prejmejo vsi drugi prevajalniki programa poleg programa e izvod tega dovoljenja. Razmnojete in razirjate lahko dobesedne izvode izvorne kode knjincice v enaki obliki, kot jo dobite, preko kateregakoli medija, e le na vsakem izvodu razlono in primerno objavite obvestilo o pravicah razirjanja in zanikanju jamstva; vsa obvestila, ki

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se nanaajo na to dovoljenje in odsotnost vsaknega jamstva pustite nedotaknjena; in da prejmejo vsi drugi prejemniki programa poleg programa e izvod tega dovoljenja.</para>

<para>Za fizino dejanje prenosa kopije lahko zaraunavate in po vai presoji lahko ponudite garancijsko zaito v zameno za platilo.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Razdelek 2</title>
<para>Dovoljeno je spreminjati svoj izvod ali izvode knjnine ali katerega koli njenega dela, in tako narediti delo, ki temelji na knjini, ter razmnoevati in razirjati takne spremembe ali dela pod pogoji zgornjega <link linkend="sect1">razdelka 1</link>, e je zadoeno tudi vsem naslednjim pogojem: <orderedlist numeration="loweralpha">
<li>Spremenjeno delo mora biti programska knjina.</li>
<li>Pretrguje obvestila o tem, da so spremenjena, in datum vsake spremembe.</li>
<li>Zagotoviti morate, da je celotno delo brezplano licencirano tretjim osebom pod pogoji te licence.</li>
<li>e se funkcionalnost v spremenjeni knjini sklicuje na funkcijo ali tabelo podatkov, ki jih priskrbi uporabni program, ki to funkcionalnost uporablja, na drug nain kot argument ob klicu funkcionalnosti, morate v dobi veri poskrbeti, da tudi v primeru, ko program ne ponuja take funkcije ali tabele, funkcionalnost e vedno deluje, in izvaja katerikoli del svojega namena, ki e ostaja smiseln.</li>
<li>(Funkcija, ki v neki knjini skrbi za izraun kvadratnih korenov, ima namen, ki je popolnoma dobro definiran in neodvisen od programa. Podrazdelek 2.d. torej zahteva, da katerakoli funkcija ali tabela, ki jo glavni program ponuja tej funkciji, ni obvezna za pravilno delovanje funkcije za izrauna kvadratnih korenov.)</li>
<li>Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je mogoe prepoznati, niso izpeljani iz knjine in jih je mogoe same po sebi utekemeljeno obravnavati kot neodvisna in loena dela, potem to dovoljenje in njegova dovoljka za te razdelke ne velja, e jih razirjate kot loena dela. A e razirjate ste razdelke kot dele celote, ki je delo, ki temelji na knjini, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja uporabe za druge uporabnike dovoljenja se razirijo na vso celoto, in torej na vsak njen del, ne glede na to, kdo ga je napisal.</li>
<li>Namen tega razdelka torej ni, da bi zanikal ali spodbijal vae pravice do dela, ki ste ga v celoti napisal sami; namesto tega je namen razdelka raziriti pravico nadzora nad razirjanjem izpeljanih ali zdruenih del, ki temeljijo na knjini.</li>
<li>Poleg tega zgolj uvranje drugega dela, ki ne temelji na knjini, poleg knjnine (ali poleg dela, ki temelji na knjini), na enoti nosilca ali mediju za razirjanje, se dovoljenje na to drugo delo ne nanaa.</li>
</orderedlist></sect2>
Razdelek 3

Po elji lahko uporabite namesto tega dovoljenja za dani izvod knjinice tudi pogoje navadnega Splonega dovoljenja GNU, e elite to storiti, morate spremeniti vsa sklicevanja na to dovoljenje tako, da se, namesto na to dovoljenje, sklicujete na navadno Splono dovoljenje GNU (angl. GNU General Public License) različice 2. (e obstaja različica navadnega Splonega dovoljenja GNU tevilke, veje od 2, potem lahko, e tako elite, doloite to tevilko različice.) V teh obvestilih ne spreminjajte niesar drugega.

Ko se enkrat zgodi opisana sprememba za dani izvod, je za ta izvod to nepovratno, torej Splono dovoljenje GNU velja tudi za vse nadaljnje izvoide in izpeljana dela, ki izvirajo iz tega izvoda.

Ta monost je uporabna, e elite prepisati del kode knjinice v program, ki ni knjinica.

Razdelek 4

Knjinico (ali delo, ki temelji na njej, pod doloili razdelka 2) je dovoljeno razmnoevati in razirjati v objektini kodii ali izvedljivi obliki pod pogoji zgornjih razdelkov 1 in 2, e jo pospremite s popolno ustrezno strojno berljivo izvorno kodo, ki mora biti razrjana pod pogoji zgornjih razdelkov 1 in 2 na nosilcu, navadno uporabljanem za izmenjavo programja.

e se razriranje objektine kode omogoa s ponujanjem dostopa do izvoda z doloenega mesta, potem pogoju za razriranje izvorne kode zadoa tudi omogoenje enakega dostopa do izvoda izvorne kode, eprav tretje osebe niso dolne razmnoevati izvorne kode poleg objektine kode.

Program, ki ne vsebuje izpeljane nobenega dela knjinice, a je zasnovan tako, da deluje s to knjinico tako, da je z njo preveden ali povezan, se imenuje delo, ki uporablja knjinico. Tako delo samo po sebi ni iz knjinice izpeljano delo, in torej ni predmet te licence.

Vendar povezovanje delo, ki uporablja knjinico s knjinico naredi izvedljivo datoteko, ki je izpeljanka te knjinice (ker vsebuje dele knjinice), in ne delo, ki uporablja knjinico. Izvedljiva datoteka je torej pokrita s to licenco. Pogoje razriranja taknih programov doloa razdelka 6.

e delo, ki uporablja knjinico uporablja snov material iz glave, ki je del knjinice, je lahko objektina koda za delo izpeljano delo iz knjinice, eprav morda izvorna koda ni. Ali je to res je posebej pomembno, e je delo mo povezati brez knjinice, ali pa je delo samo po sebi knjinica. Zakon povsem ne doloa pogojev, pod
katerimi to velja.</para>

<p>e takna objektna datoteka uporablja le numerine parametre, podatkovne strukture in naine dostopa, in male makroukaze in male vkljuene funkcije (dolge deset vrstic ali manj), potem uporaba objektne datoteke ni omejena, ne glede na to, da je pravno gledano izpeljano delo. (Izvedljive datoteke, ki vsebujejo objektne kodo in dele knjine, e vedno podej na izvod in vklju. pod <link linkend="sect6">razdelek 6</link>.)</p>

<p>e je sicer delo izpeljano iz knjine, lahko razirjate izvorno kodo dela pod pogoji <link linkend="sect6">razdelka 6</link>. Katerekoli izvedljive datoteke, ki tudi vsebujejo delo, sodijo pod <link linkend="sect6">razdelek 6</link>, ne glede na to, ali so neposredno povezane s samo knjino ali ne.</p>

<p>e je sicer delo izpeljano iz knjine, lahko razirjate izvorno kodo dela pod pogoji <link linkend="sect6">razdelka 6</link>. Katerekoli izvedljive datoteke, ki tudi vsebujejo delo, sodijo pod <link linkend="sect6">razdelek 6</link>, ne glede na to, ali so neposredno povezane s samo knjino ali ne.</p>

<p>Kot izjemo glede na zgornje razdelke lahko tudi kombinirate ali povezujete <quote>delo, ki uporablja knjino</quote> s knjino, ki izdela delo, ki vsebuje dele knjine, in razirjate to delo pod pogoji po vaj izbiri, e ti pogoji dovoljujejo spreminjanje dela za uporabnikovo lastno rabo in obratni ineniring za razhroevanje taknih sprememb.</p>

<p>Poleg vsakega izvoda dela morate dodati jasno obvestilo, da delo uporablja knjino in da rabo knjine dolo. ta licenca. Oddati morate tudi izvod te licence. e delo med izvajanjem izpisuje pravice razirjanja, morate med njimi vkljui. tudi sporoilo o pravicah razirjanja za knjino, kot tudi sklic, ki usmerja uporabnika na izvod te licence. Narediti morate tudi eno od teh stvari: <orderedlist numeration="loweralpha">

<li>Opremite delo s popolno ustrezno strojno berljivo izvorno kodo za knjino, vkljuno z vsemi spremembami v tem delu (ki mora biti razirjano pod pogoji zgornjih razdelkov <link linkend="sect1">1</link> in <link linkend="sect2">2</link>); in, e delo ni izvedljivo povezano s knjino, popolno strojno berljivo <quote>delo, ki uporablja knjino</quote> s objektno kodo in ali izvorno kodo, tako da lahko uporabnik spremeni knjino in potem vnovi vnovi program, da izdela spremenjeno izvedljivo datoteko, ki vsebuje spremenjen. knjino. (Razume se, da uporabnik, ki spremeni vsebino definicijskih datotev v knjini, morda ne bo mogel vnovi prevesti programa, da bi uporabil spremenjene definicije.)</li>

<li>Opremite delo s pisno ponudbo, veljavno vsaj tri leta, ki ponuja istemu uporabniku gradiva, dolova v zgornjem <link linkend="sect6a">podrazdelku 6a</link>, proti pla. zneska, ki ne presega dejanskih strokov taknega razirjana.</li>

<li>Opremite delo s pisno ponudbo, veljavno vsaj tri leta, ki ponuja istemu uporabniku gradiva, dolova v zgornjem <link linkend="sect6a">podrazdelku 6a</link>, proti pla. zneska, ki ne presega dejanskih strokov taknega razirjana.</li>

</orderedlist>
Preverite, da je uporabnik e prejel izvod teh gradiv ali da ste temu uporabniku izvod e poslali.

Pri izvedljivem delu mora zahtevana oblika dela, ki uporablja knjino dela, ki uporablja knjino vključuje vse podatke in pomone programe, potrebne za ponovno izdelavo izvedljive datoteke iz nje. Vendar - kot posebna izjema - ni nujno, da razirjano gradivo vključuje vse, kar se navadno razirja (v izvorni ali strojni obliki) z vejimi komponentami (prevajalnik, jedro, itn.) operacijskega sistema, na katerem tee izvedljiva datoteka, razen e ta komponenta spremlja izvedljivo datoteko.

Lahko se zgodi, da te zahteve nasprotujejo licennim omejitvam drugih lastnikih knjine, ki navadno ne spremljajo operacijskega sistema. Takno nasprotovanje pomeni, da jih ne morete uporabljati hkrati s knjino v izvedljivi datoteki, ki jo boste razirjali.

Dele knjine, ki so dela, temeljea na Knjini, lahko uvrstite v skupno knjinico z drugimi deli knjine, ki jih ta Licenca ne pokriva, ter razirjate takno kombinirano knjino, e je sicer dovoljeno loeno razirjati Knjino in druge dele knjine, in e naredite naslednji stvari:

Kombinirano knjino pospremite z izvodom istega dela, ki temelji na Knjinici, brez kakrnihkoli dodatnih delov knjine. To se mora razirjati pod pogoji iz zgornjih razdelkov.

Poleg kombinirane knjiice podajte vidno obvestilo, da deli knjine temeljijo na Knjinici, in pojasnite, kje najti ustrezno nekombinirano obliko istega dela.

Knjine ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja, jo povezovati ali razirjati, e to ni izrecno dovoljeno s priujoim dovoljenjem. Vsak sicernji poskus razmnoevanja, spreminjanja, podrejanja dovoljenja, povezovanja ali razirjanja knjine je nien in vam samodejno odvzame pravice, izhajajoe iz tega dovoljenja. Vendar pa se osebam, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler jo v celoti spotujejo.
<para>Ni vam treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam brez slednjega ni ne
dovoljuje spreminjanja ali razirjanja knjnine ali iz nje izpeljanih del. e ne sprejmete tega dovoljenja, so ta dejanja
nezakonita. Orej, s spremembo ali raziranjem knjnine (ali kateregakoli dela, ki temelji na knjiniti) pokaete svoje
strinjanje s tem dovoljenjem in z vsemi njegovimi doloili in pogoji za razmnoevanje, razirjanje ali spreminjanje
knjnine ali del, ki temeljijo na njej.</para>

<sect2 id="sect10" label="10">
<title>Razdelek 10</title>

Vsaki, ko razirjate knjinico (ali katerokoli delo, ki temelji na knjiniti), prejemnik samodejno prejme
dovoljenje izvornega izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, razirjanje, povezovanje ali
spreminjanje knjnine glede na ta doloila in pogoje. Ni dovoljeno vsiljevati nobenih nadaljnjih omejitvev izvajanja
prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem
dovoljenjem.

</sect2>

<para>e so vam, kot posledica presoje sodia ali suma kritve patenta ali iz kateregakoli drugega razloga (ne
omejenega zgolj na patentna vpraanja), vsiljeni pogoji (bodisi z odlokom sodia, sporazumom ali drugae), ki
nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo spotovanja pogojev tega dovoljenja. e knjnike ne morete
razirjati tako, da hkrati zadostite svojim obvezam pod tem dovoljenjem in vsem drugim ustreznim obvezam, potem
posledino sploh ne smete razirjati knjnine. Na primer, e patentno dovoljenje ne dovoli razirjanja knjnine brez
plaevanja avtorskega honorarja vseh, ki prejmejo izvode neposredno ali posredno od vas, potem je edina mona pot,
da zadostite temu pogoju in temu dovoljenju, ta, da se v celoti vzdržite razirjanja knjnine. </para>

<para>e se za katerikoli del tega razdelka ugotovi, da je neveljaven ali da ga ni mogoe izvajati pod nobenim
doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota
velja v drugih primerih. </para>

<para>Namen tega razdelka ni, da bi vas napeljeval h kritvi patentov ali drugih trditev lastnita pravic ali
izpodbijal veljavnost katerihkoli taknih trditev; edini namen tega razdelka je itenje integritete sistema razirjanja
proste programske opreme, ki je izveden s prakso javnih dovoljenj. Mnogi ljudje so radodarno prispevali k irokemu
naboru programske opreme, razirjane preko tega sistema, v upanju na njegovo dosledno izvajanje; od avtorja/dajalca
je odvisno, e je pripravljen razirjati programje skozi katerikoli drug sistem, in izdajatelj dovoljenja ne more
vsiljevati te izbire. </para>

<para>Ta razdelek namerava temeljito pojasniti, kaj so predvidene posledice preostalega besedila
dovoljenja. </para>

</sect2>

<sect2 id="sect12" label="12">
<title>Razdelek 12</title>

</sect2>
e sta razirjanje in/ali uporaba knjnine v določenih dravah omejena, bodisi zaradi patentov ali avtorsko zaitenih vmesnikov, lahko izvorni lastnik ali lastnica avtorskih pravic, ki postavlja knjnicico pod to dovoljenje, doda izrecno zemljepisno omejitev razirjanja, ki izključuje te drave, tako da je razirjanje dovoljeno le v in med dravami, ki niso na tak način izključene. V takem primeru to dovoljenje vključuje omejitve, kot da so zapisane v besedilu tega dovoljenja.</para>

</sect2>

<sect2 id="sect13" label="13">
<title>Razdelek 13</title>

<para>Ustanova Free Software Foundation lahko od asa do asa izdaja preurejene in/ali nove različice Manj splošnega dovoljenja (angl. Lesser General Public License). Nove različice bodo pisane v duhu trenutne različice, vendar se lahko razlikujejo v podrobnostih, ki bodo obravnavale nove teave ali poglede.</para>

</sect2>

<sect2 id="sect14" label="14">
<title>Razdelek 14</title>

<para>e elite vključiti dele knjnine v drugo prosto programsko opremo, katere pogoji razirjanja so drugani od teh, piite avtorju in ga proseite za dovoljenje. Za programje, katerega pravice razirjanja ima Free Software Foundation, piite na Free Software Foundation; vasih pri tem naredimo izjemo. Nao odloitev bosta vodila dva cilja: ohranitev prostega statusa vseh izvedenih del iz nae proste programske opreme in spodbujanje razdeljevanja in ponovne uporabe programja na splono.</para>

</sect2>

<sect2 id="sect15" label="15">
<title>BREZ JAMSTVA</title>

<subtitle>Razdelek 15</subtitle>

<para>KER JE KNJINICA Z DOVOLJENJEM OPREDELJENA KOT BREZPLANA, NI NOBENEGA JAMSTVA ZA KNJINICO DO MEJE, KI JO DOLOA PRISTOJNI ZAKON. E NI DRUGAE ZAPISANO, IMETNIKI PRAVIC RAZIRJANJA IN/ALI DRUGE OSEBE PONUJAAO KNJINICO <quote>TAKNO, KOT JE</quote>, BREZ ZAGOTOVILA KAKRNE KOLI VRSTE, NEPOSREDNEGA ALI POSREDNEGA, KAR VKLJUUJE, A NI OMEJENO NA POSREDNA JAMSTVA CENOVNE VREDNOSTI IN PRIMERNOSTI ZA DOLOENO RABO. CELOTNO TVEGANJE GLEDE KAKOVOSTI IN DELOVANJA KNJINICE PREVZAMETE SAMI. E SE KNJINICA IZKAAE ZA OKVARIJENO, SAMI NOSITE STROKE VSEH POTREBNIH STORITEV, POPRAVIL ALI POPRAVKOV.</para>

</sect2>

<sect2 id="sect16" label="16">
<title>Razdelek 16</title>

</sect2>
V NOBENEM PRIMERU, RAZEN E TAKO PRAVI VELJAVNI ZAKON ALI JE PISNO
DOGOVORJENO, NE BO LASTNIK PRAVIC RAZIRJANJA ALI KATERAKOLI DRUGA OSEBA, KI LAHKO
SPREMENI IN/ALI PONOVNO RAZIRJA KNJINICO, KOT JE DOVOLJENO ZGORAJ, PREVZEL
ODGOVORNOSTI ZARADI KODE, NAJSI GRE ZA SPLONO, POSEBNO, NENAMERNO KODO ALI KODO,
IZHAJAJO OZ UPORABE ALI NEZMONT KDO KNJINICE (VKLJUNO Z, A NE OMEJENO NA,
IZGUBO PODATKOV ALI NENATANNO OBDELAVO PODATKOV ALI IZGUBO, POVZROENO VAM ALI
TRETIM OSEBAM ALI NEZMONT KNJINICE, DA BI DELOVALA S KAKO DRUGO PROGRAMSKO
OPREMO), ETUDI JE BIL TAK LASTNIK ALI DRUGA OSEBA OBVEEN O MONOSTI NASTANKA TAKNE
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<para>Es folgen die genauen Bedingungen fr die Vervielfltigung, Verbreitung und Bearbeitung:</para>

</sect1>

<sect1 id="terms" label="none">
<title>Bedingungen fr die Vervielfltigung, Verbreitung und Bearbeitung</title>

<sect2 id="sect0" label="0">
<title>Paragraph 0</title>

<para>Diese Lizenz gilt fr jedes Programm und jedes andere Datenwerk, in dem ein entsprechender Vermerk des Copyright-Inhabers darauf hinweist, da das Datenwerk unter den Bestimmungen dieser General Public License verbreitet werden darf. Im folgenden wird jedes derartige Programm oder Datenwerk als ,das <quote>Programm</quote> bezeichnet; die Formulierung <quote>auf dem Programm basierendes Datenwerk</quote> bezeichnet das Programm sowie jegliche Bearbeitung des Programms im urheberrechtlichen Sinne, also ein Datenwerk, welches das Programm, auch auszugsweise, sei es unverndert oder verndert und/oder in eine andere Sprache bersetzt, enthlt. (Im folgenden wird die bersetzung ohne Einschrnkung als <quote>Bearbeitung</quote> eingestuft.) Jeder Lizenznehmer wird im folgenden als <quote>Sie</quote> angesprochen.</para>

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</sect2>

<sect2 id="sect1" label="1">
<title>Paragraph 1</title>

<para>Sie drfen auf beliebigen Medien unvernderte Kopien des Quelltextes des Programms, wie sie ihn erhalten haben, anfertigen und verbreiten. Voraussetzung hierfr ist, dass Sie mit jeder Kopie einen entsprechenden Copyright-Vermerk sowie einen Haftungsausschluss verffentlichen, alle Vermerke, die sich auf diese Lizenz und das Fehlen einer Garantie beziehen, unverndert lassen und des weiteren allen anderen Empfngern des Programms zusammen mit dem Programm eine Kopie dieser Lizenz zukommen lassen.</para>

<para>Sie drfen fr den eigentlichen Kopiervorgang eine Gebhr verlangen. Wenn Sie es wnschen, drfen Sie auch gegen Entgelt eine Garantie fr das Programm anbieten.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Paragraph 2</title>

<para>Sie drfen Ihre Kopie(n) des Programms oder eines Teils davon verndern, wodurch ein auf dem Programm basierendes Datenwerk entsteht; Sie drfen derartige Bearbeitungen unter den Bestimmungen von <link linkend="sect1">Paragraph 1</link> vervielfltigen und verbreiten, vorausgesetzt, dass zuszlich alle im folgenden genannten Bedingungen erfllt werden: <orderedlist numeration="loweralpha">
Sie müssen die veränderten Dateien mit einem auffälligen Vermerk versehen, der auf die von Ihnen vorgenommene Modifizierung und das Datum jeder Änderung hinweist.

Sie müssen dafür sorgen, dass jede von Ihnen verbreitete oder veröffentlichte Arbeit, die ganz oder teilweise von dem Programm oder Teilen davon abgeleitet ist, Dritten gegenüber als Ganzes unter den Bedingungen dieser Lizenz ohne Lizenzgebühren zur Verfügung gestellt wird.

Wenn das veränderte Programm normalerweise bei der Ausführung interaktiv Kommandos einliest, müssen Sie dafür sorgen, dass es, wenn es auf dem blichsten Wege für solche interaktive Nutzung gestartet wird, eine Meldung ausgibt oder ausdruckt, die einen geeigneten Copyright-Vermerk enthält sowie einen Hinweis, da es keine Gewährleistung gibt (oder anderenfalls, da Sie Garantie leisten), und da die Benutzer das Programm unter diesen Bedingungen weiter verbreiten dürfen. Auch muß der Benutzer darauf hingewiesen werden, wie er eine Kopie dieser Lizenz ansehen kann.

Diese Anforderungen gelten für das bearbeitete Datenwerk als Ganzes. Wenn identifizierbare Teile des Datenwerkes nicht von dem Programm abgeleitet sind und vernünftigerweise als unabhängige und eigenständige Datenwerke sich selbst zu betrachten sind, dann gelten diese Lizenz und ihre Bedingungen nicht für die betroffenen Teile, wenn Sie diese als eigenständige Datenwerke weitergeben. Wenn Sie jedoch dieselben Abschnitte als Teil eines Ganzen weitergeben, das ein auf dem Programm basierendes Datenwerk darstellt, dann muss die Weitergabe des Ganzen nach den Bedingungen dieser Lizenz erfolgen, deren Bedingungen für weitere Lizenznehmer somit auf das gesamte Ganze ausgedehnt werden - und somit auf jeden einzelnen Teil, unabhängig vom jeweiligen Autor.

Somit ist es nicht die Absicht dieses Abschnittes, Rechte für Datenwerke in Anspruch zu nehmen oder Ihnen die Rechte für Datenwerke streitig zu machen, die komplett von Ihnen geschrieben wurden; vielmehr ist es die Absicht, die Rechte zur Kontrolle der Verbreitung von Datenwerken, die auf dem Programm basieren oder unter seiner auszugsweisen Verwendung zusammengestellt worden sind, auszublenden.

Ferner bringt auch das einfache Zusammenlegen eines anderen Datenwerkes, das nicht auf dem Programm basiert, mit dem Programm oder einem auf dem Programm basierenden Datenwerk auf ein- und demselben Speicher- oder Vertriebsmedium dieses andere Datenwerk nicht in den Anwendungsbereich dieser Lizenz.
linkend="sect1">1</link> und <link linkend="sect2">2</link> kopieren und weitergeben - vorausgesetzt, dass Sie außerdem eine der folgenden Leistungen erbringen: <orderedlist numeration="loweralpha">
  <listitem>
    <para>Liefern Sie das Programm zusammen mit dem vollständigen zugehorigen maschinenlesbaren Quelltext auf einem für den Datenaustausch blichen Medium aus, wobei die Verteilung unter den Bedingungen der Paragraphen 1 und 2 erfolgen mu. Oder:</para>
  </listitem>
  <listitem>
    <para>Liefern Sie das Programm zusammen mit einem mindestens drei Jahre lang glütigen schriftlichen Angebot aus, jedem Dritten eine vollständige maschinenlesbare Kopie des Quelltextes zur Verfügung zu stellen - zu nicht hheren Kosten als denen, die durch den physikalischen Kopiervorgang anfallen -, wobei der Quelltext unter den Bedingungen der Paragraphen 1 und 2 auf einem für den Datenaustausch blichen Medium weitergegeben wird. Oder:</para>
  </listitem>
  <listitem>
    <para>Liefern Sie das Programm zusammen mit dem schriftlichen Angebot der Zurverfügungstellung des Quelltextes aus, das Sie selbst erhalten haben. (Diese Alternative ist nur für nicht-kommerzielle Verbreitung zulässig und nur, wenn Sie das Programm als Objectcode oder in ausführbarer Form mit einem entsprechenden Angebot gem Absatz b erhalten haben.)</para>
  </listitem>
</orderedlist>

<para>Unter dem Quelltext eines Datenwerkes wird diejenige Form des Datenwerkes verstanden, die für Bearbeitungen vorzugsweise verwendet wird. Für ein ausführbares Programm bedeutet „der komplette Quelltext“: Der Quelltext aller im Programm enthaltenen Module einschließlich aller zugehörigen Modulschnittstellen-Definitionsdateien sowie der zur Compilation und Installation verwendeten Skripte. Als besondere Ausnahme jedoch braucht der verteilte Quelltext nichts von dem zu enthalten, was blicherweise (entweder als Quelltext oder in binärer Form) zusammen mit den Hauptkomponenten des Betriebssystems (Kernel, Compiler usw.) geliefert wird, unter dem das Programm läuft - es sei denn, diese Komponente selbst gehört zum ausführbaren Programm.</para>

<para>Wenn die Verbreitung eines ausführbaren Programms oder von Objectcode dadurch erfolgt, da der Kopierzugriff auf eine dafür vorgesehene Stelle gewährt wird, so gilt die Gewährung eines gleichwertigen Zugriffs auf den Quelltext als Verbreitung des Quelltextes, auch wenn Dritte nicht dazu gezwungen sind, den Quelltext zusammen mit dem Objectcode zu kopieren.</para>

<title>Paragraph 4</title>

<para>Sie dürfen das Programm nicht vervielfältigen, verndern, weiter lizenzieren oder verbreiten, sofern es nicht durch diese Lizenz ausdrücklich gestattet ist. Jeder anderweitige Versuch der Vervielfältigung, Modifizierung, Weiterlizenzierung und Verbreitung ist nichtig und beendet automatisch Ihre Rechte unter dieser Lizenz. Jedoch werden die Lizenzn Dritter, die von Ihnen Kopien oder Rechte unter dieser Lizenz erhalten haben, nicht beendet, solange diese die Lizenz voll anerkennen und befolgen.</para>

<title>Paragraph 5</title>
Sie sind nicht verpflichtet, diese Lizenz anzunehmen, da Sie sie nicht unterzeichnet haben. Jedoch gibt Ihnen nichts anderes die Erlaubnis, das Programm oder von ihm abgeleitete Datenwerke zu verändern oder zu verbreiten. Diese Handlungen sind gesetzlich verboten, wenn Sie diese Lizenz nicht anerkennen. Indem Sie das Programm (oder ein darauf basierendes Datenwerk) verändern oder verbreiten, erklären Sie Ihr Einverständnis mit dieser Lizenz und mit allen ihren Bedingungen bezüglich der Vervielfältigung, Verbreitung und Veränderung des Programms oder eines darauf basierenden Datenwerks. 

Jedesmal, wenn Sie das Programm (oder ein auf dem Programm basierendes Datenwerk) weitergeben, erhält der Empfänger automatisch vom ursprünglichen Lizenzgeber die Lizenz, das Programm entsprechend den hier festgelegten Bestimmungen zu vervielfältigen, zu verbreiten und zu verändern. Sie dürfen keine weiteren Einschränkungen der Durchsetzung der hierin zugestandenen Rechte des Empfängers vornehmen. Sie sind nicht dafür verantwortlich, die Einhaltung dieser Lizenz durch Dritte durchzusetzen.

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Sollte sich ein Teil dieses Paragraphen als ungültig oder unter bestimmten Umständen nicht durchsetzbar erweisen, so soll dieser Paragraph seinem Sinne nach angewandt werden; im brigen soll dieser Paragraph als Ganzes gelten.

Zweck dieses Paragraphen ist nicht, Sie dazu zu bringen, irgendwelche Patente oder andere Eigentumsansprüche zu verletzen oder die Gültigkeit solcher Ansprüche zu bestreiten; dieser Paragraph hat einzig den Zweck, die Integrität des Verteilungssystems der freien Software zu schützen, das durch die Praxis öffentlicher Lizenzen verwirklicht wird. Viele Leute haben großzügige Beiträge zu dem groben Angebot der mit diesem System verbreiteten Software im Vertrauen auf die konsistente Anwendung dieses Systems geleistet; es liegt am Autor/Geber, zu entscheiden, ob er die Software mittels irgendeines anderen Systems verbreiten will; ein Lizenznehmer hat auf diese Entscheidung keinen Einfluss.

Dieser Paragraph ist dazu gedacht, deutlich klarzustellen, was als Konsequenz aus dem Rest dieser Lizenz betrachtet wird.
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Da das Programm ohne jegliche Kosten lizenziert wird, besteht keinerlei Gewährleistung für das Programm, soweit dies gesetzlich zulässig ist. Sofern nicht anderweitig schriftlich bestätigt, stellen die Copyright-Inhaber und/oder Dritte das Programm so zur Verfügung, wie es ist, ohne irgendeine Gewährleistung, weder ausdrücklich noch implizit, einschließlich - aber nicht begrenzt auf - Marktreife oder Verwendbarkeit für einen bestimmten Zweck. Das volle Risiko bezüglich Qualität und Leistungsfähigkeit des Programms liegt bei Ihnen. Sollte sich das Programm als fehlerhaft herausstellen, liegen die Kosten für notwendigen Service, Reparatur oder Korrektur bei Ihnen.
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Licence veine softvera su namenjene oduzimanju vae slobode njegovog deljenja i menjanja. Nasuprot tome, GNU Opta javna licenca je osmiljena da garantuje vau slobodu deljenja i razmere slobodnog softvera da bi osigurala slobodu softvera za sve njegove korisnike. Ova Opta javna licenca se primenjuje na veinu softvera Zadubine slobodnog softvera i na svaki drugi softver iji se autori obaveu na njeno korjenje. (Neki drugi softver Zadubine slobodnog softvera je pokriven GNU Bibliotekom optom javnom licencom.) I vi takoe moete da je primenite na vae programe.

Kada govorimo o slobodnom softveru, mislimo na slobodu, a ne na cenu. Nae Opte javne licence su osmiljena da osiguraju da vi imate slobodu da raspodeljujete primerke slobodnog softvera kako bi osigurala slobodu softvera za sve njegove korisnike. Ova Opta javna licenca se primenjuje na veinu softvera Zadubine slobodnog softvera i na svaki drugi softver iji se autori obaveu na njeno korjenje. (Neki drugi softver Zadubine slobodnog softvera je pokriven GNU Bibliotekom optom javnom licencom.) I vi takoe moete da je primenite na vae programe.

Da bismo zatitili vaa prava, moramo da napravimo ograničenja koja zabranjuju bilo kome da vam uskrati ta prava ili da od vas zatrai da se odreknete istih. Ova ograničenja se odnose na neke vae odgovornosti ako raspodeljujete primerke softvera ili ako ga menjate.

Na primer, ako raspodeljujete primerke takvog programa, bilo bez ili uz novu nadoknadu, morate i primacima da date sva prava koja posedujete. Morate da se osigurate da i oni, takoe, prime ili da mogu da nabave izvorni kd. I morate da im pokaete ove odredbe kako bi se upoznali sa svojim pravima.

We protect your rights with two steps:
Takoe, zbog zatite svakog autora a i nae, elim do se osiguramo da svako razume da ne postoji garancija za taj slobodan softver. Ako je softver izmenio neko drugi i prosledio ga, elim do njegovi primaoci znaju da ono to oni imaju nije original, tako da bilo koji problem koji uvede neko drugi nee da se odrazi na ugled autora originala.

Najzad, svi slobodni programi su neprekidno ugroeni softverskim patentima. elim do izbegnemo opasnost da raspodeljivai slobodnog programa pojedinano nabave licence patenta, i da zapravo uine program vlasnikim. Da bismo ovo spreli, jasno smo naznaili da svaki patent mora biti licenciran za svaije slobodno korienje ili da ne bude licenciran uopte.

Tane odredbe i uslovi za umnoavanje, raspodelu i izmene slede.
<sect2 id="sect1" label="1">
<title>Odeljak 1</title>
<para>Moete da umnoavate i raspodeljujete verbatim (cd) primerke izvornog kda programa odmah im ga prmite, na bilo kom medijumu, uz uslov da upadljivo i na odgovarajui nain objavite na svakom primerku odgovarajue obavetenje o autorskim pravima i odricanje od garancije; da zadrite netaknuta sva obavetenja koja se odnose na ovu licencu i odsustvo bilo kakve garancije; i da date svim drugim primacima Programa primerak ove licence uz Program.</para>

<para>Moete da naplatite nadoknadu za fiziki in prenosa primerka, i moete po vaem izboru da ponudite zatitu garancijom u zamenu za nadoknadu.</para>
</sect2>

<sect2 id="sect2" label="2">
<title>Odeljak 2</title>
<para>You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

<orderedlist numeration="loweralpha">
<li><para>You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.</para></li>
<li><para>You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.</para></li>
<li><para>If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.</para></li>
</orderedlist>
</para>
<title>Exception:</title>
<para>
</para>
</sect2>
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

</para>

</note>

</para>

</listitem>

</orderedlist>

</para>

<para>Ovi zahtevi se odnose na izmenjeno delo kao celinu. Ako prepoznatljivi delovi takvog dela nisu izvedeni iz Programa, i mogu biti razumno smatrani nezavisnim i odvojenim delima za sebe, onda se ova Licenca, i njene odredbe, ne odnosi na te delove kada ih raspodeljujete kao odvojena dela. Ali kada raspodeljujete iste delove kao deo celine koja je delo zasnovano na Programu, raspodela celine mora biti pod odredbama ove Licence, ija se ovlaenja za druge licence proiruju na itavu celinu, a time i na svaki i na bilo koji deo bez obzira ko ga je napisao.</para>

</para>Dakle, nije namera ovog odeljka da zahteva prava ili da osporava vaa prava na delo koje ste vi u potpunosti napisali; ve mu je namera da ostvari pravo da kontrolie raspodelu izvedenih ili zajednikih dela zasnovanih na Programu.</para>

</para>Pored toga, samo prisajedinjenje Programu Drugog dela koje nije zasnovano na Programu (ili delu zasnovanom na Programu) na jedinicu skladitenja ili na medijum za raspodelu ne dovodi drugo delo pod okvir ove Licence.</para>

</sect2>

<sect2 id="sect3" label="3">
<title>Odeljak 3</title>

</sect2>

<para>You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following:

<orderedlist numeration="loweralpha">
  <listitem>
    <para>Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,
  </para>
  </listitem>
  <listitem>
    <para>Accompany it with a written offer, valid for at least three years, to give any
third party, for a charge no more than your cost of physically performing source
distribution, a complete machine-readable copy of the corresponding source code,
to be distributed under the terms of Sections 1 and 2 above on a medium customarily
used for software interchange; or,
</para>
</listitem>
</listitem>
</para>
Accompany it with the information you received as to the offer to distribute
corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form
with such an offer, in accord with Subsection b above.)
</para>
</listitem>
</orderedlist>
</para>

Izvorni kd dela podrazumeva eljeni oblik dela za unoenje izmena na njemu. Za izvorni oblik dela, potpuni
izvorni kd podrazumeva sav izvorni kd svih modula koje sadri, sa dodatkom svih datoteka definicije suelja, svih
skripti korišenih za kontrolisanje prevoenja i instaliranja izvornog izdanja. Meutim, kao poseban izuzetak, raspodeljeni
izvorni kd ne mora da ukljuje sve ono to se obino raspodeljuje (bilo u izvornom ili izvrnom obliku) sa glavnim
komponentama (prevodiocem, jezgrom, i tako dalje) operativnog sistema na kojem se pokree izvrna datoteka, osim
ukoliko se sama ta komponenta ne isporuue uz izvrunu datoteku.</para>

<Ako se raspodela izvrnog ili objektnog kda vri nuenjem pristupa za umnoavanje sa odreenog mesta, onda
se nuenje istovetnog pristupa umnoavanju izvornog kda sa istog mesta rauna kao raspodela izvornog kda, ak i ako se
od tree strane ne zahteva da umnoava izvorni kd zajedno sa objektnim kdom.</para>

Odeljak 4

Ne smete umnoavati, menjati, podlicencirati ili raspodeljivati Program izuzev pod izriitim odredbama ove
licence. Svaki pokuaj da na drugi nain umnoite, menjate, podlicencirate ili raspodeljivate Program je nitavan, i
automatski e ukinuti vaa prava pod ovom licencom. Meutim, stranama koje su od vas primile primerke ili prava pod
ovom Licencom nee biti ukinute njihove licence sve dok takve strane ostanu u potpunoj saglasnosti.</para>

Odeljak 5

Niste obavezni da prihvatite ovu licencu, poto je niste ni potpisali. Meutim, nita drugo vam ne dozvoljava
da menjate ili raspodeljivate Program ili izvedena dela. Te radnje su zabranjene zakonom ukoliko ne prihvatite ovu
licencu. Tako, menjanjem ili raspodeljivanjem Programa (ili dela zasnovanog na Programu), vi prihvatate ovu
Licencu, i sve njene odredbe i uslove za umnoavanje, raspodelu ili menjanje Programa ili dela zasnovanih na
njemu.</para>
Svaki put kada raspodeljujete Program (ili bilo koje delo zasnovano na Programu), primalac automatski prima licencu od prvobitnog davaoca licence za unnoavanje, raspodelu ili menjanje Programa prema ovim odredbama i uslovima. Vi ne moete primacu da nametnete nikakva dalja ograničenja na bilo kakvo korjenje ovde garantovanih prava. Vi niste odgovorni za primenu saglasnosti od strane treh lica na ove licence.

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Ovaj odeljak je namenjen da detaljnije razjasni ono to se veruje da je posledica ostatka ove licence.

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Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
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Mi ngi u uc quyn sao chp v phn phi nguyn vn ti liu giy php ny, nhng khng c php thay i n.

Giy php s dng ca hu ht cc phn mm c thit k bn khng c t do chia s v thay i phn mm . Tri li, Giy php Cng cng GNU d nh m bo cho bn c t do chia s v thay i phn mm mt cch t do. v m bo phn mm t do
Giáy php sử dụng tại máy chủ được cấu hình như sau: s v thay i phn mm . Tri lì, Giáy php Cng cng GNU đnh m bo cho bn c t do chia s v thay i phn mm mt ceh t do, v m bo phn mm t do cho mi ngi s dng. Giáy php Cng cng GNU ny p dng cho hu ht nhng phn mm ca T chc Phn mm T do, v cho bt k chng trnh my thnh no khc m tc gi ca n cam kt s dng n. (Mt s phn mm khc ca T chc Phn mm T do dng Giáy php Th vin Cng cng GNU thay th.) Bn cng c th p dng giáy php ny cho cc chng trnh do bn lm ra.

Khi chng ti ni v phn mm t do, chng ti cp n s t do s dng, ch khng phi l gi c. Giáy php Cng cng GNU ca chng ti c thit k m bo bn c quyn t do phth hh bh bn sao ca phn mm t do (v thu tin dch v ny nu mun), nhn m ngun hoc c kh ng ly n nu bn mn, bn c th thay i phn mm hay s dng bt k on no ca n trong chng trnh t do mi; v gip bn bit r l bn c th lm nhng iu ny.

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<sect1 id="terms" label="none">
<title>IU KIN SAO CHP, PHT HNH V SA I</title>

<sect2 id="sect0" label="0">
<title>Phn 0</title>
<para>Giy php ny p dng cho bt k chng trnh no hay sn phm no khc c thng bo c chn vo bi nghi gi tc quyn ni rng n c th c pht hnh theo cc iu khon ca GPL ny. Cm t Chng trnh di y c nga l bt k chng trnh my thnh hay sn phm nh vy, v sn phm da trn Chng trnh c nga l Chng trnh hay bt k sn phm no bt ngun t n di lut bn quyn: tc l, sn phm cha Chng trnh hay mt pht ca n, hoc ng nguyn vn hoc vi s sa i v/hoc c dch sang mt ngn ng khc. (K t cu ny, vic dch ngn ng c bao gm v hn trong thut ng s sa i.) Ngi c cp Giy php c gi l bn.</para>

<para>Nhng hot ng khc ngoi s sao chp, pht hnh v sa i khng c kim sot bi Giy php ny; n ngoi phm vi ca giy php ny. Hnh ng chy Chng trnh khng b hn ch, v d liu xut t Chng trnh ch b khng ch nu ni dung ca n to thnh mt sn phm da vo Chng trnh (khng ph thuc vo vic vn hnh Chng trnh). iu ng hay khng ph thuc vo iu m Chng trnh to ra.</para>

<sect2 id="sect1" label="1">
<title>Phn 1</title>
<para>Bn c quyn sao chp v pht hnh bn sao ng nguyn vn ca m ngun ca Chng trnh nh bn nhn n, bng bt k cch no, min l bn cng b r rng v thch ng trn mi bn sao mt thng bo tc quyn thch hp v min tr bo hnh; gi nguyn vn mi thng bo lin quan n Giy php ny v min tr bo hnh; v a cho nhng nghi nhn Chng trnh khc mt bn sao ca Giy php cng vi Chng trnh.</para>

<para>Bn c th thu ph cho vic gi bn sao, v bn c th ty ngh cung cp dch v bo hnh c thu ph.</para>

<sect2 id="sect2" label="2">
<title>Phn 2</title>
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Mạng ung ca sn phm c ngha l dung the sn phm c a thch khi sa i n. i vi sn phm l tp tin chy c, ton b m ngun c ngha l tt c cc m ngun cho mi m-un cha, cng vi bt c tp tin xc nh gia din tng ng, cng vi cc tp lnh c dng iu khin tin trnh bin dich v ci t tp tin chy c. Tuy nhin, ngoi l c bit l m ngun c phl hnh khng cn phi bao gm nhng g c phl hnh bnh thng (trong dng the hoc ngun hoc nh phn) vi cc thnh phn chnh (b bin dich, ht nhn v.v.) ca h iu hnh ni tp tin chy c hot ng, tr khi thnh phn km theo cn thit chy tp tin.</n>

Nhung ca sn phm c ngha l dung the sn phm c a thch khi sa i n. i vi sn phm l tp tin chy c, ton b m ngun c ngha l tt c cc m ngun cho mi m-un cha, cng vi bt c tp tin xc nh gia din tng ng, cng vi cc tp lnh c dng iu khin tin trnh bin dich v ci t tp tin chy c. Tuy nhin, ngoi l c bit l m ngun c phl hnh khng cn phi bao gm nhng g c phl hnh bnh thng (trong dng the hoc ngun hoc nh phn) vi cc thnh phn chnh (b bin dich, ht nhn v.v.) ca h iu hnh ni tp tin chy c hot ng, tr khi thnh phn km theo cn thit chy tp tin.</n>
<para>Khong cho php bn sao chp, sa i, cp giy php ph hay pht hnh Chng trnh, tr vi iu kin c din t dt khot trong Giy php ny. Bt k s c gng no trong vic sao chp, sa i, cp giy php ph hay pht hnh Chng trnh bng cch khec b bi b, v s kt the cc quy n ca bn di Giy php ny. Tuy nhin, ngi khc nhn bn sao hay quy n t bn di Giy php ny s khng b nh hng, min l h tip tכ tun theo hon ton.</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Phn 5</title>

<para>Bn khng bt buc phi chp nhn Giy php ny, v bn cha k tn vo n. Tuy nhin, khng c g khec cho php bn sa i hay pht hnh Chng trnh hay sn phm bt ngun t n. Cc hnh ng ny b php lut cm nu bn khng chp nhn Giy php ny. V vy, bng cch sa i hay pht hnh Chng trnh (hay sn phm da vo n), bn ng s chp nhn Giy php ny lm nh th, gm mi iu kin sao chp, pht hnh hay sa i Chng trnh hay sn phm da vo n.</para>
</sect2>

<sect2 id="sect6" label="6">
<title>Phn 6</title>

<para>Mi ln bn pt hnh lì Chng trnh (hay sn phm da vo n), nghi nhn c th nhn t ng mt giy php t nghi cp gc, sao chp, pht hnh hay sa i Chng trnh vi iu kin ny. Khng cho php bn hn ch thm cch ngi dng s dng cc quy n c cp trong Giy php ny. Bn cng khng phi chu trch nhm v vic p buc nghi khc tun theo iu kin ca Giy php ny.</para>
</sect2>

<sect2 id="sect7" label="7">
<title>Phn 7</title>

<para>Nu, do kt qu ca quy n nh ca to n hay cc co buc vi phm bng sng ch hay v bt c l do no (khng b gii hn trong vn bng sng ch), bn b p buc chp nhn iu kin (hoc v quy n nh ca to n, s tho thun hoc cch khec no) m mu thun iu kin ca Giy php ny, trng hp ny khng min cho bn khng phi th a mn iu kin ca Giy php ny. Nu bn khng th pt hnh bng cch th a mn ng thi cc gia o c ca bn di Giy php ny v bt k gia o c thc hp khec, th kt qu l khng cho php bn pt hnh Chng trnh bng cch no c. Ly th d, nu mt bng sng ch no khng cho php s pt hnh lì Chng trnh mt cch min tin bn quy n pt minh cho mi nghi nhn bn sao t bn mt cch trc tip hay gin tip, th cch duy nh nt bn c th tha c bng v Giy php ny l hon ton khng pt hnh Chng trnh.</para>

<para>Nu on no trong phn ny c quy n l khng hp l hay khng th c p buc trong bt k trng hp ring no, on cn l i d nh p dng c, v ton b phn d nh p dng trong cc trng hp khec.</para>
</sect2>

<para>Khung phi l mc ch ca phn ny xi giéc bn vi phm bng sng ch no hay li yu sch quy n ti sn khec, hoc khng tha nhn s hp l ca li yu sch nh vy; phn ny c mc ch duy nh l bo v tn trng nguy n vn ca h thng pt hnh phn mm t do, m c thc thi bi cc p dng giy php cng cng. Nhieu ngi ng gp rng lng cho mt phm v rng ca cc phn mm c pt hnh qua h thng, nh s thc thi nn b h thng : ty tc gi / ngi trng quy n nh nu h mun pt hnh phn mm qua h thng khec no, v nghi c cp Giy php khng th iu khin cch quy n nh.</para>

<para>Phn ny d nh din t r rng hon ton kt qu c hiu ca phn cn li ca Giy php ny.</para>
</sect2>

<sect2 id="sect8" label="8">
<title>Phn 8</title>

<para>Khong cho php bn sao chp, sa i, cp giy php ph hay pht hnh Chng trnh, tr vi iu kin c din t dt khot trong Giy php ny. Bt k s c gng no trong vic sao chp, sa i, cp giy php ph hay pht hnh Chng trnh bng cch khec b bi b, v s kt the cc quy n ca bn di Giy php ny. Tuy nhin, ngi khc nhn bn sao hay quy n t bn di Giy php ny s khng b nh hng, min l h tip tכ tun theo hon ton.</para>
</sect2>
<para>Nu s pht lnh v/hay cch s dng Chng trnh b hn ch trong mt s quc gia no , hoc bi bng sn ch hoc bi gia o din c bn quyn tc gi, nghi gi tc quyn gc t Chng trnh di Giy php ny c kh nh thm s hn ch pht lnh a l ring loi tr nhng quc gia , cho php pht lnh ch trong hay gia cc quc gia khng b loi tr nh th. Trong trng hp nh vy, Giy php ny hp nh s hn ch nh l n c ghi trong thn ca Giy php ny.</para>

"sect2"

<title>Phn 9</title>

<para>T che Phn mm T do c th xut bn phin bn sa i v/hay mi ca Giy php Cng cng GNU. Phin bn mi nh vy s c tinh thn tng t vi phin bn hin thi, nhng c th khc bit trong chi tit gii quyט vn mi.</para>

"sect2"

<title>Phn 10</title>

<para>Nu bn mun hp nht phn no ca Chng trnh vo chng trnh t do khc c iu kin pht hnh khc GPL, hy xin php tc gi. i vi phn mm c bn quyn tc gi ca T che Phn mm T do, hy vit th cho T che Phn mm T do : thng thong chng ti cho php ngoi l trong trng hp ny. Quyt nh ca chng ti s c hng dn bi hai mc ch l s bo tn trng thi t do ca mi iu bt ngun t phn mm t do ca chng ti, v s y mnh s chia s v s dng li phn mm mt cch chung.</para>

"sect2"

<title>Phn 11</title>

<para>V CHNG TRNH C CP PHP MIN PH, KHNG C BO HNHI V I CHNG TRNH NY, VI IU KIN C PHP LUT CHO PHP. TR KHI XC NH KHC BNG TI LIU GIY T, CC NGI GI BN QUYN TC GI V/HAY NGI KHC CUNG CP CHNG TRNH NY NH TH , KHNG C BO HNHI G C, KHNG PHT BIU N, CNG KHNG NG N, GM, NHNG KHNG B HN CH BI, S BO M NG TNH TRNG C TH BN C V S THCH HP VI MT MC CH DT KHOT. MI RI RO V CHT LNG, CHNH XC V HIU SUT CA CHNG TRNH NY BN S T CHU. NU CHNG TRNH NY GY RA H HNG, BN GNH VC HON TON TRCH NGHIM TR TIN DCH V GIP HAY SA CHA.</para>

"sect2"

<title>Phn 12</title>

<para>KHNG C TRNG HP NO (TR KHI PHP LUT YU CU HAY KHI C THA THUN BNG TI LIU GIY T) M BT K NGI GI BN QUYN TC GI NO, HAY BT K NGI KHC NO C TH SA I V/HAY PHT HNH LI CHNG TRNH NH C PHP BN TRN, S C TRCH NHIM V PHP L BI THNG, GM BT K BI THNG KIU TNG QUT, C BIT, NGU NHIN HAY DO HU QU DO S DNG HAY S KHNG C KH NNG S DNG CHNG TRNH NY (GM NHNG KHNG PHI B HN TH BI S MT D LIU HAY D LIU B LM CHO KHNG CHNH XC HAY CC MT MT CA BN HAY NGI
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</sect2>

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used for software interchange; or,
</para>
</listitem>
</listitem>
</para>
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
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<title id="sect5" label="5">Section 5</title>


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* /opt/ws_local/PERMITS_SQL/1068794207_1594429781.2/0/spring-webmvc-5-1-6-release-sources-1-jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java

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XSLT-driven View that allows for response context to be rendered as the result of an XSLT transformation.

All model parameters are passed to the XSLT Transformer as parameters. In addition the user can configure output properties to be passed to the Transformer.

@author Rob Harrop
@author Juergen Hoeller
@since 2.0

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/**
* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
* view or before a redirect.
*
* Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality, protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
*
* View technologies that support this contract can obtain an instance to
* delegate to via {@link RequestContext#getRequestDataValueProcessor()}.  
*
* @author Rossen Stoyanchev
* @since 3.1
*/

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  jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java
* /opt/ws_local/PERMITS_SQL/1068794207_1594429781.2/0/spring-webmvc-5-1-6-release-sources-1-
  jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
* /opt/ws_local/PERMITS_SQL/1068794207_1594429781.2/0/spring-webmvc-5-1-6-release-sources-1-
  jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java
* /opt/ws_local/PERMITS_SQL/1068794207_1594429781.2/0/spring-webmvc-5-1-6-release-sources-1-
  jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/ws_local/PERMITS_SQL/1068794207_1594429781.2/0/spring-webmvc-5-1-6-release-sources-1-
  jar/org/springframework/web/servlet/FlashMapManager.java

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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/CannotComputeFTCompatibleHosts.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/CannotEnableVmcpForCluster.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/FilterInUse.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/CannotDisableDrsOnClusterManagedByVDC.java

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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterUsageSummary.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/FaultToleranceConfigSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DvsVmVnicNetworkResourcePoolRuntimeInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterResourceUsageSummary.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterDasAdvancedRuntimeInfoVmcpCapabilityInfo.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostProfileManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/DistributedVirtualPortgroup.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/DistributedVirtualSwitch.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/SessionManager.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VsanUpgradeSystemAutoClaimEnabledOnHostsIssue.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GuestMappedAliases.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostVvolVolumeSpecification.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VvolDatastoreInfo.java
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jar/com/vmware/vim25/FaultToleranceVMConfigSpec.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterDasData.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VmRelayoutUpToDateEvent.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ExtendedFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostDiagnosticPartitionCreateOption.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/NetIpConfigInfoIpAddress.java

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  jar/com/vmware/vim25/GatewayNotReachable.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanNewPolicyBatch.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayConnectFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/HostVsanInternalSystemVsanPhysicalDiskDiagnosticsResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayToHostTrustVerifyFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayOperationRefused.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/EVCConfigFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryKeyFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayHostNotReachable.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryKeyParentVolatile.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryValueNotFound.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/mo/MessageBusProxy.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryKeyHasSubkeys.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryKeyInvalid.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayToHostAuthFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayToHostExceptionFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegistryFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanPolicyChangeBatch.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GatewayNotFound.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/CannotEnableVmcpForClusterReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/ClusterVmComponentProtectionSettingsVmReactionOnAPDCleared.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/MultiWriterNotSupported.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VsanIncompatibleDiskMapping.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InaccessibleFTMetadataDatastore.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InaccessibleFTMetaDatastore.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ReplicationVmInProgressFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/IncompatibleHostForVmReplication.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/NotSupportedHostForChecksum.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VFlashCacheHotConfigNotSupported.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/NotSupportedHostForVmcp.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InsufficientGraphicsResourcesFault.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InsufficientNetworkCapacity.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/IncompatibleHostForVmReplication.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InaccessibleFTMetadataDatastore.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/InsufficientStorageIops.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VmFaultToleranceTooManyFtVcpusOnHost.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostAccessManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/GuestWindowsRegistryManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/OverheadMemoryManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostCertificateManager.java
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  jar/com/vmware/vim25/HostPnicNetworkResourceInfo.java
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  jar/com/vmware/vim25/HbrManagerVmReplicationCapability.java
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  jar/com/vmware/vim25/VRPEditSpec.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VsanHostDiskResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VsanClusterConfigInfoHostDefaultInfo.java
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  jar/com/vmware/vim25/ReplicationVmInProgressFaultActivity.java
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  jar/com/vmware/vim25/IncompatibleHostForVmReplicationIncompatibleReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/GuestRegKeyWowSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualMachineBootOptionsNetworkBootProtocolType.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/HostFileSystemVolumeFileSystemType.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/HostOpaqueSwitchOpaqueSwitchState.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/PlacementAffinityRuleRuleScope.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/HostProfileManagerTaskListRequirement.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualMachineVMCIDeviceProtocol.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/StorageDrsSpaceLoadBalanceConfigSpaceThresholdMode.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/HostActiveDirectoryAuthenticationCertificateDigest.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/PlacementSpecPlacementType.java
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Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/VmwareDistributedVirtualSwitch.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/VirtualMachineSnapshot.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/AuthorizationManager.java

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* @since 6.0
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Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostCapability.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/TaskFilterSpec.java

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================================================================================*/
/**
 * The returned XML data is in the following format:
 * <pre>
 * {[@code
 * &lt;?xml version="1.0" encoding="UTF-8" ?>
 * &lt;!--
 * Copyright 2005-2007 VMware, Inc. All rights reserved.
 * &lt;--
 * &lt;definitions targetNamespace="urn:vim25Service"
 * xmlns="http://schemas.xmlsoap.org/wsdl/"
 * xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
 * xmlns:interface="urn:vim25"
 * &gt;
 * &lt;import location="vim.wsdl" namespace="urn:vim25" />
 * &lt;service name="VimService">
 * &lt;port binding="interface:VimBinding" name="VimPort">
 * &lt;soap:address location="https://localhost/sdk/vimService" />
 * &lt;/port>
 * &lt;/service>
 * &lt;/definitions>
 * } }
 * &lt;/pre>
 * &lt;p>
 * Utility class for checking the version of VISDK the server supports.
 * *
 * @author Steve JIN (sjin@vmware.com)
 */

Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/util/VerUtil.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VrpResourceAllocationInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualEthernetCardResourceAllocation.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualResourcePoolSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualMachineVMCIDeviceFilterSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanPolicyCost.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualMachineVMCIDeviceOptionFilterSpecOption.java

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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/HostNetStackInstanceSystemStackKey.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/RecommendationReasonCode.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/VmDasBeingResetEventReasonCode.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/VirtualMachineNeedSecondaryReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/ActionType.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/VirtualMachinePowerOffBehavior.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/DasConfigFaultDasConfigFaultReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/HostCapabilityFtUnsupportedReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ManagedObject.java
jar/com/vmware/vim25/mo/PropertyCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/ContainerView.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostSnmpSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/VirtualMachine.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/ListView.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostDateTimeSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostDatastoreSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/LicenseManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostVirtualNicManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/util/CommandLineParser.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/CustomFieldsManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostMemorySystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HttpNfcLease.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostDiagnosticSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vm/vim/cf/DeepCopier.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/Folder.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/LicenseAssignmentManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/AlarmManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/ServerConnection.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/VirtualMachineCompatibilityChecker.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/ExtensibleManagedObject.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/LocalizationManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/DiagnosticManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/HostHealthStatusSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/Profile.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/mo/
jar/com/vmware/vim25/mo/VirtualDiskManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ClusterProfile.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostAutoStartManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ClusterComputeResource.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/FileManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostBootDeviceSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/Network.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostImageConfigManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/EnvironmentBrowser.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/VirtualApp.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/TaskHistoryCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/Task.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HistoryCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ResourcePool.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/CustomizationSpecManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/TaskHistoryCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/Task.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HistoryCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/PerformanceManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim/cf/ManagedObjectCache.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ScheduledTaskManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostVMotionSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ProfileComplianceManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ManagedEntity.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/ComputeResource.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/VirtualMachineProvisioningChecker.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostDatastoreBrowser.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/SearchIndex.java

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* /opt/ws_local/PERMITS_SQL/1091709713_1600572253.72/0/wildfly-elytron-realm-ldap-1-11-2-final-sources-
jar/org/wildfly/security/auth/realm/ldap/ElytronMessages.java
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* /opt/ws_local/PERMITS_SQL/1091709713_1600572253.72/0/wildfly-elytron-ldap-1-11-2-final-sources.jar/org/wildfly/security/auth/realm/LdapSecurityRealm.java
* /opt/ws_local/PERMITS_SQL/1091709713_1600572253.72/0/wildfly-elytron-ldap-1-11-2-final-sources.jar/org/wildfly/security/auth/realm/CredentialLoader.java
* /opt/ws_local/PERMITS_SQL/1091709713_1600572253.72/0/wildfly-elytron-ldap-1-11-2-final-sources.jar/org/wildfly/security/auth/realm/LdapSecurityRealmBuilder.java
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1.782 batik-dom 1.7
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JPython was created in late 1997 by Jim Hugunin. Jim was also the primary developer while he was at CNRI. In February 1999 Barry Warsaw took over as primary developer and released JPython version 1.1.

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

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

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

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.785 python-suds 0.4.1-5.el7

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/**
 * Set the { @code TCP_MD5SIG} option on the socket. See { @code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the { @code TCP_QUICKACK} option on the socket. See <a
 * href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 */

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1.jar/io/netty/buffer/SwappedByteBuf.java
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* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1.jar/io/netty/buffer/PooledByteBufAllocator.java
* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1.jar/io/netty/buffer/PoolChunkList.java
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* /opt/cola/permits/1110676925_1606843969.75/0/netty-buffer-4-1-34-final-sources-1.jar/io/netty/buffer/CompositeByteBuf.java
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  jar/io/netty/handler/codec/http/websocket/WebSocket13FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/http/websocket/WebSocket08FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/http/websocket/WebSocket13FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/http/websocket/WebSocket07FrameDecoder.java
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  jar/io/netty/handler/codec/http/websocket/WebSocket08FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/http/websocket/WebSocket07FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/codec/http/websocket/WebSocket07FrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/util/concurrent/FastThreadLocalRunnable.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/util/internal/Cleaner.java

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/**
 * A decoder that splits the received ByteBufs dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 * <p>
 * {LengthFieldBasedFrameDecoder} has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 *<h3>2 bytes length field at offset 0, do not strip header</h3>
 *
 * The value of the length field in this example is 12 (0x0C) which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
 * that the length field represents the number of the bytes that follows the
 * length field. Therefore, it can be decoded with the simplistic parameter
 * combination.
 *<pre>
 * lengthFieldOffset = 0
 * lengthFieldLength = 2
 * lengthAdjustment = 0
 * initialBytesToStrip = 0 (= do not strip header)
 */
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +-----------------+-----------------+
* | Length | Actual Content | Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | 0x000C | "HELLO, WORLD" |
* +-----------------+-----------------+
* </pre>
*
* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +----------------+
* </pre>
*
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
+-----------------+-----------------+
| Length | Actual Content | Length | Actual Content |
| 0x000E | "HELLO, WORLD" | 0x000E | "HELLO, WORLD" |
+-----------------+-----------------+
* </pre>
*
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
+-----------------+-----------------+
| Length | Actual Content | Length | Actual Content |
| 0x0010 | "HELLO, WORLD" | 0x0010 | "HELLO, WORLD" |
+-----------------+-----------------+
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* `<pre>
* `<b>lengthFieldOffset</b>  =  <b>2</b> (= the length of Header 1)
* `<b>lengthFieldLength</b>  =  <b>3</b>
* `lengthAdjustment      =  0
* `initialBytesToStrip   =  0
* `<pre>
* * BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra
* header into the frame length calculation.
* `<pre>
* `lengthFieldOffset   =  0
* `lengthFieldLength   =  3
* `<b>lengthAdjustment</b>    =  <b>2</b> (= the length of Header 1)
* `initialBytesToStrip =  0
* `<pre>
* * BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the `<tt>lengthFieldOffset</tt>` and the extra
* header affects the `<tt>lengthAdjustment</tt>`. We also specified a non-zero
* `<tt>initialBytesToStrip</tt>` to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* &lt;b&gt;lengthAdjustment&lt;/b&gt;  = &lt;b&gt;1&lt;/b&gt; (= the length of HDR2)
* &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;3&lt;/b&gt; (= the length of HDR1 + LEN)
*<pre>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +--------+--------+--------+----------------+      +--------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +--------+--------+--------+----------------+      +--------+----------------+
* </pre>

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into &lt;tt&gt;lengthAdjustment&lt;/tt&gt;.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.

* <pre>
* lengthFieldOffset   = 1
* lengthFieldLength   = 2
* &lt;b&gt;lengthAdjustment&lt;/b&gt;  = &lt;b&gt;-3&lt;/b&gt; (= the length of HDR1 + LEN, negative)
* &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;3&lt;/b&gt;
*<pre>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +--------+--------+--------+----------------+      +--------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +--------+--------+--------+----------------+      +--------+----------------+
* </pre>

* @see LengthFieldPrepender

*/

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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// https://tools.ietf.org/html/rfc7540#section-8.1.2.2 makes a special exception for TE

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/util/internal/logging/JdkLogger.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/internal/logging/Log4JLogger.java

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/**
 **
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain</a>
 * Base64 Encoder/Decoder.</p>
 */

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*/
/**
 * Set the {code TCP_MD5SIG} option on the socket. See {code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/internal/package-info.java
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codec/http2/HpackDynamicTable.java

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/internal/tcnative/SSLContext.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/internal/tcnative/Buffer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/internal/tcnative/SSL.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/internal/tcnative/Library.java

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  jar/io/netty/channel/unix/Limits.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/util/internal/UnstableApi.java
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/util/internal/PromiseNotificationUtil.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/unix/SocketWritableByteChannel.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/smtp/LastSmtpContent.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/kqueue/KQueueServerChannelConfig.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/buffer/WrappedCompositeByteBuf.java */
/* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/ssl/PemX509Certificate.java */

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  jar/io/netty/handler/codec/http2/Http2ConnectionPrefaceAndSettingsFrameWrittenEvent.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/AbstractCoalescingBufferQueue.java
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  jar/io/netty/channel/sctp/SctpNotificationHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/example/worldclock/WorldClockProtocol.proto
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/SctpChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/SctpServerChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/SctpMessage.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/SctpServerChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/DefaultSctpChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/SctpClientChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/channel/sctp/io/NioSctpServerChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/scp/oio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/socket/DatagramPacket.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/socket/InternetProtocolFamily.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/ChannelOutboundHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/socket/AbstractInternalLogger.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/socket/DefaultEventExecutor.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/http/websocketx/server/WebSocketServer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/DecoderException.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/logging/LoggingHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/util/DefaultAttributeMap.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/util/Attribute.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/util/Attribute.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/embedded/package-info.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/telnet/TelnetServer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/http/file/HttpStaticFileServerHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/AbstractChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/Delimiter BasedFrameDecoder.java
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/buffer/AbstractByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/FileRegion.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/discard/DiscardServer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/file/FileServer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerBase.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/NettyChannelObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/example/qotm/QuoteOfTheMomentClient.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/SocketChannel.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/NettyMessage.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/DnsRawRecord.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/NettySocksAuthRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/UnixDomainSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/NettyClientCookieDecoder.java

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/dns/DnsRawRecord.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1
jar/io/netty/channel/unix/FileDescriptor.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/resolver/dns/SingletonDnsServerAddresses.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/buffer/UnsafeByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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*/
/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its [@link ChannelPipeline].
 *
 * <h3>Sub-types</h3>
 * <p>
 * [[@link ChannelHandler}] itself does not provide many methods, but you usually have to implement one of its subtypes:
 * <ul>
 * <li>[[@link ChannelInboundHandler]] to handle inbound I/O events, and</li>
 * <li>[[@link ChannelOutboundHandler]] to handle outbound I/O operations.</li>
 * </ul>
 * </p>
 * <p>
 * Alternatively, the following adapter classes are provided for your convenience:
 * <ul>
 * <li>[[@link ChannelInboundHandlerAdapter]] to handle inbound I/O events,</li>
 * <li>[[@link ChannelOutboundHandlerAdapter]] to handle outbound I/O operations, and</li>
 * <li>[[@link ChannelDuplexHandler]] to handle both inbound and outbound events</li>
 * </ul>
 * </p>
 * For more information, please refer to the documentation of each subtype.
 * </p>
 *
 * <h3>The context object</h3>
 * <p>
 * A [[@link ChannelHandler]] is provided with a [[@link ChannelHandlerContext]]
 * object. A [[@link ChannelHandler]] is supposed to interact with the
 * [[@link ChannelPipeline]] it belongs to via a context object. Using the
 * context object, the [[@link ChannelHandler]] can pass events upstream or
 * downstream, modify the pipeline dynamically, or store the information
 * (using [[@link AttributeKey]]s) which is specific to the handler.
 * 
 * <h3>State management</h3>
 * 
 * A [[@link ChannelHandler]] often needs to store some stateful information.
 * The simplest and recommended approach is to use member variables:
 * <pre>
 * public interface Message {
 * 
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* // your methods here
* }
*
* public class DataServerHandler extends @link SimpleChannelInboundHandler)[&lt;Message]&gt; {
* 
* &lt;b&gt;private boolean loggedIn;&lt;/b&gt;
* 
* { @code @Override }
* public void channelRead0( [@link ChannelHandlerContext] ctx, Message message) {
* 
* { @link Channel} ch = e.getChannel();
* if (message instanceof LoginMessage) {
* authenticate((LoginMessage) message);
* &lt;b&gt;loggedIn = true;&lt;/b&gt;
* } else (message instanceof GetDataMessage) {
* if (&lt;b&gt;loggedIn&lt;/b&gt;) {
* ch.write(fetchSecret((GetDataMessage) message));
* } else {
* fail();
* }
* }
* }
* ...
* }
* </pre>
*
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* </pre>
*
* // Create a new handler instance per channel.
* // See [@link ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [@link ChannelInitializer] &lt;[@link Channel]&gt; {
* { @code @Override }
* public void initChannel( [@link Channel] channel) {
* channel.pipeline().addLast("handler", &lt;b&gt;new DataServerHandler();
* }
* }
* }
* </pre>
*
* &lt;h4&gt;Using [@link AttributeKey]s&lt;/h4&gt;
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [@link AttributeKey]s which is provided by
* [@link ChannelHandlerContext]:
* </pre>
* public interface Message {
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        Channel ch = ctx.channel();
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ch.write(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }
    ...
}

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

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

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

The @Sharable annotation

In the example above which used an AttributeKey, you might have noticed the @Sharable annotation.

If a ChannelHandler is annotated with the @Sharable annotation, it means you can create an instance of the handler just once and...
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* </p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* </p>
* This annotation is provided for documentation purpose, just like
* </p>
* <h3>Additional resources worth reading</h3>
* </p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
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jar/io/netty/example/spdy/client/HttpResponseClientHandler.java
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jar/io/netty/handler/codec/xml/XmlElementEnd.java
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jar/io/netty/handler/codec/compression/Bzip2MTEncoder.java
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jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java

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/*
 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1.jar/io/netty/channel/rxtx/RxtxDeviceAddress.java
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jar/io/netty/handler/codec/http2/Http2FrameWriter.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/collection/CharObjectMap.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/handler/codec/http2/InboundHttp2ToHttpAdapter.java
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jar/io/netty/handler/codec/memcache/AbstractMemcacheObject.java
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jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/buffer/ByteBufProcessor.java
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jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
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jar/io/netty/util/concurrent/DefaultThreadFactory.java
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jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/Recycler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/channel/DefaultMessageSizeEstimator.java
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jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
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jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
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jar/io/netty/channel/group/ChannelMatcher.java
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jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
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jar/io/netty/handler/codec/socks/v5/Socks5CommandType.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/buffer/EmptyByteBuf.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/internal/PlatformDependent0.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/bootstrap/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/buffer/DefaultByteBufHolder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/handler/ChannelHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/util/internal/TypeParameterMatcher.java
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jar/io/udt/UdtChannelOption.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/memcache/MemcacheObject.java
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* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-jar/io/netty/handler/codecs/spdy/SpdySessionStatus.java

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  jar/io/netty/example/ocsp/OcspClientExample.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/example/ocsp/OcspUtils.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/example/ocsp/OcspRequestBuilder.java
* /opt/ws_local/PERMITS_SQL/1069270933_1596096817.99/0/netty-all-4-1-24-final-sources-1-
  jar/io/netty/example/ocsp/OcspServerExample.java
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/**
* Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
* Allowing them being read would mean anyone with access to the channel could get them.
*/
/**
 * Set the {@link TCP_QUICKACK} option on the socket. See <a
 * href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 */

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1.811 spring-beans 5.2.10.RELEASE

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1.821 osinfo-db 20190805-2.el7

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1.827 spring-context 5.2.2.RELEASE

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* limitations under the License.
Abstract the invocation of a cache operation.

Does not provide a way to transmit checked exceptions but provide a special exception that should be used to wrap any exception that was thrown by the underlying invocation. Callers are expected to handle this issue type specifically.

@author Stephane Nicoll
@since 4.1

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* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1.jar/org/springframework/jmx/export/SpringModelMBean.java
* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1.jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java

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* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/cache/annotation/Cacheable.java
* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/format/datetime/standard/DurationFormatter.java
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* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/cache/annotation/Caching.java
* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/ui/ModelMapExtensions.kt
* /opt/ws_local/PERMITS_SQL/1068290243_1594347848.93/0/spring-context-5-2-2-release-sources-1-jar/org/springframework/ui/ModelExtensions.kt

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 */
/**
 * Indicates that a component is only eligible for registration when all
 * { [@linkplain #value specified conditions] match.
 *
 * <p>A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see { [@link Condition] for details).
 *
 * <p>The { [@code @Conditional] annotation may be used in any of the following ways:
 * <ul>
 * <li>as a type-level annotation on any class directly or indirectly annotated with
 *     { [@code @Component], including { [@link Configuration @Configuration] classes</li>
 * <li>as a meta-annotation, for the purpose of composing custom stereotype
 *     annotations</li>
 * <li>as a method-level annotation on any { [@link Bean @Bean} method</li>
 * </ul>
 *
 * <p>If a { [@code @Configuration} class is marked with { [@code @Conditional],
 * all of the { [@code @Bean] methods, { [@link Import @Import} annotations, and
 * { [@link ComponentScan @ComponentScan] annotations associated with that
 * class will be subject to the conditions.
 *
 * <p><strong>NOTE</strong>: Inheritance of { [@code @Conditional] annotations
 * is not supported; any conditions from superclasses or from overridden
 * methods will not be considered. In order to enforce these semantics,
 * { [@code @Conditional] itself is not declared as
 * { [@link java.lang.annotation.Inherited @Inherited ]; furthermore, any
 * custom <em>composed annotation</em> that is meta-annotated with
 * { [@code @Conditional] must not be declared as { [@code @Inherited].
 *
 * @author Phillip Webb
 * @author Sam Brannen
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 * {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer} reference through WebSphere's proprietary {@code AdminServiceFactory} API, available on WebSphere 5.1 and higher.
 * 
 * This {@code FactoryBean} is a direct alternative to {@link MBeanServerFactoryBean}, which uses standard JMX 1.2 API to access the platform's {@code MBeanServer}.
 * 
 * See the javadocs for WebSphere's
 * and
@code MBeanFactory @endcode.

@author Juergen Hoeller
@author Rob Harrop
@since 2.0.3
@see javax.management.MBeanServer
@see MBeanServerFactoryBean
*/

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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1.846 resteasy-cdi 3.6.1.Final

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*/

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  jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCollection.java
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  jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCharSequence.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfLong.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/number/InfinityNumberComparatorHelper.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/EscapedState.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/context/ConstructorConstraintMappingContextImpl.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/config/defs/NotNullDef.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCollection.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfShort.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/context/ConstructorConstraintMappingContextImpl.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/config/defs/NotNullDef.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/config/defs/NotNullDef.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/config/defs/NotNullDef.java
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jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForThaiBuddhistDate.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validator/hibernate-validator-context.java
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* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeOrZeroValidatorForMonetaryAmount.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/package-info.java

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~
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Found in path(s):
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/META-INF/validation-configuration-1.1.xsd
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/META-INF/validation-mapping-1.0.xsd
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/META-INF/validation-configuration-2.0.xsd
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */

Found in path(s):
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java

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 *
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 */
/**
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 *
 * <p>
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
 */

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* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* [Link javax.validation.ParameterNameProvider]. By default, @code arg0, @code arg1 etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
* *
* @author Gunnar Morling
*/

Found in path(s):
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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jar/org/hibernate/validator/internal/util/TypeHelper.java
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* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java

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1.857 gstreamer 1.10.4-2.el7
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<sect1 id="chapter-legal">
<title id="title-legal">GStreamer Legal Issues</title>
<para>
This part of the FAQ is based on a series of questions we asked the FSF
to understand how the GPL works and how patents affects the GPL. These
questions were answered by the <ulink url="http://www.fsf.org/">FSF lawyers</ulink>, so we view them as the
Can someone distribute the combination of

- GStreamer, the LGPL library
- MyPlayer, a GPL playback application
- The binary-only Sorenson decoder

together in one distribution/operating system? If not, what needs to be changed to make this possible?

This would be a problem, because the GStreamer and MyPlayer licenses would forbid it. In order to link GStreamer to MyPlayer, you need to use section 3 of the LGPL to convert GStreamer to GPL. The GPL version of GStreamer forbids linking to the Sorenson decoder. Anyway, the MyPlayer GPL license forbids this.

If the authors of MyPlayer want to permit this, we have an exception for them: the controlled interface exception from the FAQ. The idea of this is that you can't get around the GPL just by including a LGPL bit in the middle.

Note: MyPlayer is a completely fictitious application at the time of writing.
Suppose Apple wants to write a binary-only proprietary plugin for GStreamer to decode Sorenson video, which will be shipped stand-alone, not part of a package like in the question above. Can Apple distribute this binary-only plugin?

Yes, modulo certain reverse engineering requirements in section 6 of the LGPL.

If a program released under the GPL uses a library that is LGPL, and this library can dlopen plug-ins at runtime, what are the requirements for the license of the plug-in?

You may not distribute the plug-in with the GPL application. Distributing the plug-in alone, with the knowledge that it will be used primarily by GPL software is a bit of an edge case. We will not advise you that it would be safe to do so, but we also will not advise you that it would be absolutely forbidden.

Can someone in a country that does not have software patents distribute code covered by US patents under the GPL to people in, for example, Norway? If he/she visits the US, can he/she be arrested?

Yes, he can.
No, there are no criminal penalties for patent infringement in the US.

Can someone from the US distribute software covered by US patents under the GPL to people in Norway? To people in the US?

This might infringe some patents, but the GPL would not forbid it absent some actual restriction, such as a court judgement or agreement. The US government is empowered to refuse importation of patent infringing devices, including software.

There are a lot of GPL- or LGPL-licensed libraries that handle media codecs which have patents. Take mad, an mp3 decoding library, as an example. It is licensed under the GPL. In countries where patents are valid, does this invalidate the GPL license for this project?

The mere existence of a patent which might read on the program does not change anything. However, if a court judgement or other agreement prevents you from distributing libmad under GPL terms, you can not distribute it at all.

The GPL and LGPL say (sections 7 and 11):

If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all.
So let's say there is a court judgement. Does this mean that the GPL license is invalid for the project everywhere, or only in the countries where it conflicts with the applicable patents?

The GPL operates on a per-action, not per-program basis. That is, if you are in a country which has software patents, and a court tells you that you cannot distribute (say) libmad in source code form, then you cannot distribute libmad at all. This doesn't affect anyone else.

Patented decoding can be implemented in GStreamer either by having a binary-only plugin do the decoding, or by writing a plugin (with any applicable license) that links to a binary-only library. Does this affect the licensing issues involved in regards to GPL/LGPL?

No.

Is it correct that you cannot distribute the GPL mad library to decode mp3's, *even* in the case where you have obtained a valid license for decoding mp3?
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concluded that weaker conditions might promote sharing better.

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lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
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1.870  ecj 4.6.1

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1.872 jboss-ejb-api-3-2-spec 1.0.1.Final

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1.873 lombok 1.18.8

1.874 icu 52

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPIL.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
## Dependency rules

`.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \n| sed \'s/(\$\n)\.o[ ]*: /\1.o $@ : /g\n\[ -s $@ ] || rm -f $@'`

`.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n| sed \'s/(\$\n)\.o[ ]*: /\1.o $@ : /g\n\[ -s $@ ] || rm -f $@'`

## Versioned libraries rules

$(RM) $@ && ln -s ${<F} $@
$(RM) $@ && ln -s {[*F].$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

1.875 asm-tree 3.0
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* /opt/cola/permits/1001074081_1607080282.86/0/spring-osgi-core-1-2-0-sources-jar/org/springframework/osgi/service/importer/support/LocalBundleContextAdvice.java

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* /opt/cola/permits/1001074081_1607080282.86/0/spring-osgi-core-1-2-0-sources-jar/org/springframework/osgi/compendium/internal/cm/ContainerManagedUpdate.java
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* /opt/cola/permits/1001074081_1607080282.86/0/spring-osgi-core-1-2-0-sources-jar/org/springframework/osgi/service/importer/support/AbstractServiceImporterProxyFactoryBean.java

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* /opt/cola/permits/1001074081_1607080282.86/0/spring-osgi-core-1-2-0-sources-jar/org/springframework/osgi/service/exporter/OsgiServicePropertiesResolver.java
* /opt/cola/permits/1001074081_1607080282.86/0/spring-osgi-core-1-2-0-sources-jar/org/springframework/osgi/service/exporter/support/BeanNameServicePropertiesResolver.java
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**1.881 sgml-common 0.6.3-39.el7**

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1.883 commons-vfs 1.0

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1.887 jackson-dataformat-cbor 2.9.9

1.888 datatype 1.3.02

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1.894 classmate 1.5.1

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

Other developers who have contributed code are:

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    /**
    * A [link WebApplicationContext] that can be used to bootstrap itself from a contained
    * [link ServletWebServerFactory] bean.
    * <p>
    * This context will create, initialize and run an [link WebServer] by searching for a
    * single [link ServletWebServerFactory] bean within the [link ApplicationContext]
    * itself. The [link ServletWebServerFactory] is free to use standard Spring concepts
    * (such as dependency injection, lifecycle callbacks and property placeholder variables).
    * <p>
    * In addition, any [link Servlet] or [link Filter] beans defined in the context will be
    * automatically registered with the web server. In the case of a single Servlet bean, the
    * '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
    * name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
    * always be mapped to '/'. Filter beans will be mapped to all URLs ('/*')
    * <p>
    * For more advanced configuration, the context can instead define beans that implement
    * the [link ServletContextInitializer] interface (most often
    * [link ServletRegistrationBean]s and/or [link FilterRegistrationBean]s). To prevent
    * double registration, the use of [link ServletContextInitializer] beans will disable
    * automatic Servlet and Filter bean registration.
    * <p>
    * Although this context can be used directly, most developers should consider using the
    * [link AnnotationConfigServletWebServerApplicationContext] or
    * [link XmlServletWebServerApplicationContext] variants.
/*
 * @author Phillip Webb
 * @author Dave Syer
 * @see AnnotationConfigServletWebServerApplicationContext
 * @see XmlServletWebServerApplicationContext
 * @see ServletWebServerFactory
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* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/origin/Origin.java
* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/system/ApplicationHome.java
* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/web/servlet/filter/OrderedRequestContextFilter.java
* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/web/creative/filter/package-info.java
* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/jdbc/AbstractDataSourceInitializer.java
* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/web/servlet/WebServletHandler.java
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* /opt/cola/permits/1110675120_1606844057.22/0/spring-boot-2-1-2-release-sources-1-jar/org/springframework/boot/web/server/MimeMappings.java
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1.896 mime-pull 1.9.11

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jar/io/netty/util/internal/logging/Log4JLogger.java
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jar/io/netty/util/internal/logging/JdkLogger.java
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Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <tmbinc@elitedvb.net>
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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on loss of link, and correctly re-enable PHY when link is re-established. (put back CFG_PHYIE)
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*      combined, allow nicstar_free_rx_skb to be called to
*      recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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*
* M. Welsh, 6 July 1996
*
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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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Sections 1 and 2 above); and, if the work is an executable linked
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That's all there is to it!

TI DSP/Bridge Driver - Contributors File

The DSP/Bridge project wish to thank all of its contributors, current bridge driver is the result of the work of all of them. If any name is accidentally omitted, let us know by sending a mail to omar.ramirez@ti.com or x095840@ti.com.
Please keep the following list in alphabetical order.

Suman Anna
Sripal Bagadia
Felipe Balbi
Ohad Ben-Cohen
Phil Carmody
Deepak Chitriki
Felipe Contreras
Hiroshi Doyu
Seth Forshee
Ivan Gomez Castellanos
Mark Grosen
Ramesh Gupta G
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Larry Schiefer
Rebecca Schultz Zavin
Bhavin Shah
Andy Shevchenko
Jeff Taylor
Roman Tereshonkov
Armando Uribe de Leon
Nischal Varide
Wenbiao Wang
Contributors to bttv:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>
Ragnar Hojland Espinosa <ragnar@macula.net>
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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java

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* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
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*/opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1.39-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java

1.940 collections-generic 4.01

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- Maven Local Settings Model (http://maven.apache.org/maven2/maven-settings)
- Maven Plugin Testing Mechanism (http://maven.apache.org/shared/maven-plugin-testing-harness)
- Maven Wagon File Provider
- Maven Wagon Lightweight HTTP Provider
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1.948 slf4j-log4j 1.7.7
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1.951 cxf-rt-management 3.2.5-jbossorg-1

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1.959 slf4j-log4j 1.7.25

1.960 bcmail 1.60.0.0

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Initialize empty image
f1c9645d0c14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2d055067c18f2cf9 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

-------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot  Start  End Sectors Size Id Type
<removed>1  2048 4095  2048  1M  83 Linux
-------------------

Create 2nd primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fba bsd.img

---layout--------
Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: <removed>

Device  Boot  Start  End Sectors Size Id Type
<removed>1  2048 4095  2048  1M  83 Linux
<removed>2  4096 20479 16384  8M  a5 FreeBSD
-------------------

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
partitions: 4

Slice Start   End Sectors  Size Type      Fsize  Bsize  Cpg
c       4096  20479    16384    8M unused      0     0   0
d       0  16064    16065    7.9M unused      0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------
Welcome to fdisk <removed>.
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors
Geometry: 255 heads, 63 sectors/track, 1 cylinders
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: bsd
partitions: 4

Slice Start   End Sectors  Size Type      Fsize  Bsize  Cpg
a       4096  6144    2049    1M 4.2BSD      0     0   0
c       4096  20479    16384    8M unused      0     0   0
d       0  16064    16065    7.9M unused      0     0   0

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):
-------------------
Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

<p>| | | | | | |</p>
<table>
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<td>9</td>
<td>4.4LFS</td>
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<td>swap</td>
<td>6</td>
<td>Eighth Edition</td>
<td>a</td>
<td>unknown</td>
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<td>7</td>
<td>4.2BSD</td>
<td>b</td>
<td>HPFS</td>
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<td>8</td>
<td>MS-DOS</td>
<td>c</td>
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<td>4</td>
<td>System V</td>
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</tbody>
</table>

Command (m for help):
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  */opt/cola/permits/1106218635_1605323289.5/0/spring-security-web-4-1-1-release-sources-
  jar/org/springframework/security/web/session/package-info.java
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   is invoked, then you must make a good faith effort to ensure that,
   in the event an application does not supply such function or
   table, the facility still operates, and performs whatever part of
   its purpose remains meaningful.

   (For example, a function in a library to compute square roots has
   a purpose that is entirely well-defined independent of the
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1.967 javax-json-api 1.1.2

1.968 opensaml-security-api 3.3.0

1.969 jansi 1.16
1.970 error_prone_annotations 2.3.2

1.971 guava 11.0.2

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* /opt/ws_local/PERMITS_SQL/1074621143_1595892175.39/0/spring-aspects-5-2-2-release-sources-jar/org/springframework/scheduling/aspectj/AnnotationAsyncExecutionAspect.aj
* /opt/ws_local/PERMITS_SQL/1074621143_1595892175.39/0/spring-aspects-5-2-2-release-sources-jar/org/springframework/scheduling/aspectj/AbstractAsyncExecutionAspect.aj
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* /opt/cola/permits/1110676931_1606843905.05/0/netty-buffer-4-1-24-final-sources-1-
jar/io/netty/buffer/PooledByteBufMetric.java
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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
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  jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/AddressResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/CompositeNameResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/HostsFileParser.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/DefaultNameResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/InetAddressResolver.java

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jar/io/netty/resolver/HostsFileEntries.java
*/ /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
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jar/io/netty/resolver/SimpleNameResolver.java
*/ /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
jar/io/netty/resolver/AddressResolverGroup.java
*/ /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
jar/io/netty/resolver/NoopAddressResolver.java
*/ /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
jar/io/netty/resolver/package-info.java
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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB,
48 core machine, with 4 SSD's and 4 sata disks; but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver
CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix,
AZ, USA for his continued support for the project.

Contributors:
The Red Hat developers, without whom CentOS would look very different

Akemi Matsuno-Yagi
Alain Reguera Delgado
Alan Bartlett
Andreas Thienemann
Anssi Johansson
Athmane Madjoudj
Bonnie King
Brian Stinson
Carl Trieloff
Christoph Galuschka
Fabian Arrotin
Jakub Filak
James Moger
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Johnny Hughes Jr
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Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
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/**
 * @param securePort the secure port to redirect to.
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# jdk.nashorn.api.scripting.NashornScriptEngineFactory

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1.1004 webrtc-audio-processing 0.3-1.el7

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* From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
* Date: Fri, Jun 24, 2011 at 3:20 AM
* Subject: Re: sqrt routine
* To: Kevin Ma <kma@google.com>
* Hi Kevin,
* Thanks for asking. Those routines are public domain (originally posted to
* comp.sys.arm a long time ago), so you can use them freely for any purpose.
* Cheers,
* Wilco
*
* ----- Original Message -----  
* From: "Kevin Ma" <kma@google.com>
* To: <Wilco.Dijkstra@ntlworld.com>
* Sent: Thursday, June 23, 2011 11:44 PM
* Subject: Fwd: sqrt routine 
* Hi Wilco,
* I saw your sqrt routine from several web sites, including
* http://www.finesse.demon.co.uk/steven/sqrt.html.
* Just wonder if there's any copyright information with your Successive
* approximation routines, or if I can freely use it for any purpose.
* Thanks.
* Kevin
*/
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modules/audio_device/mac/portaudio/pa_memorybarrier.h
modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h

License:

$Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
Portable Audio I/O Library
Memory barrier utilities

Author: Bjorn Roche, XO Audio, LLC

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 * $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
 * Portable Audio I/O Library
 * Ring Buffer utility.
 * 
 * Author: Phil Burk, http://www.softsynth.com
 * modified for SMP safety on Mac OS X by Bjorn Roche
 * modified for SMP safety on Linux by Leland Lucius
 * also, allowed for const where possible
 * modified for multiple-byte-sized data elements by Sven Fischer
 * 
 * Note that this is safe only for a single-thread reader and a
 * single-thread writer.
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The specification of DOM Level 1’s various parts is at:

Links to all available W3C DOM Java Bindings can be found at:
http://www.w3.org/DOM/DOMTR

The actual classes of The Simple API for CSS (SAC) came from:
http://www.w3.org/Style/CSS/SAC/
http://www.w3.org/2002/06/sacjava-1.3.zip

The actual DOM Java Language Binding classes for SMIL came from:
http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

The actual DOM Java Language Binding classes for SVG 1.1 came from:
http://www.w3.org/TR/SVG11/java.html

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1.1012 jetty-io 9.4.20.v20190813

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

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

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1.1039 javax-inject 1

1.1040 binutils 2.27-41.base.el7_7.3
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(This file is under construction.)

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

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++++++++++++++++
Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and
simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If
you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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- web-app_3_0.xsd
- web-common_3_0.xsd
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- web-common_3_1.xsd
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* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/OneTimePassword.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/credential/SecretKeyCredential.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/SaltedSimpleDigestPassword.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/keystore/WrappingPasswordKeyStoreSpiImpl.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/credential/_private/ElytronMessages.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/keystore/PasswordEntry.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/util/ModularCrypt.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/keystore/WrappingPasswordKeyStore.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/PasswordFactory.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/PasswordFactorySpi.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/SunUnixMD5CryptPassword.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/BCryptPassword.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/UnixMD5CryptPassword.java
* /opt/ws_local/PERMITS_SQL/1091710016_1600571647.63/0/wildfly-elytron-credential-1-11-2-final-sources-
  jar/org/wildfly/security/password/interfaces/ScramDigestPassword.java
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1.1043 wildfly-weld-jpa 14.0.1.Final

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* /opt/cola/permits/1110676305_1606843891.7/0/jboss-batch-api-1.0-spec-1.0-1-final-sources-2.jar/javax/batch/api/listener/package-info.java
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* /opt/cola/permits/1110676305_1606843891.7/0/jboss-batch-api-1.0-spec-1.0-1-final-sources-2.jar/javax/batch/api/chunk/listener/AbstractItemWriteListener.java
* /opt/cola/permits/1110676305_1606843891.7/0/jboss-batch-api-1.0-spec-1.0-1-final-sources-2.jar/javax/batch/api/chunk/listener/AbstractChunkListener.java
* /opt/cola/permits/1110676305_1606843891.7/0/jboss-batch-api-1.0-spec-1.0-1-final-sources-2.jar/javax/batch/api/chunk/listener/AbstractItemReadListener.java
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1.1054 perl-threads 1.87-4.el7

1.1055 bouncy-castle 1.46

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1.1056 llvm 7.0.1-1.el7

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define <4 x i32> @PR41535(<2 x i32> %p1, <2 x i32> %p2) {
  ; CHECK-LABEL: PR41535:
  ; CHECK:       // %bb.0:
  ; CHECK-NEXT:  ext v0.8b, v0.8b, v1.8b, #4
  ; CHECK-NEXT:  mov v0.d[1], v0.d[0]
  ; CHECK-NEXT:  ret
  %cat1 = shufflevector <2 x i32> %p1, <2 x i32> undef, <4 x i32> <i32 undef, i32 1, i32 undef, i32 undef>
  %cat2 = shufflevector <2 x i32> %p2, <2 x i32> undef, <4 x i32> <i32 0, i32 undef, i32 undef, i32 undef>
  %r = shufflevector <4 x i32> %cat1, <4 x i32> %cat2, <4 x i32> <i32 undef, i32 undef, i32 1, i32 4>
  ret <4 x i32> %r
}

define void @autogen_SD4739(i8*) {
  ; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
  BB:
  %L34 = load i8, i8* %0
  %Cmp56 = icmp sgt i8 undef, %L34
  br label %CF246
  CF246:                                            ; preds = %CF246, %BB
  %SI163 = select i1 %Cmp56, i8 %L34, i8 undef
  br i1 undef, label %CF246, label %CF248
  CF248:                                            ; preds = %CF248, %CF246
  store i8 %SI163, i8* %0
  br label %CF248
}

define void @zext256() "min-legal-vector-width"="256" {
  ; VEC256-LABEL: 'zext256'

define void @sext512() "min-legal-vector-width"="512" {  
; AVX-LABEL: 'sext512'
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
ret void
}

define void @sext512() "min-legal-vector-width"="512" {  
; AVX-LABEL: 'sext512'
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
ret void
}

define void @sext512() "min-legal-vector-width"="512" {  
; AVX-LABEL: 'sext512'
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
ret void
}
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define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #0 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg) #0 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should promote
; CHECK-LABEL: @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64> %arg1.val)
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #1 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should promote
; CHECK-LABEL: @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg) #0 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should promote
; CHECK-LABEL: @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg, <8 x i64> %arg1.val)
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #0 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg) #1 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should not promote
; CHECK-LABEL: @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64)* %arg, <8 x
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #2 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should not promote
; CHECK-LABEL: @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1)
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #2 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #1 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should promote
; CHECK-LABEL: @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8 x i64>
define internal fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #3 {
    bb:
    %tmp = load <8 x i64>, <8 x i64>* %arg1
    store <8 x i64> %tmp, <8 x i64>* %arg
    ret void
}

define void @avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg) #4 {
    bb:
    %tmp = alloca <8 x i64>, align 32
    %tmp2 = alloca <8 x i64>, align 32
    %tmp3 = bitcast <8 x i64>* %tmp to i8*
    call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
    call fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
    %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
    store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
    ret void
}

; This should promote
; CHECK-LABEL: @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* %arg1.val)
define internal fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #4 {
    bb:
    %tmp = load <8 x i64>, <8 x i64>* %arg1
    store <8 x i64> %tmp, <8 x i64>* %arg
    ret void
}

define void @avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg) #3 {
    bb:
    %tmp = alloca <8 x i64>, align 32
    %tmp2 = alloca <8 x i64>, align 32
    %tmp3 = bitcast <8 x i64>* %tmp to i8*
    call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
    call fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
    %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
    store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
    ret void
}

; Function Attrs: argmemonly nounwind
declare void @llvm.memset.p0i8.i64(i8* nocapture writeonly, i8, i64, i1) #5
target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
entry:
br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph: ; preds = %entry
br %while.body

while.body: ; preds = %exit.2, %while.body.lr.ph
%lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
switch i32 undef, label %exit [
i32 1, label %sw.bb.i
i32 2, label %sw.bb3.i
]

sw.bb.i: ; preds = %while.body
unreachable

sw.bb3.i: ; preds = %while.body
unreachable

exit: ; preds = %while.body
switch i32 undef, label %exit.2
i32 1, label %sw.bb.i17
i32 2, label %sw.bb3.i20
]

sw.bb.i17: ; preds = %exit
%0 = bitcast %struct.0* %lsr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20: ; preds = %exit
%2 = bitcast %struct.0* %lsr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2: ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
br label %while.body

while.end: ; preds = %entry
ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshl.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshl.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
; CHECK-DAG: sshl.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshl.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
ret <16 x double> %res

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res

} $OpenBSD: COPYRIGHT,v 1.3 2003/06/02 20:18:36 millert Exp$

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; RUN: opt %s -inline -S | FileCheck %s

define internal void @innerSmall() "min-legal-vector-width"="128" {
    ret void
}

define internal void @innerLarge() "min-legal-vector-width"="512" {
    ret void
}

define internal void @innerNoAttribute() {
    ret void
}

; We should not add an attribute during inlining. No attribute means unknown.
; Inlining doesn't change the fact that we don't know anything about this
; function.
define void @outerNoAttribute() {
    call void @innerLarge()
    ret void
}

define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
    call void @innerLarge()
    ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
    call void @innerSmall()
    ret void
}

; We should remove the attribute after inlining since the callee's
; vector width requirements are unknown.
define void @outerAttribute() "min-legal-vector-width"="128" {
    call void @innerNoAttribute()
    ret void
}
; CHECK: define void @outerNoAttribute() {
; CHECK: define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
; CHECK: define void @outerAttribute() {
; CHECK: attributes #0 = { "min-legal-vector-width"="512" }
; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
; 
; D31946
; Check that we dont end up with the ""LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.

declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
  %cmp = fcmp ogt fp128 %a, %b
  %sub = fsub fp128 %a, %b
  %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
  ret fp128 %res
; CHECK-LABEL: TestSelect:
; CHECK    movaps 16(%rsp), %xmm1
; CHECK-NEXT callq __subtf3
; CHECK-NEXT   testl %ebx, %ebx
; CHECK-NEXT   jg .LBB0_2
; CHECK-NEXT # %bb.1:
; CHECK-NEXT   movaps .LCPI0_0(%rip), %xmm0
; .LBB0_2:
; CHECK-NEXT   addq $32, %rsp
; CHECK-NEXT   popq %rbx
; CHECK-NEXT   retq
}

define fp128 @TestFabs(fp128 %a) {
  %res = call fp128 @llvm.fabs.f128(fp128 %a)
  ret fp128 %res
; CHECK-LABEL: TestFabs:
; CHECK      andps .LCPI1_0(%rip), %xmm0
; CHECK-NEXT retq
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
; CHECK-LABEL: TestCopysign:
; CHECK      andps .LCPI2_1(%rip), %xmm0
; CHECK-NEXT orps %xmm1, %xmm0
; CHECK-NEXT retq
}
define fp128 @TestFneg(fp128 %a) {
  %mul = fmul fp128 %a, %a
  %res = fsub fp128 0x00000000000000008000000000000000, %mul
  ret fp128 %res
}

; CHECK-LABEL: TestFneg:
; CHECK  movaps %xmm0, %xmm1
; CHECK-NEXT callq __multf3
; CHECK-NEXT xorps .LCPI3_0(%rip), %xmm0
; CHECK-NEXT popq %rax
; CHECK-NEXT retq

; RUN: opt -consthoist -S -o - %s | FileCheck %s


; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG:  %[[C1:const[0-9]?]] = bitcast i32 805874720 to i32
; CHECK-DAG:  %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK-DAG:  %[[C3:const[0-9]?]] = bitcast i32 805873720 to i32
; CHECK-DAG:  %[[C4:const[0-9]?]] = bitcast i32 805873688 to i32
; CHECK:  %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT:  %1 = load volatile i8, i8* %0
; CHECK-NEXT:  %2 = inttoptr i32 %[[M1]] to i32
; CHECK-NEXT:  %3 = load volatile i8, i8* %2
; CHECK-NEXT:  %4 = inttoptr i32 %[[M2]] to i32
; CHECK-NEXT:  %5 = load volatile i8, i8* %4
; CHECK-NEXT:  %6 = inttoptr i32 %[[C1]] to i32
; CHECK-NEXT:  %7 = load volatile i8, i8* %6
; CHECK-NEXT:  %8 = inttoptr i32 %[[M3]] to i32
; CHECK-NEXT:  %9 = load volatile i8, i8* %8
; CHECK-NEXT:  %10 = inttoptr i32 %[[C4]] to i32
; CHECK-NEXT:  store i8 %9, i8* %10
; CHECK-NEXT:  %11 = inttoptr i32 %[[M4]] to i32
; CHECK-NEXT:  %12 = inttoptr i32 %[[C3]] to i32
; CHECK-NEXT:  store i8 %7, i8* %11
; CHECK-NEXT:  %13 = inttoptr i32 %[[M5]] to i32
; CHECK-NEXT:  store i8 %3, i8* %13
define void @foo_i8() {
  entry:
  %0 = load volatile i8, i8* inttoptr (i32 805874688 to i8*)
  %1 = load volatile i8, i8* inttoptr (i32 805874692 to i8*)
  %2 = load volatile i8, i8* inttoptr (i32 805874719 to i8*)
  %3 = load volatile i8, i8* inttoptr (i32 805874720 to i8*)
  %4 = load volatile i8, i8* inttoptr (i32 805874727 to i8*)
  store i8 %4, i8* inttoptr(i32 805873688 to i8*)
  store i8 %3, i8* inttoptr(i32 805873719 to i8*)
  store i8 %2, i8* inttoptr(i32 805873720 to i8*)
  store i8 %1, i8* inttoptr(i32 805873727 to i8*)
  store i8* inttoptr(i32 805874800 to i8*), i8** @goo
  ret void
}

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttopr (i32 805874688 to i16*)
  %1 = load volatile i16, i16* inttopr (i32 805874692 to i16*)
  %2 = load volatile i16, i16* inttopr (i32 805874719 to i16*)
  %3 = load volatile i16, i16* inttopr (i32 805874720 to i16*)
  %4 = load volatile i16, i16* inttopr (i32 805874727 to i16*)
  store i16 %4, i16* inttoptr(i32 805873688 to i16*)
  store i16 %3, i16* inttoptr(i32 805873719 to i16*)
  store i16 %2, i16* inttoptr(i32 805873720 to i16*)
  store i16 %1, i16* inttoptr(i32 805873727 to i16*)
  store i16* inttoptr(i32 805874800 to i16*), i16** @goo
  ret void
}

; Check that for i16 type, the maximum legal offset is 62.
; CHECK: foo_i16
; CHECK-DAG: %[[C1:const[0-9]??]] = bitcast i32 805874752 to i32
; CHECK-DAG: %[[C2:const[0-9]??]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i16*
; CHECK-NEXT: %1 = load volatile i16, i16* %0, align 2
; CHECK-NEXT: %2 = add i32 %[[C2]], 4
; CHECK-NEXT: %3 = load volatile i16, i16* %2, align 2
; CHECK-NEXT: %4 = inttoptr i32 %[[C2]], 32
; CHECK-NEXT: %5 = load volatile i16, i16* %4, align 2
; CHECK-NEXT: %6 = inttoptr i32 %[[C2]], 62
; CHECK-NEXT: %7 = load volatile i16, i16* %6, align 2
; CHECK-NEXT: %8 = inttoptr i32 %[[C1]] to i16*
; CHECK-NEXT: %9 = load volatile i16, i16* %8, align 2
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i16*
; CHECK-NEXT: %11 = load volatile i16, i16* %10, align 2

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttopr (i32 805874688 to i16*), align 2
  %1 = load volatile i16, i16* inttopr (i32 805874692 to i16*), align 2
  %2 = load volatile i16, i16* inttopr (i32 805874720 to i16*), align 2
  %3 = load volatile i16, i16* inttopr (i32 805874750 to i16*), align 2
  %4 = add i32 %[[C2]], 4
  %5 = inttoptr i32 %[[C2]] to i16*
  %6 = load volatile i16, i16* %4, align 2
  %7 = inttoptr i32 %[[C2]], 32
  %8 = load volatile i16, i16* %7, align 2
  %9 = inttoptr i32 %[[C1]] to i16*
  %10 = load volatile i16, i16* %9, align 2
  %11 = inttoptr i32 %[[M4]] to i16*
  %12 = load volatile i16, i16* %11, align 2

define void @foo_i32() {
  entry:
    %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
    %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
    %2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
    %3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
    %4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
    %5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
  ret void
}

define void @foo_i32() {
  entry:
    %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
    %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
    %2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
    %3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
    %4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
    %5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
  ret void
}

define void @foo_i32() {
  entry:
    %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
    %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
    %2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
    %3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
    %4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
    %5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
  ret void
}
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; NOTE: Assertions have been autogenerated by utils/update.llc_test_checks.py
; RUN: llvm-run-test -mtriple=x86_64-unknown-unknown -mattr=avx512vl,avx512bw,avx512dq,prefer-256-bit | FileCheck %s

; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

define void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: add256:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:   vmovdqa (%rdi), %ymm0
  ; CHECK-NEXT:   vmovdqa 32(%rdi), %ymm1
  ; CHECK-NEXT:   vpaddd 32(%rsi), %ymm1, %ymm1
  ; CHECK-NEXT:   vpaddd (%rsi), %ymm0, %ymm0
  ; CHECK-NEXT:   vmovdqa %ymm0, (%rdx)
  ; CHECK-NEXT:   vmovdqa %ymm1, 32(%rdx)
  ; CHECK-NEXT:   vzeroupper
  ; CHECK-NEXT:   retq
%
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
  store <16 x i32> %f, <16 x i32>* %c
  ret void
}

define void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: add512:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:   vmovdqa (%rdi), %ymm0
  ; CHECK-NEXT:   vmovdqa 32(%rdi), %ymm1
  ; CHECK-NEXT:   vpadd 32(%rsi), %ymm1, %ymm1
  ; CHECK-NEXT:   vpadd (%rsi), %ymm0, %ymm0
  ; CHECK-NEXT:   vmovdqa %ymm0, (%rdx)
  ; CHECK-NEXT:   vmovdqa %ymm1, 32(%rdx)
  ; CHECK-NEXT:   vzeroupper
  ; CHECK-NEXT:   retq
%
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
  store <16 x i32> %f, <16 x i32>* %c
  ret void
}
define void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b)
"min-legal-vector-width"="256" {
    ; CHECK-LABEL: avg_v64i8_256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vmovdqa (%rsi), %ymm0
    ; CHECK-NEXT:  vmovdqa 32(%rsi), %ymm1
    ; CHECK-NEXT:  vpavgb (%rdi), %ymm0, %ymm0
    ; CHECK-NEXT:  vpavgb 32(%rdi), %ymm1, %ymm1
    ; CHECK-NEXT:  vmovdqu %ymm1, (%rax)
    ; CHECK-NEXT:  vmovdqu %ymm0, (%rax)
    ; CHECK-NEXT:  vzeroupper
    ; CHECK-NEXT:  retq
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
    store <16 x i32> %f, <16 x i32>* %c
    ret void }  

define void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b)
"min-legal-vector-width"="512" {
    ; CHECK-LABEL: avg_v64i8_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:  vmovdqa64 (%rsi), %zmm0
    ; CHECK-NEXT:  vpadd (%rsi), %zmm0, %zmm0
    ; CHECK-NEXT:  vmovdqa64 %zmm0, (%rdx)
    ; CHECK-NEXT:  vzeroupper
    ; CHECK-NEXT:  retq
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
    store <16 x i32> %f, <16 x i32>* %c
    ret void }
define void @pmaddwd_32_256(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="256" {
; CHECK-LABEL: pmaddwd_32_256:
; CHECK: # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpmaddwd 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vpmaddwd (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vmovdqa %ymm0, 32(%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%A = load <32 x i16>, <32 x i16>* %APtr
%B = load <32 x i16>, <32 x i16>* %BPtr
%a = sext <32 x i16> %A to <32 x i32>
%b = sext <32 x i16> %B to <32 x i32>
%m = mul nsw <32 x i32> %a, %b
%odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
%even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
%ret = add <16 x i32> %odd, %even
store <16 x i32> %ret, <16 x i32>* %CPtr
ret void
}

define void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-
width"="512" {
; CHECK-LABEL: pmadwd_32_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:  vmadddwd (%rsi), %zmm0, %zmm0
; CHECK-NEXT:  vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq

%A = load <32 x i16>, <32 x i16>* %APtr
%B = load <32 x i16>, <32 x i16>* %BPtr
%a = sext <32 x i16> %A to <32 x i32>
%b = sext <32 x i16> %B to <32 x i32>
%m = mul nsw <32 x i32> %a, %b
%odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
%even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
%ret = add <16 x i32> %odd, %even
store <16 x i32> %ret, <16 x i32>* %CPtr
ret void }

define void @psubus_64i8_max_256(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="256" {
; CHECK-LABEL: psubus_64i8_max_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:  vmovdqa (%rdi), %ymm0
; CHECK-NEXT:  vmovdqa32 (%rdi), %ymm1
; CHECK-NEXT:  vpsubusb32 (%rsi), %ymm1, %ymm1
; CHECK-NEXT:  vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT:  vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:  vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq

%x = load <64 x i8>, <64 x i8>* %xptr
%y = load <64 x i8>, <64 x i8>* %yptr
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr
ret void }

define void @psubus_64i8_max_512(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="512" {
; CHECK-LABEL: psubus_64i8_max_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
}
define i32 @_Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width":"256" {
    ; CHECK-LABEL: _Z9test_charPcS_i_256:
    ; CHECK:      # %bb.0: # %entry
    ; CHECK-NEXT:  movl %edx, %eax
    ; CHECK-NEXT:  vpxor %xmm0, %xmm0, %xmm0
    ; CHECK-NEXT:  xorl %ecx, %ecx
    ; CHECK-NEXT:  vpxor %xmm1, %xmm1, %xmm1
    ; CHECK-NEXT:  vpxor %xmm2, %xmm2, %xmm2
    ; CHECK-NEXT:  .p2align 4, 0x90
    ; CHECK-NEXT:  .LBB8_1: # %vector.body
    ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
    ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %ymm3
    ; CHECK-NEXT:    vpmovsxbw 16(%rdi,%rcx), %ymm4
    ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %ymm5
    ; CHECK-NEXT:    vpmaddwd %ymm3, %ymm5, %ymm3
    ; CHECK-NEXT:    vpaddd %ymm1, %ymm3, %ymm1
    ; CHECK-NEXT:    vpmaddwd %ymm4, %ymm3, %ymm3
    ; CHECK-NEXT:    vpaddd %ymm2, %ymm2, %ymm2
    ; CHECK-NEXT:    addq $32, %rcx
    ; CHECK-NEXT:    cmpq %rcx, %rax
    ; CHECK-NEXT:    jne .LBB8_1
    ; CHECK-NEXT:      # %bb.2: # %middle.block
    ; CHECK-NEXT:    vpaddd %ymm0, %ymm0, %ymm1
    ; CHECK-NEXT:    vpaddd %ymm0, %ymm2, %ymm0
    ; CHECK-NEXT:    vpaddd %ymm0, %ymm1, %ymm0
    ; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
    ; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
    ; CHECK-NEXT:    vpsubb (%rsi), %zmm0, %zmm0
    ; CHECK-NEXT:    vmovdqa64 %zmm0, (%rdx)
    ; CHECK-NEXT:    vzeroupper
    ; CHECK-NEXT:    retq
    ; CHECK-NEXT:    %x = load <64 x i8>, <64 x i8>* %xptr
    ; CHECK-NEXT:    %y = load <64 x i8>, <64 x i8>* %yptr
    ; CHECK-NEXT:    %cmp = icmp ult <64 x i8> %x, %y
    ; CHECK-NEXT:    %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
    ; CHECK-NEXT:    %res = sub <64 x i8> %max, %y
    ; CHECK-NEXT:    store <64 x i8> %res, <64 x i8>* %zptr
    ; CHECK-NEXT:    ret void
}
; CHECK-NEXT:  retq
tenry:
%3 = zext i32 %2 to i64
br label %vector.body

vector.body:
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
%4 = getelementptr inbounds i8, i8* %0, i64 %index
%5 = bitcast i8* %4 to <32 x i8>*
%wide.load = load <32 x i8>, <32 x i8>* %5, align 1
%6 = sext <32 x i8> %wide.load to <32 x i32>
%7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
%10 = mul nsw <32 x i32> <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
%rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
ret i32 %13
}

define i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width=""512"" {
 ; CHECK-LABEL: _Z9test_charPcS_i_512:
 ; CHECK:    # %bb.0: # %entry
 ; CHECK-NEXT: movl %edx, %eax
 ; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
 ; CHECK-NEXT: xorl %ecx, %ecx
 ; CHECK-NEXT: vpxor %xmm1, %xmm1, %xmm1
 ; CHECK-NEXT: .p2align 4, 0x90
 ; CHECK-NEXT:  .LBB9_1: # %vector.body
 ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
 ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %zmm2
 ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %zmm3
 ; CHECK-NEXT:    vpmaddwd %zmm2, %zmm3, %zmm2
 ; CHECK-NEXT:    vpaddd %zmm1, %zmm2, %zmm1
 ; CHECK-NEXT:    addq $32, %rcx
 ; CHECK-NEXT:    cmpq %rcx, %rax
 ; CHECK-NEXT:    jne .LBB9_1
 ; CHECK-NEXT:  # %bb.2: # %middle.block
 ; CHECK-NEXT:    vpaddd %zmm0, %zmm1, %zmm0
 ; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm1
 ; CHECK-NEXT:    vpaddd %zmm1, %zmm0, %zmm0
 ; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
 ; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,0,1]
 ; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
 ; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[1,1,2,3]
 ; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
 ; CHECK-NEXT:    vmovd %xmm0, %eax
 ; CHECK-NEXT:    vzeroupper
 ; CHECK-NEXT:    retq
entry:
    %3 = zext i32 %2 to i64
br label %vector.body

vector.body:
    %index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
    %vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
    %4 = getelementptr inbounds i8, i8* %0, i64 %index
    %5 = bitcast i8* %4 to <32 x i8>*
    %wide.load = load <32 x i8>, <32 x i8>* %5, align 1
    %6 = sext <32 x i8> %wide.load to <32 x i32>
    %7 = getelementptr inbounds i8, i8* %1, i64 %index
    %8 = bitcast i8* %7 to <32 x i8>*
middle.block:
  %rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 unde
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx2 = add <16 x i32> %bin.rdx, %r dx.shuf2
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx3 = add <16 x i32> %bin.rdx2, %r dx.shuf3
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx4 = add <16 x i32> %bin.rdx3, %r dx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12

define i32 @sad_16i8_512() "min-legal-vector-width"="512" 
; CHECK-LABEL: sad_16i8_512:
; CHECK:
; CHECK-NEXT:  vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:  movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT:  .p2align 4, 0x90
; CHECK-NEXT:  .LBB11_1: # %vector.body
; CHECK-NEXT:  # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:  vmovdqu a+1024(%rax), %xmm1
; CHECK-NEXT:  vpsadbw b+1024(%rax), %xmm1, %xmm1
; CHECK-NEXT:  vpadd %zm m0, %zmm1, %zmm0
; CHECK-NEXT:  addq $4, %rax
; CHECK-NEXT:  vextracti64x4 %zmm0, %zmm0, %zmm1
; CHECK-NEXT:  vpad d %zmm0, %zmm0, %zmm1
; CHECK-NEXT:  vpsadbw b+1024(%rax), %xmm1, %xmm1
; CHECK-NEXT:  vpad d %zmm0, %zmm1, %zmm0
; CHECK-NEXT:  vextr act i128 %zmm0, %zmm0, %zmm1
; CHECK-NEXT:  vpad d %zmm1, %zmm0, %zmm0
; CHECK-NEXT:  vps ufl d {{.*#+}} xmm1 = xmm0[2,3,0,1]
; CHECK-NEXT:  vpad d %xmm0, %xmm1, %xmm0
; CHECK-NEXT:  vps ufl d {{.*#+}} xmm1 = xmm0[1,1,2,3]
; CHECK-NEXT:  vpad d %xmm1, %xmm0, %xmm0
; CHECK-NEXT:  vmovd %xmm0, %eax
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq
entry:
br label %vector.body

vector.body:
%index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
%vec.phi = phi <16 x i32> [ zeroinitialize, %entry ], [ %10, %vector.body ]
%0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load1 to <16 x i32>
%6 = sub nsw <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitialize, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

middle.block:
%.lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %.lcssa, undef, <16 x i32> %i32 8, %i32 9, %i32 10, %i32 11, %i32 12, %i32 13, %i32 14, %i32 15, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef
%bin.rdx = add <16 x i32> %.lcssa, %rdx.shuf
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, undef, <16 x i32> %i32 4, %i32 5, %i32 6, %i32 7, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef
%bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, undef, <16 x i32> %i32 2, %i32 3, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef
%bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
%rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, undef, <16 x i32> %i32 1, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef, %i32 undef
%bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12
}
define void @sbto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: sbto16f32_256:
; CHECK: # %bb.0:
; CHECK-NEXT: vmovw2m %ymm0, %k0
; CHECK-NEXT: kshiftrw %8, %k0, %k1
; CHECK-NEXT: vmovvm2d %k1, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT: vmovaps %ymm1, (%rdi)
; CHECK-NEXT: vmovaps %ymm0, 32(%rdi)
define void @sbto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = sitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}

define void @sbto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
  %mask = icmp slt <16 x i16> %a, zeroinitializer
  %1 = sitofp <16 x i1> %mask to <16 x double>
  store <16 x double> %1, <16 x double>* %res
  ret void
}
define void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {  
; CHECK-LABEL: sbto16f64_512:  
; CHECK:     # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: vpmovm2d %k0, %zmm0  
; CHECK-NEXT: cvttdq2pd %ymm0, %zmm0  
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0  
; CHECK-NEXT: cvttdq2pd %ymm0, %zmm0  
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)  
; CHECK-NEXT: vmovaps %zmm1, (%rdi)  
; CHECK-NEXT: vzeroupper  
%mask = icmp slt <16 x i16> %a, zeroinitializer  
%1 = sitofp <16 x i1> %mask to <16 x double>  
store <16 x double> %1, <16 x double>* %res  
ret void  
}

define void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {  
; CHECK-LABEL: ubto16f32_256:  
; CHECK:     # %bb.0:  
; CHECK-NEXT: kshiftrw $8, %k0, %k1  
; CHECK-NEXT: vpmovm2d %k1, %ymm0  
; CHECK-NEXT: cvttdq2ps %ymm0, %ymm0  
; CHECK-NEXT: vpmovm2d %k0, %ymm1  
; CHECK-NEXT: vpsrld $31, %ymm1, %ymm1  
; CHECK-NEXT: cvttdq2ps %ymm1, %ymm1  
; CHECK-NEXT: vmovaps %ymm1, (%rdi)  
; CHECK-NEXT: vmovaps %ymm0, 32(%rdi)  
; CHECK-NEXT: vzeroupper  
%mask = icmp slt <16 x i16> %a, zeroinitializer  
%1 = uitofp <16 x i1> %mask to <16 x float>  
store <16 x float> %1, <16 x float>* %res  
ret void  
}

define void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {  
; CHECK-LABEL: ubto16f32_512:  
; CHECK:     # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: kshiftrw $8, %k0, %k1  
; CHECK-NEXT: vpmovm2d %k1, %ymm0  
; CHECK-NEXT: vpsrld $31, %ymm0, %ymm0  
; CHECK-NEXT: cvttdq2ps %ymm0, %ymm0  
; CHECK-NEXT: vpmovm2d %k0, %ymm1  
; CHECK-NEXT: vpsrld $31, %ymm1, %ymm1  
; CHECK-NEXT: cvttdq2ps %ymm1, %ymm1  
; CHECK-NEXT: vmovaps %ymm1, (%rdi)  
; CHECK-NEXT: vmovaps %ymm0, 32(%rdi)  
; CHECK-NEXT: vzeroupper  
%mask = icmp slt <16 x i16> %a, zeroinitializer  
%1 = uitofp <16 x i1> %mask to <16 x float>  
store <16 x float> %1, <16 x float>* %res  
ret void  
}
define void @ubto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f64_256:
; CHECK: # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k1, %ymm0
; CHECK-NEXT: vpsrlq 31, %ymm0, %ymm0
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm1
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT: vpmovm2d %k0, %ymm2
; CHECK-NEXT: vpmovm2d %k1, %ymm2
; CHECK-NEXT: vpsrlq 31, %ymm2, %ymm2
; CHECK-NEXT: vmovaps %ymm2, 64(%rdi)
; CHECK-NEXT: vcvtd2pd %xmm2, %ymm3
; CHECK-NEXT: vzerooupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}

define void @ubto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f64_512:
; CHECK: # %bb.0:
; CHECK-NEXT: vpmovw2m %ymm0, %k0
; CHECK-NEXT: vpmovm2d %k0, %zmm0
; CHECK-NEXT: vpsrld 31, %zmm0, %zmm0
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT: vcvtdq2pd %zmm0, %zmm1
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT: vcvtdq2pd %zmm0, %zmm0
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x float>
store <16 x float> %1, <16 x float>* %res
ret void
}
%l = uitofp <16 x i1> %mask to <16 x double>
store <16 x double> %l, <16 x double>* %res
ret void
}

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
; CHECK-LABEL: test_16f32toub_256:
; CHECK:    # %bb.0:
; CHECK-NEXT: vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT: vpslld $31, %ymm1, %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k0
; CHECK-NEXT: vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT: vpslld $31, %ymm1, %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k1
; CHECK-NEXT: kunpckbw %k0, %k1, %k1
; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT: retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptoui <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
; CHECK-LABEL: test_16f32toub_512:
; CHECK:    # %bb.0:
; CHECK-NEXT: vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT: vpslld $31, %zmm1, %zmm1
; CHECK-NEXT: vpmovd2m %zmm1, %k1
; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT: retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptoui <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
; CHECK-LABEL: test_16f32tosb_256:
; CHECK:    # %bb.0:
; CHECK-NEXT: vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k0
; CHECK-NEXT: vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT: vpmovd2m %ymm1, %k1
; CHECK-NEXT: kunpckbw %k0, %k1, %k1

define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
; CHECK-LABEL: test_16f32tosb_512:
; CHECK:
; CHECK-NEXT: vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT: vpmovd2m %zmm1, %k1
; CHECK-NEXT: vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT: retq
%a = load <16 x float>, <16 x float>* %ptr
%mask = fptosi <16 x float> %a to <16 x i1>
%select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
ret <16 x i16> %select
}

define void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {
; CHECK-LABEL: mul256:
; CHECK:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vmovdqa (%rsi), %ymm2
; CHECK-NEXT: vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT: vpunpckhbw {{.*#+}} ymm4 = ymm3[8],ymm0[8],ymm3[9],ymm0[9],ymm3[10],ymm0[10],ymm3[11],ymm0[11],ymm3[12],ymm0[12],ymm3[13]
,ymm0[13],ymm3[14],ymm0[14],ymm3[15],ymm0[15],ymm3[24],ymm0[24],ymm3[25],ymm0[25],ymm3[26],ymm0[26],ymm3[27],ymm0[27],ymm3[28],ymm0[28],ymm3[29],ymm0[29],ymm3[30],ymm0[30],ymm3[31],ymm0[31]
; CHECK-NEXT: vpunpckhbw {{.*#+}} ymm5 = ymm1[8],ymm0[8],ymm1[9],ymm0[9],ymm1[10],ymm0[10],ymm1[11],ymm0[11],ymm1[12],ymm0[12],ymm1[13]
,ymm0[13],ymm1[14],ymm0[14],ymm1[15],ymm0[15],ymm1[24],ymm0[24],ymm1[25],ymm0[25],ymm1[26],ymm0[26],ymm1[27],ymm0[27],ymm1[28],ymm0[28],ymm1[29],ymm0[29],ymm1[30],ymm0[30],ymm1[31],ymm0[31]
; CHECK-NEXT: vpunpcklbw {{.*#+}} ymm6 = ymm3[0],ymm0[0],ymm3[1],ymm0[1],ymm3[2],ymm0[2],ymm3[3],ymm0[3],ymm3[4],ymm0[4],ymm3[5],ymm0[5]
,ymm3[6],ymm0[6],ymm3[7],ymm0[7],ymm3[16],ymm0[16],ymm3[17],ymm0[17],ymm3[18],ymm0[18],ymm3[19],ymm0[19],ymm3[20],ymm0[20],ymm3[21],ymm0[21],ymm3[22],ymm0[22],ymm3[23],ymm0[23]
; CHECK-NEXT: vpunpcklbw {{.*#+}} ymm1 =
define void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {  
    # %bb.0:  
    CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0  
    CHECK-NEXT:  vmovdqa64 (%rsi), %zmm1  
    CHECK-NEXT:  vpunpckhbhw {{.*#+}} %zmm2 =  
        zmm1[8],zmm0[8],zmm1[9],zmm0[9],zmm1[10],zmm0[10],zmm1[11],zmm0[11],zmm1[12],zmm0[12],zmm1[13],  
        zmm0[13],zmm1[14],zmm0[14],zmm1[15],zmm0[15],zmm1[16],zmm0[16],zmm1[17],zmm0[17],zmm1[18],zmm0[18],zmm1[19],zmm0[19],zmm1[20],zmm0[20],zmm1[21],zmm0[21],zmm1[22],zmm0[22],zmm1[23],zmm0[23]  
    ; CHECK-NEXT:  vpmullw %ymm3, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpand %ymm5, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpackuswb %ymm4, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm3 =  
        ymm2[8],ymm0[8],ymm2[9],ymm0[9],ymm2[10],ymm0[10],ymm2[11],ymm0[11],ymm2[12],ymm0[12],ymm2[13],  
        ymm0[13],ymm1[14],ymm0[14],ymm1[15],ymm0[15],ymm1[16],ymm0[16],ymm1[17],ymm0[17],ymm1[18],ymm0[18],ymm1[19],ymm0[19],ymm1[20],ymm0[20],ymm1[21],ymm0[21],ymm1[22],ymm0[22],ymm1[23],ymm0[23]  
    ; CHECK-NEXT:  vpmullw %ymm3, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpand %ymm5, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpackuswb %ymm4, %ymm1, %ymm1  
    ; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm4 =  
        ymm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]  
    ; CHECK-NEXT:  vpmullw %ymm3, %ymm0, %ymm0  
    ; CHECK-NEXT:  vpand %ymm5, %ymm0, %ymm0  
    ; CHECK-NEXT:  vpackuswb %ymm3, %ymm0, %ymm0  
    ; CHECK-NEXT:  vzeroupper  
    ; CHECK-NEXT:  retq  
    %d = load <64 x i8>, <64 x i8>* %a  
    %e = load <64 x i8>, <64 x i8>* %b  
    %f = mul <64 x i8> %d, %e  
    store <64 x i8> %f, <64 x i8>* %c  
    ret void  
}
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1.1059 jboss-remoting 4.0.21.Final

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1.1060 jboss-annotations-api-1-3-spec

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  jar/org/eclipse/jgit/internal/storage/file/WindowCursor.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/transport/SshSessionFactory.java
*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/InvalidRemoteException.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/events/ListenerHandle.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/events/ListenerList.java

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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/FollowFilter.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/ThreadSafeProgressMonitor.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/diff/DiffAlgorithm.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/ObjectReader.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/diff/SimilarityRenameDetector.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/ThreadSafeProgressMonitor.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/events/RepositoryListener.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/LargeObjectException.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/util/TemporaryBuffer.java
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  jar/org/eclipse/jgit/treewalk/TreeWalk.java
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  jar/org/eclipse/jgit/dircache/DirCacheEditor.java
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  jar/org/eclipse/jgit/dircache/DirCacheIterator.java
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  jar/org/eclipse/jgit/dircache/DirCacheTree.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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 Fetch objects we don't have but that are reachable from advertised refs.
<p>
Only one call per connection is allowed. Subsequent calls will result in
<ul>
<li>{@link org.eclipse.jgit.errors.TransportException}.</li>
</ul>
<p>
Implementations are free to use network connections as necessary to
efficiently (for both client and server) transfer objects from the remote
repository into this repository. When possible implementations should
avoid replacing/overwriting/duplicating an object already available in
the local destination repository. Locally available objects and packs
should always be preferred over remotely available objects and packs.
<ul>
<li>{@link org.eclipse.jgit.transport.Transport#isFetchThin()} should be
* honored if applicable.
* </p>
*
* @param monitor
* progress monitor to inform the end-user about the amount of
* work completed, or to indicate cancellation. Implementations
* should poll the monitor at regular intervals to look for
* cancellation requests from the user.
* @param want
* one or more refs advertised by this connection that the caller
* wants to store locally.
* @param have
* additional objects known to exist in the destination
* repository, especially if they aren't yet reachable by the ref
* database. Connections should take this set as an addition to
* what is reachable through all Refs, not in replace of it.
* @throws org.eclipse.jgit.errors.TransportException
* objects could not be copied due to a network failure,
* protocol error, or error on remote side, or connection was
* already used for fetch.
*/

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/merge/MergeAlgorithm.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/merge/MergeFormatter.java

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  * /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/PostUploadHook.java
  * /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/PostUploadHookChain.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/storage/file/InfoAttributesNode.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/StashDropCommand.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/LogCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/RevertCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/errors/MultipleParentsNotAllowedException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/treewalk/filter/IndexDiffFilter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/RevertCommand.java

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  jar/org/eclipse/jgit/events/IndexChangedListener.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/InternalHttpServerGlue.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/DirCacheNameConflictException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificate.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificateStore.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificateIdent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/TestProtocol.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/ObjectCountCallback.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/UserAgent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/SignedPushConfig.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/ObjectIdSet.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/gitrepo/RepoProject.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/InternalFetchConnection.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/HMACSHA1NonceGenerator.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/WriteAbortedException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/ProgressSpinner.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/InternalPushConnection.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/NonceGenerator.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/NoMessageException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/CheckoutConflictException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/NoMessageException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/CheckoutConflictException.java
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jar/org/eclipse/jgit/api/RemoteListCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/RemoteSetUrlCommand.java

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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/MergeBaseGenerator.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/TransportAmazonS3.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/WalkEncryption.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/file/PackIndexV2.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/filter/AuthorRevFilter.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/filter/SubStringRevFilter.java
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  jar/org/eclipse/jgit/api/AddNoteCommand.java
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  jar/org/eclipse/jgit/api/ReflogCommand.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5.0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/TrackingRefUpdate.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/BundleWriter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/UploadPack.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/RefAdvertiser.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/SideBandProgressMonitor.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/SideBandOutputStream.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/BaseReceivePack.java

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  jar/org/eclipse/jgit/internal/storage/file/ByteWindow.java
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jar/org/eclipse/jgit/dircache/BaseDirCacheEditor.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/StringUtils.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/io/StreamCopyThread.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/io/MessageWriter.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/resolver/ServiceNotAuthorizedException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/resolver/FileResolver.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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jar/org/eclipse/jgit/internal/storage/file/PackIndex.java
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jar/org/eclipse/jgit/revwalk/RevSort.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/submodule/SubmoduleWalk.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/SubmoduleStatusCommand.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/SubmoduleAddCommand.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/submodule/SubmoduleStatusType.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/SubmoduleInitCommand.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/SubmoduleSyncCommand.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/BlameCommand.java
  */opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/submodule/SubmoduleStatus.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/FetchCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/PushCommand.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/RevBlob.java
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jar/org/eclipse/jgit/api/DeleteTagCommand.java
*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/api/DiffCommand.java
*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/revwalk/filter/SkipRevFilter.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/storage/file/WindowCacheStats.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/transport/CredentialsProvider.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/IndexReadException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/errors/TooLargePackException.java

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  jar/org/eclipse/jgit/internal/storage/pack/ObjectToPack.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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*/
/**
 * {@inheritDoc}
 * <p>
 * Free resources associated with this instance.
 * <p>
 * If the repository was opened by a static factory method in this class,
 * then this method calls {@link Repository#close()} on the underlying
 * repository instance. (Whether this actually releases underlying
 * resources, such as file handles, may vary; see {@link Repository} for
 * more details.)
 * <p>
 * If the repository was created by a caller and passed into
 * {@link #Git(Repository)} or a static factory method in this class, then
 * this method does not call close on the underlying repository.
 * <p>
 * In all cases, after calling this method you should not use this
* {@link Git} instance anymore.
*
* @since 3.2
*/

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  jar/org/eclipse/jgit/transport/ReceiveCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/transport/PostReceiveHook.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/util/QuotedString.java
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  jar/org/eclipse/jgit/patch/FormatError.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/treewalk/CanonicalTreeParser.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/RefUpdate.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/SubmoduleDeinitResult.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/ChangeIdUtil.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/dfs/DfsBlock.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/file/ByteArrayWindow.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/TransportBundleStream.java
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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

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"Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

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

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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1.1105 jackson-databind 2.10.1

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

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

diff -up yum-3.4.3/yum/update_md.py.old yum-3.4.3/yum/update_md.py
+++ yum-3.4.3/yum/update_md.py 2015-05-28 19:24:05.971806965 +0200
@@ -33,6 +33,7 @@ import Errors
import logginglevels
import rpmUtils.miscutils
+from rpmUtils.arch import ArchStorage

def safe_iterparse(filename, logger=None):

diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org 2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
     A single update notice (for instance, a security fix).
     ""
-    def __init__(self, elem=None):
+    def __init__(self, elem=None, repoid=None, vlogger=None):
        self._md = {
            'from' : '',
            'type' : '',
@@ -83,6 +83,9 @@ class UpdateNotice(object):
            if elem:
                self._parse(elem)
+        self._repoid = repoid
+        self._vlogger = vlogger
+
+    def __getitem__(self, item):
+        """ Allows scriptable metadata access (ie: un['update_id']). ""
+        if type(item) is int:
+            # Tests to see if it's "the same data", which means that the
+            # packages can be different (see add_notice).
"""
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def _rid(un):
if hasattr(un, '_repoid') and un._repoid is not None:
return un._repoid
else:
return '<unknown>'
def _log_failure(data):
"""Log the mismatched data similarly to conflict markers in git."""
if self._vlogger is None:
return
msg = _('Duplicate of %s differs in some fields:\n')
msg %= other._md['update_id']
msg += '<<<<<<< %s:%s\n' % (_rid(other), data)
msg += '%r\n=======\n%r\n' % (other._md[data], self._md[data])
msg += '>>>>>>> %s:%s' % (_rid(self), data)
# --verbose mode enables this
self._vlogger.log(logginglevels.DEBUG_3, msg)
if not other or not hasattr(other, '_md'):
return False

@@ -113,6 +134,7 @@ class UpdateNotice(object):
if data == 'status': # FIXME: See below...
continue
if self._md[data] != other._md[data]:
+
_log_failure(data)
return False
# FIXME: Massive hack, Fedora is really broken and gives status=stable
# and status=testing for updateinfo notices, just depending on which
@@ -120,8 +142,10 @@ class UpdateNotice(object):
data = 'status'
if self._md[data] != other._md[data]:
if self._md[data] not in ('stable', 'testing'):
+
_log_failure(data)
return False
if other._md[data] not in ('stable', 'testing'):
+
_log_failure(data)
return False
# They are both really "stable" ...
self._md[data] = 'stable'
@@ -574,7 +598,7 @@ class UpdateMetadata(object):
for event, elem in safe_iterparse(infile, logger=self._logger):
if elem.tag == 'update':
try:
un = UpdateNotice(elem)
+
un = UpdateNotice(elem, repoid, self._vlogger)
except UpdateNoticeException, e:
msg = _("An update notice%s is broken, skipping.") % _rid(repoid)

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if self._vlogger:
@@ -587,6 +611,8 @@ class UpdateMetadata(object):
    msg = _("Update notice %s is broken, or a bad duplicate, skipping.") % (un['update_id'],
    _rid(rid(rid))
    if not have_dup:
        msg += _("You should report this problem to the owner of the %repository.") % _rid(rid, "%s")
+        msg += _("If you are the owner, consider re-running the same command with --verbose to see the'
+              'exact data that caused the conflict.")
    have_dup = True
    if self._vlogger:
        self._vlogger.warn("%s", msg)

1.1107 jetty-security 9.3.9.v20160517

1.1108 godbus v4.0.0
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1.1109 errors 0.8.1

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1.1110 wildfly-host-controller 6.0.2.Final

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1.1111 theora 1.1.1 8.el7

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1.1112 security-provider 1.0.2
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1.1117 consul-client 0.5.2
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* /opt/ws_local/PERMITS_SQL/1049475049_1591229817.18/0/consul-client-0-5-2-tgz/package/README.md

1.1118 hdrhistogram 2.1.11
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* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/PercentileIterator.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/Histogram.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/ZigZagEncoding.java
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* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/Base64Helper.java
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* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/DoubleLinearIterator.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/DoubleLogarithmicIterator.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/AtomicHistogram.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/Recorder.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/LinearIterator.java
* /opt/ws_local/PERMITS_SQL/1011812668_1591898465.74/0/hdrhistogram-2-1-11-sources-jar/org/HdrHistogram/DoubleRecordedValuesIterator.java
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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/Version.java
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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/streams/Streams.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/sasl/SaslWrapper.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/ChannelListeners.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/Property.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/channels/SimpleAcceptingChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/channels/TranslatingSuspendableChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/XnioFileChannel.java

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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/streams/BufferPipeOutputStream.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/streams/WriterOutputStream.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/streams/BufferPipeOutputStream.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/streams/WriterOutputStream.java
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 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/MulticastMessageChannel.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/UnsupportedOptionException.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/WritableMultipointMessageChannel.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/StreamSourceChannel.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/AbstractConvertingIoFuture.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/streams/ChannelInputStream.java
 * /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/SuspendableWriteChannel.java
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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/BlockingWritableByteChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/SaslStrength.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/sasl/OptionMap.java
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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/channels/Sequence.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/channels/SslChannel.java

* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/conduits/BufferedStreamSinkConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/FileChangeCallback.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/sasl/SaslUnwrappingConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/conduits/AbstractSinkConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/conduits/ConduitReadableByteChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/ssl/JssesSslStreamConnection.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/conduits/SynchronizedMessageSinkConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnioIoThread.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1.jar/org/xnio/channels/AcceptListenerSettable.java
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jar/org/xnio/http/HttpUpgrade.java
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* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/WriteListenerSettable.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/FixedLengthStreamSinkConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/AbstractSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/PushBackStreamSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/AbstractConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/AbstractSynchronizedSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/FixedLengthStreamSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/sasl/SaslWrappingConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/AbstractMessageSinkConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/FileChangeEvent.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/AbstractSynchronizedConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/MessageSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/StreamSourceConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/channels/StreamSinkChannelWrappingConduit.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/MessageConnection.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-jar/org/xnio/conduits/MessageSourceConduit.java
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  jar/org/xnio/channels/AssembledConnectedChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-
  jar/org/xnio/channels/FixedLengthStreamSourceChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-
  jar/org/xnio/channels/AssembledStreamChannel.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-
  jar/org/xnio/DelegatingChannelListener.java
* /opt/cola/permits/1110675511_1606843952.33/0/xnio-api-3-6-5-final-sources-1-
  jar/org/xnio/channels/ConcurrentStreamChannelAccessException.java
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  jar/org/xnio/channels/EmptyStreamSourceChannel.java
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  jar/org/xnio/channels/AssembledConnectedSslStreamChannel.java
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  jar/org/xnio/channels/AssembledConnectedMessageChannel.java
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  jar/org/xnio/channels/AssembledConnectedStreamChannel.java
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1.1129 jdatepicker 1.3.2

1.1130 ingest-user-agent 6.8.3

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1.1144 connect-mirror-client 2.4.1

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
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 cmd/krb5/slave/kpropd_rpc.c
 lib/gss_mechs/mech_krb5/et/kdb5_err.c
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 lib/krb5/kadm5/kadm_host_srv_names.c
 lib/krb5/kdb/kdb_convert.c
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 lib/krb5/kdb/kdb_log.c
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* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
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* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/OpenSslServerContext.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/SslUtils.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
jar/io/netty/handler/ssl/Util/InsecureTrustManagerFactory.java
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* /opt/cola/permits/1110676034_1606843975.35/0/netty-handler-4.1-24-final-sources-1.jar/io/netty/handler/ssl/PemX509Certificate.java
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* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
  jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-
  jar/io/netty/handler/timeout/TimeoutException.java
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  jar/io/netty/handler/timeout/IdleStateHandler.java
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* /opt/cola/permits/1110676034_1606843975.35/0/netty-handler-4-1-24-final-sources-1-jar/io/netty/handler/ssl/SslHandler.java

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Java 1.4: GIF (read only), JPEG, PNG
Java 1.5: Added support for BMP and WBMP
Java 1.6: Added support for writing GIF

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jar/org/wildfly/security/auth/jaspi/impl/ElytronMessageInfo.java
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jar/org/wildfly/security/auth/jaspi/impl/ElytronServerAuthContext.java
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A `{@link WebApplicationContext}` that can be used to bootstrap itself from a contained
`{@link ServletWebServerFactory}` bean.

This context will create, initialize and run an `{@link WebServer}` by searching for a
single `{@link ServletWebServerFactory}` bean within the `{@link ApplicationContext}`
itself. The `{@link ServletWebServerFactory}` is free to use standard Spring concepts
(such as dependency injection, lifecycle callbacks and property placeholder variables).

In addition, any `{@link Servlet}` or `{@link Filter}` beans defined in the context will be
automatically registered with the web server. In the case of a single Servlet bean, the
`'/`' mapping will be used. If multiple Servlet beans are found then the lowercase bean
name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
always be mapped to '/'. Filter beans will be mapped to all URLs (`/*`).

For more advanced configuration, the context can instead define beans that implement
the `{@link ServletContextInitializer}` interface (most often
`{@link ServletRegistrationBean}s` and/or `{@link FilterRegistrationBean}s`). To prevent
double registration, the use of `{@link ServletContextInitializer}` beans will disable
automatic Servlet and Filter bean registration.

Although this context can be used directly, most developers should consider using the
`{@link AnnotationConfigServletWebServerApplicationContext}` or
`{@link XmlServletWebServerApplicationContext}` variants.

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* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2-0-4-release-sources-1.jar/org/springframework/boot/jta/entityManager/EntityManagerBean.java
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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
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/**
 * <p>Encodes and decodes to and from Base64 notation.</p>
 * <p>Homepage: <a href="http://iharder.net/base64">http://iharder.net/base64</a>.</p>
 * <p>The &lt;tt&gt;options&lt;/tt&gt; parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes( bytes, options ) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds
 * (though that breaks strict Base64 compatibility), and encoding using the URL-safe
 * and Ordered dialects.</p>
 * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:</p>
 * <code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DONT_BREAK_LINES);
 * </code>
 * <p>to compress the data before encoding it and then making the output have no newline characters.</p>
 * <p>Change Log:
 * </p>
 * <ul>
 * <li>v2.2.2 - Fixed encodeFileTo_File and decodeFileTo_File to use the
 * Base64.InputStream class to encode and decode on the fly which uses
 * less memory than encoding/decoding an entire file into memory before writing.</li>
 * <li>v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
 * when using very small files (~&lt; 40 bytes).</li>
 * </ul>
* v2.2 - Added some helper methods for encoding/decoding directly from one file to the next. Also added a main() method to support command line encoding/decoding from one file to the next. Also added these Base64 dialects:
  * The default is RFC3548 format.
  * Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates URL and file name friendly format as described in Section 4 of RFC3548.
  * Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates URL and file name friendly format that preserves lexical ordering as described in http://www.faqs.org/qa/rfc-1940.html
  * Special thanks to Jim Kellerman at http://www.powerset.com/for contributing the new Base64 dialects.
  * v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.
  * v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).
  * v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.
  * v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (int OR together).
  * v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using decode(String s, boolean gzipCompressed).
  * Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
  * v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams.
  * Added the ability to GZip-compress objects before encoding them.
  * v1.4 - Added helper methods to read/write files.
  * v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
  * v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
  * v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
  * v1.3.3 - Fixed I/O streams which were totally messed up.
  * v1.3 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
  * v1.2 - Fixed when decoding a single byte, that is, when the encoded data was a single byte.
  * v1.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.
  * v1.0 - Initial release.

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analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
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were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
http://snowball.tartarus.org/

The KStem stemmer in
analysis/common/src/org/apache/lucene/analysis/en
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stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:
analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
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analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed
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The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
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package org.jfree.ui.about;

/**
 * A simple class representing a contributor to a software project.
 * <p>
 * Used in the AboutFrame class.
 * 
 * @author David Gilbert
 */
public class Contributor {

/** The name. */
private String name;
/** The e-mail address. */
private String email;

/**
 * Creates a new contributor.
 *
 * @param name  the name.
 * @param email  the e-mail address.
 */
public Contributor(final String name, final String email) {
    this.name = name;
    this.email = email;
}

/**
 * Returns the contributor's name.
 *
 * @return the contributor's name.
 */
public String getName() {
    return this.name;
}

/**
 * Returns the contributor's e-mail address.
 *
 * @return the contributor's e-mail address.
 */
public String getEmail() {
    return this.email;
}

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*
* Changes
* -------
* 26-Nov-2001 : Version 1 (DG);
* 29-Jan-2002 : Appended the instructions to the end of the GNU LGPL and GPL
* to comply with GNU requirements (DG);
* 28-Feb-2002 : Moved to package com.jrefinery.ui.about (DG);
* 08-Oct-2002 : Fixed errors reported by Checkstyle (DG);
* 17-Aug-2013 : Removed the text from GPL and LGPL static strings, which just
* waste memory, and deprecated to point people to getGPL() and
* getLGPL() (DG);
*
*/

package org.jfree.ui.about;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.io.UnsupportedEncodingException;

/**
 * Contains the full texts of the GNU General Public Licence and the GNU Lesser
 * General Public Licence. These are used in the presentation of a standard
public class Licences {

    /**
     * The GNU General Public Licence.
     * @deprecated Use {@link #getGPL()}.
     */
    public static final String GPL = "GNU GENERAL PUBLIC LICENSE\n";

    /**
     * The GNU Lesser General Public Licence.
     * @deprecated Use {@link #getLGPL()}.
     */
    public static final String LGPL = "GNU LESSER GENERAL PUBLIC LICENSE\n";

    /** The singleton instance of this class. */
    private static Licences singleton;

    /**
     * Returns a reference to the single instance of this class. In fact,
     * there is little point to having an instance of this class, but we're
     * leaving it that way for backwards compatibility until the JCommon
     * retirement.
     * @return the instance reference.
     */
    public static Licences getInstance() {
        if (singleton == null) {
            singleton = new Licences();
        }
        return singleton;
    }

    /**
     * Returns the GPL (v2.1) text.
     * @return the GPL licence text.
     */
    public String getGPL() {
        return readStringResource("gpl-2.0.txt");
    }

    /**
     * Returns the LGPL (v2.1) text.
     */
@return the LGPL licence text.
*/

public String getLGPL() {
    return readStringResource("lgpl-2.1.txt");
}

private String readStringResource(String name) {
    StringBuilder sb = new StringBuilder();
    InputStreamReader streamReader = null;
    try {
        InputStream inputStream = getClass().getResourceAsStream(name);
        streamReader = new InputStreamReader(inputStream, "UTF-8");
        BufferedReader in = new BufferedReader(streamReader);
        for (String line; (line = in.readLine()) != null;) {
            sb.append(line).append("\n");
        }
    } catch (UnsupportedEncodingException ex) {
        throw new RuntimeException(ex);
    } catch (IOException e) {
        throw new RuntimeException(e);
    } finally {
        try {
            streamReader.close();
        } catch (IOException ex) {
            throw new RuntimeException(ex);
        }
    }
    return sb.toString();
}
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/**
**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
* 
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
* subtypes:
* <ul>
* <li>{@link ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* 
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* 
* For more information, please refer to the documentation of each subtype.
* <p>
The context object

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

State management

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

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

public class DataServerHandler extends `@link SimpleChannelInboundHandler<Message>` {
    private boolean loggedIn;

    @Override
    public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }
    ...
}
```

Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where a unauthenticated client can get the confidential information:

```java
// Create a new handler instance per channel.
// See `@link ChannelInitializer#initChannel(Channel)`.
public class DataServerInitializer extends `@link ChannelInitializer`<`@link Channel`> {
    @Override
    public void initChannel(`@link Channel` channel) {
        // Create a new handler instance per channel.
    }
}
```
* public void initChannel(@link Channel} channel) {
*     channel.pipeline().addLast("handler", new DataServerHandler());
* }
* }
* *
* </pre>
* *
* <h4>Using @link AttributeKey}@s</h4>
* *
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use @link AttributeKey}s which is provided by
* @link ChannelHandlerContext;:
* *
* <pre>
* public interface Message {
*     // your methods here
* }
* *
* @code @Sharable
* public class DataServerHandler extends @link SimpleChannelInboundHandler}@&lt;Message&gt; { [private final @link AttributeKey}@&lt;@link Boolean}@&gt; auth =
*     @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth");
* *
*     { @code @Override
*     public void channelRead(@link ChannelHandlerContext} ctx, Message message) {
*         @link Attribute}@&lt;@link Boolean}@&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             attr.set(true);
*         } else if (message instanceof GetDataMessage) {
*             if (@b&gt;Boolean.TRUE.equals(attr.get())@&lt;/b&gt;) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* ...
* }
* </pre>
* *
* Now that the state of the handler is attached to the @link ChannelHandlerContext, you can add the
* same handler instance to different pipelines:
* *
* <pre>
* public class DataServerInitializer extends @link ChannelInitializer}@&lt;Channel&gt; {
*     private static final DataServerHandler SHARED = new DataServerHandler();
* *
*     { @code @Override
*     public void initChannel(@link Channel} channel) {
*         channel.pipeline().addLast("handler", new DataServerHandler());
* }
* }
* *
* </pre>
public void initChannel({@link Channel} channel) {
    channel.pipeline().addLast("handler", <b>SHARED</b>);
}

The {@code @Sharable} annotation

In the example above which used an {@link AttributeKey},
you might have noticed the {@code @Sharable} annotation.

If a {@link ChannelHandler} is annotated with the {@code @Sharable} annotation, it means you can create an instance of the handler just once and add it to one or more {@link ChannelPipeline}s multiple times without a race condition.

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

This annotation is provided for documentation purpose, just like the JCIP annotations.

Additional resources worth reading

Please refer to the {@link ChannelHandler}, and {@link ChannelPipeline} to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ChannelInboundInvoker.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/SelectStrategy.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/bootstrap/BootstrapConfig.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/DefaultSelectStrategyFactory.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/DefaultSelectStrategyFactory.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java

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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/ChannelId.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2.jar/io/netty/channel/AbstractEventLoopGroup.java
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/pool/MaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/pool/DefaultMaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/pool/DefaultMaxBytesRecvByteBufAllocator.java

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* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ServerChannel.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/DatagramPacket.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/SucceededChannelFuture.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/local/LocalEventLoopGroup.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/Channel.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/group/package-info.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/AbstractChannel.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/local/LocalAddress.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/DefaultChannelPromise.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/FileRegion.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/local/LocalChannel.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/ChannelOption.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/channel/MultithreadEventLoopGroup.java
* /opt/cola/permit\$1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-jar/io/netty/bootstrap/Bootstrap.java
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* /opt/cola/permits/110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/bootstrap/ServerBootstrap.java
* /opt/cola/permits/110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /opt/cola/permits/110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/SimpleUserEventChannelHandler.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
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* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/AbstractEventLoop.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/embedded/EmbeddedChannelId.java
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  jar/io/netty/channel/ChannelFactory.java
* /opt/cola/permits/1110676194_1606843461.55/0/netty-transport-4-1-34-final-sources-2-
  jar/io/netty/channel/PendingWriteQueue.java

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1.1188 snappy 1.1.0-3.el7

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1.1189 maven-plugin-api 2.0

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1.1196 jboss-servlet-api-4-0-spec 1.0.0.Final

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Please keep the following list in alphabetical order.

Suman Anna
Sripal Bagadia
Felipe Balbi
Ohad Ben-Cohen
Phil Carmody
Deepak Chitriki
Felipe Contreras
Hiroshi Doyu
Seth Forshee
Ivan Gomez Castellanos
Mark Grosen
Ramesh Gupta G
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Axel Haslam
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Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <tmbinc@elitedvb.net>
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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com) */
/* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk) */
/* */
/* * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc. */
/* * http://www.hypermall.com/ */
/* * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY */
/* *interrupts us (except possibly for removal/insertion of the cable?) */
/* * 10/4/97 - began heavy inline documentation of the code. Corrected typos */
/* *and spelling mistakes. */
/* * 10/5/97 - added code to handle PHY interrupts, disable PHY on */
/* *loss of link, and correctly re-enable PHY when link is */
/* *re-established. (put back CFG_PHYIE) */
/* */
/* * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only. */
/* */
/* * R. D. Rechenmacher <ron@fnal.gov>, Aug, 6, 1997 */
/* */
/* * Linux driver for the IDT77201 NICStAR PCI ATM controller. */
/* * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155; */
/* * see init_nicstar() for PHY initialization to change this. This driver */
/* * expects the Linux ATM stack to support scatter-gather lists */
/* * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push. */
/* */
/* * Implementing minimal-copy of received data: */
/* * IDT always receives data into a small buffer, then large buffers */
/* * as needed. This means that data must always be copied to create */
/* * the linear buffer needed by most non-ATM protocol stacks (e.g. IP) */
/* * Fix is simple: make large buffers large enough to hold entire */
/* * SDU, and leave <small_buffer_data> bytes empty at the start. Then */
/* * copy small buffer contents to head of large buffer. */
/* * Trick is to avoid fragmenting Linux, due to need for a lot of large */
/* * buffers. This is done by 2 things: */
/* * 1) skb->destructor / skb->atm.recycle_buffer */
/* * combined, allow nicstar_free_rx_skb to be called to */
/* * recycle large data buffers */
/* * 2) skb_clone of received buffers */
/* * See nicstar_free_rx_skb and linearize_buffer for implementation */
/* * details. */
/* */
/* */
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M. Welsh, 6 July 1996

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Contributors to btwv:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.ukuu.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>
Ragnar Hojland Espinosa <ragnar@macula.net>
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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

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

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html
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org.ow2.asm:asm-commons
org.ow2.asm:asm

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

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

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
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https://glassfish.dev.java.net/nonav/public/CDDL/GPLv2.html
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1.1203 ironjacamar-core-api 1.4.11.Final

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1.1205 jradius-core 1.1.4
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1.1206 argparse 0.7.0

1.1207 zlib 1.2.7 18.el7
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1.1208 libuser 0.60-9.el7

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serp-1.11.0.jar

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Jikes RVM Addendum.

We have modified Iburg in two ways:
(1) We modified the input patterns it accepts to be consistent with
our intermediate representation.
(2) We modified it to produce Java code instead of C code.
(3) Ian Rogers modified it to improve the quality of the code it generates.

All bug reports related to the use of jburg in building Jikes RVM
should be reported to the Jikes RVM project and _not_ to David
R. Hanson or the iburg project. Please report them using the the
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Version 2.1, February 1999

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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/error/ErrorController.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/Jsp.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/logging/logback/DebugLogbackConfigurator.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/event/ApplicationContextInitializedEvent.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/convert/StringToDurationConverter.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/source/InvalidConfigurationPropertyNameException.java
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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/admin/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/BeanPropertyBinder.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/system/JavaVersion.java
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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/reactive/context/AnnotationConfigReactiveWebServerApplicationContext.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/server/WebServerException.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/handler/IgnoreTopLevelConverterNotFoundBindHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/origin/PropertySourceOrigin.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-
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/**
* A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
* [@link ServletWebServerFactory] bean.
This context will create, initialize and run an `WebServer` by searching for a single `ServletWebServerFactory` bean within the `ApplicationContext` itself. The `ServletWebServerFactory` is free to use standard Spring concepts (such as dependency injection, lifecycle callbacks and property placeholder variables).

In addition, any `Servlet` or `Filter` beans defined in the context will be automatically registered with the web server. In the case of a single Servlet bean, the `/` mapping will be used. If multiple Servlet beans are found then the lowercase bean name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').

For more advanced configuration, the context can instead define beans that implement the `ServletContextInitializer` interface (most often `ServletRegistrationBean` and/or `FilterRegistrationBean`). To prevent double registration, the use of `ServletContextInitializer` beans will disable automatic Servlet and Filter bean registration.

Although this context can be used directly, most developers should consider using the `AnnotationConfigServletWebServerApplicationContext` or `XmlServletWebServerApplicationContext` variants.

* @author Phillip Webb
* @author Dave Syer
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/context/ServletWebServerApplicationContext.java

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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/GenericTypeAwarePropertyDescriptor.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/ExtendedBeanInfoFactory.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/support/DisposableBeanAdapter.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/Support/ServiceLocatorFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/support/AbstractBeanFactory.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/propertyeditors/TimeZoneEditor.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/annotation/AnnotatedGenericBeanDefinition.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/support/ChildBeanDefinition.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/wiring/BeanConfigurerSupport.java
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/BeanNameAware.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/config/BeanDefinitionVisitor.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/annotation/Qualifier.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/Aware.java

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jar/org/springframework/beans/BeanWrapperImpl.java
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jar/org/springframework/beans/BeanWrapper.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/support/CglibSubclassingInstantiationStrategy.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/support/LookupOverride.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/support/AbstractAutowireCapableBeanFactory.java
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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jar/org/springframework/beans/propertyeditors/CurrencyEditor.java

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jar/org/springframework/beans/BeanMetadataAttributeAccessor.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/parsing/QualifierEntry.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/xml/SimplePropertyNamespaceHandler.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/BeanMetadataElement.java

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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
jar/org/springframework/beans/factory/config/BeanExpressionResolver.java
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jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java
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jar/org/springframework/beans/factory/config/MapFactoryBean.java
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/propertyeditors/CharArrayPropertyEditor.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/NamedBean.java
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* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-jar/org/springframework/beans/factory/parsing/ReaderContext.java
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 */
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
 * jar/org/springframework/beans/factory/config/BeanExpressionContext.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
 * jar/org/springframework/beans/factory/annotation/Autowire.java
* /opt/ws_local/PERMITS_SQL/1091710000_1600571783.41/0/spring-beans-4-0-2-release-sources-
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   analysis/common/src/java/net/sf/snowball
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were developed by Martin Porter and Richard Boulton.
The full snowball package is available from
   http://snowball.tartarus.org/

The KStem stemmer in
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   analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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1.1231 sto-trust 7-20181115212006

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1.1232 postgresql 9.4.1211.jre7

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/**
 * A {@link WebApplicationContext} that can be used to bootstrap itself from a contained
 * {@link ServletWebServerFactory} bean.
 * <p>
 * This context will create, initialize and run an {@link WebServer} by searching for a
 * single {@link ServletWebServerFactory} bean within the {@link ApplicationContext}
 * itself. The {@link ServletWebServerFactory} is free to use standard Spring concepts
 * (such as dependency injection, lifecycle callbacks and property placeholder variables).
 * <p>
 * In addition, any {@link Servlet} or {@link Filter} beans defined in the context will be
 * automatically registered with the web server. In the case of a single Servlet bean, the
 * '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
 * name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
 * always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
 * <p>
 * For more advanced configuration, the context can instead define beans that implement
 * the {@link ServletContextInitializer} interface (most often
 * {@link ServletRegistrationBean}s and/or {@link FilterRegistrationBean}s). To prevent
 * double registration, the use of {@link ServletContextInitializer} beans will disable
 * automatic Servlet and Filter bean registration.
 * <p>
 * Although this context can be used directly, most developers should consider using the
 * {@link AnnotationConfigServletWebServerApplicationContext} or

* { @link XmlServletWebServerApplicationContext} variants.
* 
* @author Phillip Webb
* @author Dave Syer
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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* /opt/cola/permits/1110675122_1606843835.27/0/spring-boot-2-1-4-release-sources-2-jar/org/springframework/boot/jms/package-info.java
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* /opt/cola/permits/1110675122_1606843835.27/0/spring-boot-2-1-4-release-sources-2-jar/org/springframework/boot/web/embedded/tomcat/TldSkipPatterns.java
* /opt/cola/permits/1110675122_1606843835.27/0/spring-boot-2-1-4-release-sources-2-jar/org/springframework/boot/web/embedded/tomcat/DisableReferenceCleartingContextCustomizer.java
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1.1235 xorg-x11-xinit 1.3.4-2.el7

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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
1.1237 java-compression 1.3.0

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1.1254 libasyncns 0.8-7.el7

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* ----------------------------------------------------------------------

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Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
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* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForLong.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/metadata/descriptor/ParameterDescriptorImpl.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/cfg/defs/DurationMinDef.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/metadata/location/package-info.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfLong.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/MetaDataBuilder.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/cfg/context/ConstraintMappingTarget.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/HibernateValidatorContext.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/constraints/br/CPF.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/cfg/defs/CodePointLengthDef.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/TokenIterator.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/permission/NewSchema.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/util/privilegedactions/NewSchema.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/util/ReflectionHelper.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/size/SizeValidatorForMap.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForBigDecimal.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForNumber.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/number/numeric/NumberNotNullValidatorForBigDecimal.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/number/bound/DecimalMaxValidatorForNumber.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/constraintvalidators/bv/number/numeric/NumberRangeValidatorForBigDecimal.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/package-info.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/HibernateValidatorFactoryImpl.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/InternalConstraintValidatorFactory.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidatorFactoryImpl.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidatorFactory.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidator.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintViolationException.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintViolationFilter.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintViolationListener.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintViolationListenerImpl.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidatorFactoryFactory.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidatorFactoryFactoryImpl.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/lib/ConstraintValidatorFactoryFactoryImpl.java
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jar/org/hibernate/validator/internal/cfg/context/ParameterConstraintMappingContextImpl.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypePath.java
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jar/org/hibernate/validator/cfg/defs/SafeHtmlDef.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/constraints/CodePointLength.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/metadata/descriptor/ReturnValueDescriptorImpl.java

jar/org/hibernate/validator/internal/cfg/context/ConstraintDefinitionContext.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMinValidatorForCharSequence.java
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* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfBoolean.java
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jar/org/hibernate/validator/messageinterpolation/AbstractMessageInterpolator.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
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* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/LengthValidator.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForMinguoDate.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
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* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForHijrahDate.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/package-info.java
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* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
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jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMinguoDate.java
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jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetDateTime.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/CascadingMetaDataBuilder.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/ValidatableParametersMetaData.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/ObservableValueValueExtractor.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractor.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/parameternameprovider/ReflectionParameterNameProvider.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/parameternameprovider/ReflectionParameterNameProvider.java
* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-
jar/org/hibernate/validator/cfg/defs/NegativeDef.java
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */

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<p>A method-level constraint, that evaluates a script expression against the annotated method or constructor. This constraint can be used to implement validation routines that depend on several parameters of the annotated executable.</p>

* Script expressions can be written in any scripting or expression language, for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> compatible engine can be found on the classpath. To refer to a parameter within the scripting expression, use its name as obtained by the active <code>{@link java.validation.ParameterNameProvider}</code>. By default, <code>{@code arg0}</code>, <code>{@code arg1}</code> etc. will be used as parameter names.
*
* The following listing shows an example using the JavaScript engine which comes with the JDK:

```java
@ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
public void createEvent(Date start, Date end) { ... }
```

* Can be specified on any method or constructor.

* @author Gunnar Morling

---

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* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/META-INF/validation-mapping-1.1.xsd

* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/maven/org.hibernate.validator/hibernate-validator/pom.xml

* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/overview.html

* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/META-INF/validation-mapping-1.0.xsd

* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/META-INF/validation-configuration-2.0.xsd

* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/META-INF/validation-configuration-1.0.xsd

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* License 1.0. Applying this annotation will add a Bundle-License clause.  
* /
@BundleLicense(name = "http://opensource.org/licenses/cpl1.0.php", link =  
collaborative open-source development while still retaining the ability to use the CPL’d content with software  
licensed under other licenses, including many proprietary licenses.")
public @interface CPL_1_0 {

}  
package aQute.bnd.annotation.licenses;

import aQute.bnd.annotation.headers.*;

/**  
* An annotation to indicate that the type depends on the Apache Software  
* License 2.0. Applying this annotation will add a Bundle-License clause.  
* /
@BundleLicense(name = "http://www.opensource.org/licenses/apache2.0.php", link =  
"http://www.apache.org/licenses/LICENSE-2.0.html", description = "Apache Software License 2.0")
public @interface ASL_2_0 {

}  
package aQute.bnd.annotation.licenses;

import aQute.bnd.annotation.headers.*;

/**  
* An annotation to indicate that the type depends on the Revised BSD License.  
* Applying this annotation will add a Bundle-License clause.  
* /
@BundleLicense(name = "http://opensource.org/licenses/BSD-3-Clause", link =  
"http://en.wikipedia.org/wiki/BSD_licenses", description = "Revised BSD License")
public @interface BSD_3_Clause {}
and to permit persons to whom the Software is furnished to do so, append to any copies of the Software any notice
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*/
@BundleLicense(name = "http://opensource.org/licenses/MIT", link = "http://en.wikipedia.org/wiki/MIT_License",
description = "MIT License")
public @interface MIT_1_0 {}

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2
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Public License version 3
/GPLv3)%aQute/bnd/annotation/licenses/GPL_3_0java/lang/Objectjava/lang/annotation/Annotation&s

import aQute.bnd.annotation.headers.*;

/**
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 */

@BundleLicense(name = "http://opensource.org/licenses/GPL-3.0", link = "http://www.gnu.org/licenses/gpl-
3.0.html", description = "The GNU General Public License version 3 (GPLv3)")
public @interface GPL_3_0 {}
package aQute.bnd.annotation.licenses;

import aQute.bnd.annotation.headers.*;

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 * An annotation to indicate that the type depends on the Simplified BSD or FreeBSD License. Applying this annotation will add a Bundle-License clause.
 */
@BundleLicense(name = "http://opensource.org/licenses/BSD-2-Clause", link = "http://en.wikipedia.org/wiki/BSD_licenses", description = "Simplified BSD or FreeBSD License")
public @interface BSD_2_Clause {}
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Joseph Reagle <site-policy@w3.org>

Last revised by Reagle $Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) $

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2

SourceFile

CDDL_1_0.java

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The actual DOM Java Language Binding classes in xml-commons came from:
http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.html

The specification of DOM Level 3’s various parts is at:
http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/
http://www.w3.org/TR/2004/REC-DOM-Level-3-LS-20040407/
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http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/

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The actual classes of The Simple API for CSS (SAC) came from:
http://www.w3.org/Style/CSS/SAC/
http://www.w3.org/2002/06/sacjava-1.3.zip

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http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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import aQute.bnd.annotation.headers.*;

/**
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 */
@BundleLicense(name = "http://opensource.org/licenses/MPL-2.0", link = "http://www.mozilla.org/MPL/2.0/", description = "Mozilla Public License 2.0")
public @interface MPL_2_0 {}
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import aQute.bnd.annotation.headers.*;

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 */

@BundleLicense(name = "http://opensource.org/licenses/LGPL-2.1", link = "http://www.gnu.org/licenses/lgpl-2.1.html", description = "GNU Lesser General Public License, version 2.1")
public @interface LGPL_2_1 {
}

/**
 * An annotation to indicate that the type depends on the BSD License
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 */

@BundleLicense(name = "http://opensource.org/licenses/BSD-2-Clause", link = "http://en.wikipedia.org/wiki/BSD_licenses", description = "Simplified BSD or FreeBSD License")
public @interface BSD_2_Clause {
}

/**
 * An annotation to indicate that the type depends on the MIT License
 * MIT License
 */

@BundleLicense(name = "http://opensource.org/licenses/MIT", link = "http://en.wikipedia.org/wiki/MIT_License", description = "MIT License")
public @interface MIT_1_0 {
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Joseph Reagle <site-policy@w3.org>

Last revised by Reagle $Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) $

package aQute.bnd.annotation.licenses;

import aQute.bnd.annotation.headers.*;

/**
 * An annotation to indicate that the type depends on the GNU General Public
 * License 2.0. Applying this annotation will add a Bundle-License clause.
 */

@BundleLicense(name = "http://opensource.org/licenses/GPL-2.0", link = "http://www.gnu.org/licenses/gpl-2.0.html", description = "The GNU General Public License version 2 (GPLv2)")
public @interface GPL_2_0 {}

/*
+w
*/

w{~

+}

w{

+}

+}~

w{

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w{

+}

nameLjava/lang/String;emailurlorganizationorganizationUrlrolesLjava/util/List;
Signature$Ljava/util/List<Ljava/lang/String>:;timezone
propertiesLjava/util/Properties;
locationsLjava/util/Map;ILjava/util/Map<Ljava/lang/Object;Lorg/apache/maven/model/InputLocation;>;<init>()VC
odeLineNumberTableLocalVariableTablethis$Lorg/apache/maven/model/Contributor;addProperty'(Ljava/lang/Strin
g;Ljava/lang/String;):VkeyvalueaddRole(Ljava/lang/String;):Vstringclone&()Lorg/apache/maven/model/Contributor;
copyexLjava/lang/Exception;getEmail()Ljava/lang/String;getLocation:(Ljava/lang/Object;)Lorg/apache/maven/mod
eLInputLocation;Ljava/lang/Object;getNamegetOrganizationgetOrganizationUrl
getProperties()Ljava/util/Properties;getRoles()Ljava/util/List;&()Ljava/util/List<Ljava/lang/String>:;getTimezonegete
tUrl
removeRolessetEmailsetLocation;(Ljava/lang/Object;Lorg/apache/maven/model/InputLocation;);Vlocation&Lorg/apa
che/maven/model/InputLocation;setNamegetOrganizationsetOrganizationUrl
setProperties(Ljava/util/Properties;);VsetRoles(Ljava/util/List;);VLocalVariableTable'(Ljava/util/List<Ljava/lan
g/String;>;);VsetTimezonesetUrl)Ljava/lang/Object;
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JCIFS License

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

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

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

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

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

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will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
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than the cost of performing this distribution.

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

e) Verify that the user has already received a copy of these
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which the executable runs, unless that component itself accompanies
the executable.

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restrictions of other proprietary libraries that do not normally
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necessary. Here is a sample; alter the names:

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library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

2

```java
package aQute.bnd.annotation.headers;

import java.lang.annotation.*;

/**
 * The Bundle-License header provides an optional machine readable form of
 * license information. The purpose of this header is to automate some of the
 * license processing required by many organizations like for example license
 * acceptance before a bundle is used. The header is structured to provide the
 * use of unique license naming to merge acceptance requests, as well as links
 * to human readable information about the included licenses. This header is
 * purely informational for management agents and must not be processed by the
 * OSGi Framework.
 * 
 * The syntax for this header is as follows:
 * 
 * <pre>
 * Bundle-License ::= &lt;&lt;EXTERNAL&gt;&gt; | 
 * ( license ( , license ) * )
 * license ::= name ( ; license-attr ) *
 * license-attr ::= description | link
 * description ::= description = string
 * link ::= link = &lt;url&gt;
 * </pre>
 * 
 * This header has the following attributes:
 * 
 * &lt;ul&gt;
 * &lt;li&gt;name Provides a globally unique name for this license, preferably world-wide, but it should at least be unique with respect to the other clauses. The magic name &lt;&lt;EXTERNAL&gt;&gt; is used to indicate that this artifact does not contain any license information but that licensing information is provided in some other way. This is also the default contents of this header.
 */
```
* <li>Clients of this bundle can assume that licenses with the same name refer
* to the same license. This can for example be used to minimize the click
* through licenses. This name should be the canonical URL of the license, it
* must not be localized by the translator. This URL does not have to exist but
* must not be used for later versions of the license. It is recommended to use
* URLs from <a href="http://opensource.org/">Open Source Initiative</a>. Other
* licenses should use the following structure, but this is not mandated:
* 
* * <pre>
*      http://<domain-name>/licenses/
*      <license-name>-<version>.<extension>
* </pre>
* * <li>description (optional) Provide the description of the license. This is
* a short description that is usable in a list box on a UI to select more
* information about the license.
* * <li>link (optional) Provide a URL to a page that defines or explains the
* license. If this link is absent, the name field is used for this purpose. The
* URL is relative to the root of the bundle. That is, it is possible to refer
* to a file inside the bundle.
* * </ul>
* If the Bundle-License statement is absent, then this does not mean that the
* bundle is not licensed. Licensing could be handled outside the bundle and the
* { [@code <<EXTERNAL>> ] } form should be assumed. This header is informational and
* may not have any legal bearing. Consult a lawyer before using this header to
* automate licensing processing.
* * <p>
* A number of licenses have been predefined, {@link ASL_2_0},
* [{ @link BSD_2_Clause }, { @link BSD_3_Clause }, { @link CDDL_1_0 }, { @link EPL_1_0 }, { @link GPL_2_0 },
* { @link GPL_3_0 }, { @link LGPL_2_1 }, { @link MIT_1_0 },
* { @link MPL_2_0 }].
* /
@Retention(RetentionPolicy.CLASS)
@Target({
    ElementType.ANNOTATION_TYPE, ElementType.TYPE
 })
public @interface BundleLicense {
/**
* The name of the license, should refer to <a
* href="http://opensource.org/">Open Source Initiative</a>
* */
String name();

/**
* A short description of the license
* */
String description() default "";

/**
* A URI to the license text. This maybe relative, in that case it is from
* the corresponding bundle.
*/
String link() default "";
}
package aQute.bnd.annotation.licenses;

import aQute.bnd.annotation.headers.*;

/**
 * An annotation to indicate that the type depends on the Common Development and
 * Distribution license. Applying this annotation will add a Bundle-License
 * clause.
 */

@BundleLicense(name = "http://opensource.org/licenses/CDDL-1.0", link =
Development and Distribution License 1.0")
public @interface CDDL_1_0 {}

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

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*/
JUnit

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1.1284 libbytesize 1.2-1.el7

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1.1287 maven-toolchain 1.0

1.1288 qrencode 3.4.1-3.el7

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1.1291 gorilla 1.4.2

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1.1292 webswing-server-security 2.5-SNAPSHOT

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  jar/org/webswing/server/services/security/modules/saml2/com/lastpass/saml/IdPConfig.java
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* SAMLInit - Library initialization routines.
1.1294 commons-beanutils 1.6

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1.1295 tomcat-embed-el 8.5.32

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1.1308 firewalld 0.6.3-8.el7_8.1

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. 
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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 */

/**
 * A decoder that splits the received [ByteBuf]s dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 *
 * [@LengthFieldBasedFrameDecoder] has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 *
 * @h3>2 bytes length field at offset 0, do not strip header</h3>
 *
 * The value of the length field in this example is 12 (0x0C) which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
 * that the length field represents the number of the bytes that follows the
 * length field. Therefore, it can be decoded with the simplistic parameter
 * combination.
 *
 * `lengthFieldOffset` = 0
 * `lengthFieldLength` = 2
 * `lengthAdjustment` = 0
 * `initialBytesToStrip` = 0 (= do not strip header)
 *
 * BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
 * +--------+----------------+      +--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
 * | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
 * +--------+----------------+      +--------+----------------+
 */
Because we can get the length of the content by calling
[@link ByteBuf#readableBytes()], you might want to strip the length
field by specifying <tt>initialBytesToStrip</tt>. In this example, we
specified <tt>2</tt>, that is same with the length of the length field, to
strip the first two bytes.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2 (= the length of the Length field)
```

```
BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +----------------+
```

In most cases, the length field represents the length of the message body
only, as shown in the previous examples. However, in some protocols, the
length field represents the length of the whole message, including the
message header. In such a case, we specify a non-zero
lengthAdjustment<tt></tt>. Because the length value in this example message
is always greater than the body length by <tt>-2</tt>, we specify <tt>-2</tt>
as <tt>lengthAdjustment</tt> for compensation.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = -2 (= the length of the Length field)
initialBytesToStrip = 0
```

```
BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+
```

The following message is a simple variation of the first example. An extra
header value is prepended to the message. lengthAdjustment<tt></tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 | Length  | Actual Content |----->| Header 1 | Length  | Actual Content |
* | 0xCAFE  | 0x00000C | "HELLO, WORLD" |      | 0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE  | "HELLO, WORLD" |      | 0x00000C | 0xCAFE  | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)

---

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* initialBytesToStrip = 3 (= the length of HDR1 + LEN)

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +-----------------------------+-----------------------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +-----------------------------+-----------------------------+
* </pre>
* 
* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into lengthAdjustment.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.

* lengthFieldOffset = 1
* lengthFieldLength = 2
* initialBytesToStrip = -3 (= the length of HDR1 + LEN, negative)

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +-----------------------------+-----------------------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +-----------------------------+-----------------------------+
* </pre>
* @see LengthFieldPrepender
*/

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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4.1.34-final-sources-1.jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/DateFormatter.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/CodecOutputList.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/CompressionUtil.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/LineEncoder.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/LineSeparator.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/ProtocolDetectionState.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
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    jar/io/netty/handler/codec/ProtocolDetectionState.java
  * /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
    jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codec/marshalling/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codec/headers/HeaderUtil.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codec/headers/HeaderUtil.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/codec/headers/HeaderUtil.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/marshalling/LimitingByteInput.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/base64/Base64Encoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/FixedLengthFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/LineBasedFrameDecoder.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/EncoderException.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1.jar/io/netty/handler/code/marshalling/SerializationDecoder.java
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/**
 * Enumeration of supported Base64 dialects.
 * <p>
 * The internal lookup tables in this class has been derived from
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 * Base64 Encoder/Decoder</a>.
 */

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* /opt/cola/permits/1110674855_1606844016.39/0/netty-codec-4-1-34-final-sources-1-
  jar/io/netty/handler/codec/Headers.java
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/**
 * Utility class for [ @link ByteBuf] that encodes and decodes to and from
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1.1329 libxcb 1.13 1.el7

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#
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1.1344 jackson-module-parameter-names
2.9.8

1.1345 velocity 2.0
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#  Name <email address>
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Aamir Khan <syst3m.w0rm@gmail.com>
Aaron Beitch <aaronb@arista.com>
Aaron Bieber <deftly@gmail.com>
Aaron Cannon <cannona@fireantproductions.com>
Aaron France <aaron.l.france@gmail.com>
Aaron Jacobs <jacobsa.google.com>
Aaron Kemp <kemp.aaron@gmail.com>
Aaron Patterson <tenderlove@ruby-lang.org>
Aaron Stein <aaroneinstein12@gmail.com>
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Aaron Zinman <aaron@azinman.com>
Aarti Parikh <aarti.parikh@gmail.com>
Abdullah Al Maruf <mymail.maruf@gmail.com>
Abe Haskins <abeisgreat@abeisgreat.com>
Abhinav Gupta <abhinav.g90@gmail.com>
Adam Azarchs <adam.azarchs@10xgenomics.com>
Adam Bender <abender@google.com>
Adam Eijdenberg <adam@continusec.com>
Adam Harvey <aharvey@gmail.com>
Adam Kisala <adam.kisala@gmail.com>
Adam Langley <agl@golang.org>
Adam Medzinski <adam.medzinski@gmail.com>
Adam Shannon <adamkshannon@gmail.com>
Adam Shelton <aashelt90@gmail.com>
Adam Sindelar <adamsh@gmail.com>
Adam Thomason <athomason@gmail.com>
Adam Williams <spwnfactory@gmail.com>
Adam Woodbeck <adam@woodbeck.net>
Adarsh Ravichandran <adarshravichandran91@gmail.com>
Aditya Harindar <aditya.harindar@gmail.com>
Aditya Mukerjee <dev@chimeracoder.net>
Adrian Hesketh <adrianhesketh@hushmail.com>
Adrian Nos <nos.adrian@gmail.com>
Adrian O'Grady <elpollouk@gmail.com>
Adrien Bustany <adrien-xx-google@bustany.org>
Adrien Delorme <adrien.delorme@icloud.com>
Adrien Petel <peteladrien@gmail.com>
Acio Jnio <aeciodantasjunior@gmail.com>
Aeneas Rekkas (arekkas) <aeneas@ory.am>
Afanasev Stanislav <phpprogger@gmail.com>
Agis Anastasopoulos <agis.anast@gmail.com>
Agniva De Sarker <agnivade@yahoo.co.in>
Amir Mohammad Saied <amir@gluegadget.com>
Amr Mohammed <merodiro@gmail.com>
Amrut Joshi <amrut.joshi@gmail.com>
An Long <aisk1988@gmail.com>
An Xiao <hac@zju.edu.cn>
Anand K. Mistry <anand@mistry.ninja>
Anders Pearson <anders@columbia.edu>
Anderson Queiroz <contato@andersonq.eti.br>
Andr Carvalho <asantoste@gmail.com>
Andr Martins <aanm90@gmail.com>
Andre Nathan <andre nth@gmail.com>
Andrea Nodari <andrea.nodari@n1@gmail.com>
Andrea Spadaccini <spadaccio@gmail.com>
Andreas Auernhammer <aead@mail.de>
Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>
Andreas Litt <andreas.litt@gmail.com>
Andrei Enshin <blos@bk.ru>
Andrei Gherzan <andrei@resin.io>
Andrei Korzhevsikii <akorzhevsikiy@gmail.com>
Andrei Matei <andrei@cockroachlabs.com>
Andrei Tudor Clin <mail@acln.ro>
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Andres Lowrie <andres.lowrie@gmail.com>
Andrew Austin <andrewaclt@gmail.com>
Andrew Balholm <andybalholm@gmail.com>
Andrew Benton <andrewmbenton@gmail.com>
Andrew Bonventure <andybons@chromium.org>
Andrew Braunstein <awbraunstein@gmail.com>
Andrew Bursavich <abursavich@gmail.com>
Andrew Ekstedt <andrew.ekstedt@gmail.com>
Andrew Etter <andrew.etter@gmail.com>
Andrew G. Morgan <agm@google.com>
Andrew Gerrand <adg@golang.org>
Andrew Harding <andrew@spacemonkey.com>
Andrew Jackura <ajackura@gmail.com>
Andrew Louis <alouis@digitalocean.com>
Andrew Lutomirski <andy@luto.us>
Andrew Medvedev <andy.y.medvedev@gmail.com>
Andrew Pilloud <andrewpilloud@igneoussystems.com>
Andrew Pogrebnoy <absourd.noise@gmail.com>
Andrew Poydence <apoydence@pivotal.io>
Andrew Pritchard <awpritchard@gmail.com>
Andrew Radev <andreyradev@gmail.com>
Andrew Skiba <skiba@gmail.com>
Andrew Stormont <astormont@racktopsystems.com>
Andrew Stribblehill <ads@wompom.org>
Boris Nagaev <nagaev@google.com>
Borja Clemente <borja.clemente@gmail.com>
Brad Burch <brad.burch@gmail.com>
Brad Erickson <bderickson@gmail.com>
Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>
Brad Garcia <bgarcia@golang.org>
Brad Jones <rbjones@google.com>
Brad Morgan <brad@morgabra.com>
Brad Whitaker <bwhitaker@fastly.com>
Braden Bassingthwaite <bbassingthwaite@vendasta.com>
Bradford Lamson-Scribner <brad.lamson@gmail.com>
Bradley Falzon <brad@teambrad.net>
Brady Catherman <brady@gmail.com>
Brady Sullivan <brady@bsull.com>
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Brandon Gilmore <varz@google.com>
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Brandon Ryan <bryan19@gmail.com>
Brayden Cloud <bcloud@google.com>
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Brett Merrill <brett.j.merrill94@gmail.com>
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Brian Downs <briandowns@gmail.com>
Brian Falk <falk@logicparty.org>
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Brian Kennedy <btkennedy@gmail.com>
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Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>
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Caleb Spare <cespare@gmail.com>
Carl Chatfield <carlchatfield@gmail.com>
Carl Henrik Lunde <chlunde@ifi.uio.no>
Carl Jackson <carl@stripe.com>
Carl Johnson <me@carlmjohnson.net>
Carl Mastrangelo <notcarl@google.com>
Carl Shapiro <cshapiro@golang.org>
Carlisia Campos <carlisia@grokkingtech.io>
Carlo Alberto Ferraris <cafxx@strayorange.com>
Carlos Amedee <carlos@golang.org>
Carlos Castillo <cookie09@gmail.com>
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Carlos Eduardo <me@carlosedp.com>
Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>
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Case Nelson <case.nelson@gmail.com>
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ChaiShushan <chaishushan@gmail.com>
Changkun Ou <hi@changkun.us>
Channing Kimble-Brown <channing@golang.org>
Chao Xu <xuchao@gmail.com>
Charles Fenwick Elliott <Charles@FenwickElliott.io>
Charles Kenney <charlesc.kenney@gmail.com>
Charles L. Dorian <cldorian@gmail.com>
Charles Lee <zombie.fml@gmail.com>
Charles Weill <weill@gmail.com>
Chauncy Cullitan <chauncyc@gmail.com>
Chen Zhihan <energiehund@gmail.com>
Cherry Zhang <cherryzyz@gmail.com>
Chew Choon Keat <choonkeat@gmail.com>
Cholerae Hu <choleraehyq@gmail.com>
Chotepud Teo <AlexRouSg@users.noreply.github.com>
Chris Ball <chris@printf.net>
Chris Biscardi <chris@christopherbiscardi.com>
Chris Broadfoot <cbro@golang.org>
Chris Dollin <ehog.hedge@gmail.com>
Chris Farmiloe <chrisfarms@gmail.com>
Chris Hines <chris.cs.guy@gmail.com>
Chris Howey <showeyc@gmail.com>
Chris Hundt <hundt@google.com>
Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>
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Danish Dua <danishdua@github.com>
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Daria Kolistratova <daria.kolistratova@intel.com>
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Datong Sun <dndx@idndx.com>
Dave Borowitz <dborowitz@gmail.com>
Dave Bort <dbort@golang.org>
Dave Cheney <dave@cheney.net>
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Dave Grijalva <dgrijalva@ngmoco.com>
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David Brophy <dave@brophy.uk>
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David Heuschmann <heuschmann.d@gmail.com>
David Howden <dhowden@gmail.com>
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David Jones <david.rosseau@gmail.com>
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Dmitriy Cherchenko <dcherchenko@gmail.com>
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Doga Fincan <doga@icloud.com>
Domas Tamaauskas <puerdomus@gmail.com>
Domen Ipavec <domen@ipavec.net>
Dominic Green <dominicgreen1@gmail.com>
Dominik Honnef <dominik.honnef@gmail.com>
Domnik Vogt <vogt@linux.vnet.ibm.com>
Don Byington <don@dbyington.com>
Donald Huang <don.hcd@gmail.com>
Dong-hee Na <donghee.na92@gmail.com>
Donovan Hide <donovanhide@gmail.com>
Doug Anderson <douga@google.com>
Doug Fawley <dfawley@google.com>
Douglas Danger Manley <doug.manley@gmail.com>
Drew Flower <drewvanstone@gmail.com>
Drew Hintz <adhintz@google.com>
Duco van Amstel <duco.vanamstel@gmail.com>
Duncan Holm <mail@frou.org>
Dustin Carlino <dcarlino@google.com>
Dustin Herbison <djherbis@gmail.com>
Dustin Long <dustmop@gmail.com>
Dustin Sallings <dsallings@gmail.com>
Dustin Shields-Cloues <dcloues@gmail.com>
Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>
Dylan Waits <dylan@waits.io>
Ed Schouten <ed@nuxi.nl>
Edan Bedrik <3d4nb3@gmail.com>
Eddie Scholtz <escholtz@google.com>
Eden Li <eden.li@gmail.com>
Eduard Urbach <e.urbach@gmail.com>
Eduardo Ramalho <eduardo.ramalho@gmail.com>
Eduardo Villaseor <evillasrmx@gmail.com>
Edward Muller <edwardam@interlix.com>
Egon Elbre <egonelbre@gmail.com>
Ehren Kret <ehren.kret@gmail.com>
Eitan Adler <lists@eitanadler.com>
Eivind Uggedal <eivind@uggedal.com>
Elbert Flick <eflick@gmail.com>
Eldar Rakhimberdin <ibeono@gmail.com>
Evan Jones <ej@evanjones.ca>
Evan Klitzke <evan@eklitzke.org>
Evan Kroske <evankroske@gmail.com>
Evan Martin <evan.martin@gmail.com>
Evan Phoenix <evan@phx.io>
Evan Shaw <chickencha@gmail.com>
Evgeniy Kulikov <tuxuls@gmail.com>
Evgeniy Polyakov <zbr@iremap.net>
Ewan Chou <coocood@gmail.com>
Ewan Valentine <ewan.valentine89@gmail.com>
Eyal Posener <posener@gmail.com>
Fabian Wickborn <fabian@wickborn.net>
Fabian Zaremba <fabian@youremail.eu>
Fabrizio Milo <mistobaan@gmail.com>
Faiyaz Ahmed <ahmedf@vmware.com>
Fan Hongjian <fan.howard3@gmail.com>
Fangming Fang <fangming.fang@arm.com>
Fannie Zhang <fannie.zhang@arm.com>
Fatih Arslan <fatih@arslan.io>
Fazal Majid <majid@apsalar.com>
Fazlul Shahriar <fshahriar@gmail.com>
Federico Bond <federicobond@gmail.com>
Federico Simoncelli <fсимонцир@redhat.com>
Fedor Induty <fedor@induty.com>
Fedor Korotkiy <dartslon@gmail.com>
Felipe Oliveira <felipweb.programador@gmail.com>
Felix Bnemann <Felix.Buenemann@gmail.com>
Felix Cornelius <9767036+fcornelius@users.noreply.github.com>
Felix Geisendrfer <haimuiba@gmail.com>
Felix Kollmann <fk@konsorten.de>
Ferenc Szabo <frncmx@gmail.com>
Filip Gruszczyski <gruszczzy@gmail.com>
Filip Haglund <drathier@users.noreply.github.com>
Filip Stanis <fstanis@gmail.com>
Filippo Valsorda <filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>
Firmansyah Adiputra <frmA.diputra@gmail.com>
Florian Forster <octo@gmail.com>
Florian Uekermann <florian@uekermann-onienes.de> <f1@uekermann-online.de>
Florian Weimer <f@den.eyno.de>
Florin Patan <florinpata@gmail.com>
Folke Behrens <folke@google.com>
Ford Hurley <ford.hurley@gmail.com>
Francesc Campoy <campoy@golang.org>
Francesco Renzi <rentziass@gmail.com>
Francisco Claude <fclaude@recoded.cl>
Francisco Rojas <francisco.rojas.gallegos@gmail.com>
Francisco Souza <franciscosouza@gmail.com>
Frank Schroeder <frank.schroeder@gmail.com>
GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com>
GitHub User @sairunreddy (21041941) <sairunreddypalla@gmail.com>
GitHub User @shogo-ma (9860598) <Choroma194@gmail.com>
GitHub User @skanehira (7888591) <sair19921005@gmail.com>
GitHub User @tatsumack (4510569) <tatsu.mack@gmail.com>
GitHub User @tell-k (26263) <ffk2005@gmail.com>
GitHub User @tennashi (10219626) <tennashio@gmail.com>
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>
GitHub User @uropek (39370426) <uropek@gmail.com>
GitHub User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com>
GitHub User @witchard (4994659) <witchard@hotmail.co.uk>
GitHub User @yah01 (12216890) <kagaminehuan@gmail.com>
GitHub User @yuannh (1298735) <yuann415030@gmail.com>
GitHub User @zikaeroh (48577114) <zikaeroh@gmail.com>
GitHub User @ ZZMarquis (7624583) <zhonglingjian3821@163.com>
Giulio Iotti <dullgiulio@gmail.com>
Giulio Micheloni <giulio.micheloni@gmail.com>
Giuseppe Valente <gvalente@arista.com>
Gleb Stepanov <glebstepanov1992@gmail.com>
Glenn Brown <glenb@google.com>
Glenn Lewis <gmlewis@google.com>
Gordon Klaus <gordon.klaus@gmail.com>
Gordon Tyler <gordon@dooxx.net>
Graham King <graham4king@gmail.com>
Graham Miller <graham.miller@gmail.com>
Grant Griffiths <gpp493@gmail.com>
Greg Poirier <greg.istehbest@gmail.com>
Greg Steuck <gnezdo+github@gmail.com>
Greg Thelen <gthelen@github.com>
Greg Ward <greg@gerg.ca>
Grigori Delattre <gregoire.delattre@gmail.com>
Gregory Man <man.gregory@gmail.com>
Gregory Petrosyan <gregory.petrosyan@gmail.com>
Guilherme Caruso <gui.martinscaruso@gmail.com>
Guilherme Garnier <guilherme.garnier@gmail.com>
Guilherme Goncalves <guilhermeaugustosg@gmail.com>
Guilherme Rezende <guilhermebr@gmail.com>
Guillaume J. Charmes <guillaume@charm.es.net>
Gnther Noack <gnoack@gmail.com>
Guobiao Mei <meiguobiao@gmail.com>
Guoliang Wang <siamwgliang@gmail.com>
Gustav Paul <gustav.paul@gmail.com>
Gustav Westling <gustav@westling.xyz>
Gustavo Franco <gustavorfranco@gmail.com>
Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>
Gwenael Treguir <gwen.kahz@gmail.com>
Gyu-Ho Lee <gyuhox@gmail.com>
H. brahim Ginrg <igungor@gmail.com>
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Julian Kornberger <jk+github@digineo.de>
Julian Pastarmov <pastarmovj@google.com>
Julian Phillips <julian@quantumfyre.co.uk>
Julian Tibble <julian.tibble@gmail.com>
Julie Qiu <julie@golang.org>
Julien Kauffmann <julien.kauffmann@freelan.org>
Julien Salleyron <julien.salleyron@gmail.com>
Julien Schmidt <google@julienschmidt.com>
Julio Montes <julio.montes@intel.com>
Jun Zhang <jim.zoumo@gmail.com>
Junda Liu <junda@celer.network>
Jungho Ahn <jhaahn@google.com>
Junya Hayashi <ledmonster@gmail.com>
Juraj Sukop <sukop@users.noreply.github.com>
Jure Ham <jure.ham@zemanta.com>
Justin Gracenin <jgracenin@gmail.com>
Justin Li <git@justinli.net>
Justin Nu <nuss.justin@gmail.com>
Justyn Temme <justyntemme@gmail.com>
Kai Backman <kaib@golang.org>
Kai Dong <dokia2357@gmail.com>
Kai Trukenmiller <ktye78@gmail.com>
Kale Blankenship <kale@lemnisys.com>
Kaleb Elwert <kelwert@atlassian.com>
Kalman Bekesi <kalmanb@google.com>
Kamal Aboul-Hosn <aboulhosn@google.com>
Kamil Chmielewski <kamil.chm@gmail.com>
Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>
Kamil Rytarowski <krytarowski@users.noreply.github.com>
Kang Hu <hukangustc@gmail.com>
Kanta Ebihara <kantaebihara@gmail.com>
Karan Dhiman <karandhi@ca.ibm.com>
Karel Pazdera <pazderak@gmail.com>
Karoly Negyesi <chx1975@gmail.com>
Karsten Khler <karsten.koehler95@gmail.com>
Karthik Nayak <karthik.188@gmail.com>
Kashav Madan <kshvmdn@gmail.com>
Kate Manson <kate.manson@izettle.com>
Katharine Berry <ktbry@google.com>
Katie Hockman <katie@golang.org>
Kato Kazuyoshi <kato.kazuyoshi@gmail.com>
Katrina Owen <katrina.owen@gmail.com>
Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>
Kay Zhu <kayzhu@google.com>
Kazuhiro Sera <seratch@gmail.com>
KB Sriram <kbsriram@google.com>
Keegan Carruthers-Smith <keegan.csmith@gmail.com>
Kei Son <hey.calmdown@gmail.com>
Mike Samuel <mikesamuel@gmail.com>
Mike Solomon <msolo@gmail.com>
Mike Strosaker <strosake@us.ibm.com>
Mike Tsao <mike@sowbug.com>
Mike Wiacek <mjwiacek@google.com>
Mikhail Fesenko <proggga@gmail.com>
Mikhail Gusarov <dottedmag@dottedmag.net>
Mikhail Panchenko <m@mihasya.com>
Miki Tebeka <miki.tebeka@gmail.com>
Mikio Hara <mikioh.mikioh@gmail.com>
Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>
Mikoaj Baranowski <mikolajb@gmail.com>
Milan Knezevic <milan.knezevic@mips.com>
Milan Patel <bicelot3@gmail.com>
Milutin Jovanovic <jovanovic.milutin@gmail.com>
MinJae Kwon <mingrammer@gmail.com>
Miquel Sabat Sol <mikisabate@gmail.com>
Mirko Hansen <baaazen@gmail.com>
Miroslav Genov <mngenov@gmail.com>
Misty De Meo <mistydeleo@gmail.com>
Mohit Agarwal <mohit@sdf.org>
Mohit kumar Bajoria <mohitbajo36@gmail.com>
Mohit Verma <vmohit.93@gmail.com>
Momchil Velikov <momchil.velikov@gmail.com>
Monis Khan <mkhan@redhat.com>
Monty Taylor <mordred@inaugust.com>
Moritz Fain <moritz@fain.io>
Moriyoshi Koizumi <mozo@mozo.jp>
Morten Siebuhr <sbhr@sbhr.dk>
Mshe van der Sterre <moshevds@gmail.com>
Mostyn Bramley-Moore <mostyn@antipode.se>
Mrunal Patel <mrunalp@gmail.com>
Muhammad Falak R Wani <falakreyaz@gmail.com>
Muhammed Uluyol <uluyol0@gmail.com>
Muir Manders <muir@mnrd.rs>
Mukesh Sharma <sharma.mukesh439@gmail.com>
Mura Li <mura_li@castech.com.tw>
Mykhailo Lesyk <mikhail@lesyk.org>
Naman Aggarwal <aggarwal.nam@gmail.com>
Nan Deng <monnand@gmail.com>
Nao Yonashiro <owan.orisano@gmail.com>
Naoki Kanatani <k12naoki@gmail.com>
Nate Wilkinson <nathanwilk7@gmail.com>
Nathan Cantelmo <n.cantelmo@gmail.com>
Nathan Caza <mastercactapus@gmail.com>
Nathan Dias <nathan.dias@orijtech.com>
Nathan Fiscaletti <nathan.fiscaletti@vrazo.com>
Nathan Humphreys <nkhumphreys@gmail.com>
Nikolay Turpitko <nikolay@turbiko.com>
Nikson Kanti Paul <nikson.sust@gmail.com>
Nils Larsgrd <nilsmagnus@gmail.com>
Nir Soffer <nirsof@gmail.com>
Niranjan Godbole <niranjan8192@gmail.com>
Nishanth Shanmugham <nishanth.gerrard@gmail.com>
Noah Campbell <noahcampbell@gmail.com>
Noah Goldman <noahg34@gmail.com>
Noble Johnson <noblepoly@gmail.com>
Nodir Turakulov <nodir@google.com>
Noel Georgi <git@frezbo.com>
Norberto Lopes <nlorges.ml@gmail.com>
Norman B. Lancaster <qucardq@gmail.com>
Nuno Cruces <ncruces@users.noreply.github.com>
Obeyda Djeffal <djefobey@gmail.com>
Odin Ugedal <odon@ugedal.com>
Oleg Bulatov <dimage@yandex-team.ru>
Oleg Vakheta <helginet@gmail.com>
Oleku Konko <oleku.konko@gmail.com>
Oling Cat <olingcat@gmail.com>
Oliver Hookins <ohookins@gmail.com>
Oliver Powell <oliverpowell84@gmail.com>
Oliver Stenbom <ostenbom@pivotal.io>
Oliver Tonnhofer <olt@bogosoft.com>
Olivier Antoine <olivier.antoine@gmail.com>
Olivier Duperray <duperray.olivier@gmail.com>
Olivier Poitrey <rs@dailymotion.com>
Olivier Saingre <osasingre@gmail.com>
Omar Jarjur <ojarjur@google.com>
Oryan Moshe <iamoryanmoshe@gmail.com>
Osamu TONOMORI <osamung@gmail.com>
zgr Kesim <oec-go@kesim.org>
Pablo Caderno <kaderno@gmail.com>
Pablo Lalloni <plalloni@gmail.com>
Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>
Pablo Santiago Blum de Aguiar <scorphus@gmail.com>
Padraig Kitterick <padraigkitterick@gmail.com>
Pallat Anchaleecharaikorn <yod.pallat@gmail.com>
Panos Georgiadis <pgeorgiadis@suse.de>
Pantelis Sampaziotis <psampaz@gmail.com>
Paolo Giarrusso <p.giarrusso@gmail.com>
Paolo Martini <mrtnpaolo@gmail.com>
Parker Moore <parkrmoore@gmail.com>
Parminder Singh <parmsingh101@gmail.com>
Pascal Dierich <pascal@pascaldierich.com>
Pascal S. de Kloe <pascal@quies.net>
Paschalis Tsilias <paschalis.tsilias@gmail.com>
Pasi Tlh <pasi.tahkapaa@gmail.com>
Open Source Used In Data Center Network Manager 11.5(1) 11463

Prashant Agrawal <prashant.a.vjti@gmail.com>
Prashant Varanasi <prashant@prashantv.com>
Praveen Kumar <praveen+git@kumar.in>
Pravendra Singh <hackpravj@gmail.com>
Preetam Jinka <pj@preet.am>
Pure White <wu.purewhite@gmail.com>
Qais Patankar <qaisjp@gmail.com>
Qiuxuan Zhu <shl1022@gmail.com>
Quan Tran <qeed.quan@gmail.com>
Quan Yong Zhai <qyzhai@gmail.com>
Quentin Perez <qperrez@ocs.online.net>
Quentin Renard <contact@asticode.com>
Quentin Smith <quentin@golang.org>
Quey-Liang Kao <s101062801@m101.nthu.edu.tw>
Quinn Slack <sqs@sourcegraph.com>
Quinten Yearsley <qyearsley@chromium.org>
Quoc-Viet Nguyen <afelion@gmail.com>
Radek Sohlich <sohlich@gmail.com>
Radu Berinde <radu@cockroachlabs.com>
Rafal Jeczalik <rjeczalik@gmail.com>
Raghavendra Nagaraj <jamdagni86@gmail.com>
Rahul Chaudhry <rahulchaudhry@chromium.org>
Raif S. Naffah <go@naffah-raif.name>
Rajat Goel <rajat.goel2010@gmail.com>
Rajath Agasthya <rajathagasthya@gmail.com>
Rajender Reddy Kompally <rajenderreddykompally@gmail.com>
Ralph Corderoy <ralph@inputplus.co.uk>
Ramazan AYYILDIZ <rayyildiz@gmail.com>
Ramesh Dharan <dharan@google.com>
Raph Leven <raph@google.com>
Raphael Geronimi <raphael.geronimi@gmail.com>
Raul Silvera <rsilvera@google.com>
Ravil Bikbulatov <weeellz12@gmail.com>
RaviTeja Pothana <ravi.tezu@gmail.com>
Ray Tung <rtung@thoughtworks.com>
Raymond Kazlauskas <raima220@gmail.com>
Rebecca Stambler <rstambler@golang.org>
Reilly Watson <reillywatson@gmail.com>
Reinaldo de Souza Jr <juniorz@gmail.com>
Remi Gillig <remigillig@gmail.com>
Rmy Oudompheng <oudomphe@phare.normalesup.org> <remyoudompheng@gmail.com>
Ren Ogaki <re.yuz7777@gmail.com>
Rens Rikkerink <ikkerens@users.noreply.github.com>
Rhys Hiltner <rhys@justin.tv>
Ricardo Padilha <ricardospadilha@gmail.com>
Ricardo Seriani <ricardo.seriani@gmail.com>
Richard Barnes <rlb@ipv.sx>
Richard Crowley <r@rcrowley.org>
Soojin Nam <jsunam@gmail.com>
Sren L. Hansen <soren@linux2go.dk>
Spencer Kocot <spencerkocot@gmail.com>
Spencer Nelson <s@spenczar.com>
Spencer Tung <spencertung@google.com>
Spring Mc <heresy.mc@gmail.com>
Srdjan Petrovic <petrovic@google.com>
Sridhar Venkatakrishnan <sridhar@laddoo.net>
Srinidhi Kaushik <srinidhi.kaushik@gmail.com>
StalkR <stalkr@stalkr.net>
Stan Schwertly <stan@schwertly.com>
Stanislav Afanasev <php.progger@gmail.com>
Steeve Morin <steeve.morin@gmail.com>
Stefan Baebler <sbaebler@outbrain.com>
Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>
Stepan Shabalov <stephan @ new-liberty.com>
Stephen Renatus <srenatus@chef.io>
Stephen Zuercher <zuercher@gmail.com>
Stéphane Travostino <stephane.travostino@gmail.com>
Stephen Lewis <stephen@sock.org.uk>
Stephen Lu <steuhs@users.noreply.github.com>
Stephen Ma <stephennm@golang.org>
Stephen McQuay <stephen@mcquay.me>
Stephen Searles <stephens2424@gmail.com>
Stephen Weinberg <stephen@q5comm.com>
Steve Francia <spf@golang.org>
Steve Gilbert <stevegilbert23@gmail.com>
Steve LoFurno <slofurno@gmail.com>
Steve McCoy <mccoyst@gmail.com>
Steve Mynott <steve.mynott@gmail.com>
Steve Newman <snewman@google.com>
Steve Phillips <elimisteve@gmail.com>
Steve Streetering <steve@stevestreeting.com>
Steven Buss <sbuss@google.com>
Steven Elliot Harris <seharris@gmail.com>
Steven Erenst <stevenenerst@gmail.com>
Steven Hartland <steven.hartland@multiplay.co.uk>
Steven Littiebrant <imgroxx@gmail.com>
Steven Wilkin <stevenwilkin@gmail.com>
Stuart Jansen <sjansen@buscaluz.org>
Sue Spence <virtuallysue@gmail.com>
Sugu Sougoumarane <ssougou@gmail.com>
Suharsh Sivakumar <suhars@shs@google.com>
Sukrit Handa <sukrit.handa@utoronto.ca>
Sunny <me@darkowlzz.space>
Suriyaa Sundararuban <suriyaasundararuban@gmail.com>
Suyash <dextrous93@gmail.com>
Suzy Mueller <suzmue@golang.org>
Wembley G. Leach, Jr <wembly.gl@gmail.com>
Wenlei (Frank) He <wlhe@google.com>
Wenzel Lowe <lowewenzel@gmail.com>
Wil Selwood <wselwood@gmail.com>
Wilfried Teiken <wteiken@google.com>
Will Beason <willbeason@gmail.com>
Will Chan <willchan@gmail.com>
Will Faught <will.faught@gmail.com>
Will Morrow <wmorrow.qdt@qualcommdatacenter.com>
Will Norris <willnorris@google.com>
Will Storey <will@summercat.com>
Willem van der Schyff <willemvds@gmail.com>
William Chan <willchan@chromium.org>
William Chang <mr.williamchang@gmail.com>
William Josephson <wjosephson@gmail.com>
William Orr <will@worrbase.com> <ay1244@gmail.com>
William Poussier <william.poussier@gmail.com>
Wisdom Omuya <deafgoat@gmail.com>
Wu Yunzhou <yunzhouwu@gmail.com>
Xi Ruoyao <xry23333@gmail.com>
Xia Bin <snyh@snyh.org>
Xiangdong Ji <xiangdong.ji@arm.com>
Xing Xing <mikespook@gmail.com>
Xingqiang Bai <bxq2011hust@qq.com>
Xu Fei <badgangkiller@gmail.com>
Xudong Zhang <felixmelon@gmail.com>
Xudong Zheng <7pkvm5aw@slicealias.com>
Xuyang Kang <xuyangkang@gmail.com>
Yamagishi Kazutoshi <ykzts@desire.sh>
Yan Zou <yzou@gmail.com>
Yang Hau <vulxj08j8@gmail.com>
Yang Tian <linuxty@gmail.com>
Yann Hodique <yhodique@google.com>
Yann Kerherv <yann.kerherve@gmail.com>
Yann Salan <yannsalaun1@gmail.com>
Yannice Bonenberger <contact@yannice-bonenberger.com>
Yao Zhang <lunaria21@gmail.com>
Yaron de Leeuw <jarondl@google.com>
Yaroslav Vorobiiv <yar.vorobiov@gmail.com>
Yasha Bubnov <girokompass@gmail.com>
Yasser Abdolmaleki <yasser@yasser.ca>
Yasuharu Goto <matope.ono@gmail.com>
Yasuhiro Matsumoto <mattn.jp@gmail.com>
Yasuyuki Oka <yasuyk@gmail.com>
Yazen Shunnar <yazen.shunnar@gmail.com>
Yestin Sun <ylh@pdx.edu>
Yesudeep Mangalapilly <yesudeep@Google.com>
Yissakhar Z. Beck <yissakhar.beck@gmail.com>
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* configure.ac, Makefile.am: The original versions were derived from the
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* atf-c/ui.c: The format_paragraph and format_text functions were
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  3a0982da308228d796df35f98d787c5cfff2bb5b6.

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

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk,
  admin/check-style-cpp.awk, admin/check-style-shell.awk: These files,
  except the first one, were first implemented in the Buildtool project.
  They were later adapted to be part of Boost.Process and, during that
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*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-
jar/org/springframework/aop/aspectj/AspectJWeaverMessageHandler.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/support/NameMatchMethodPointcutAdvisor.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/support/PrototypeTargetSource.java
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Version 3, 29 June 2007

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<h3>3. Time Zone Database</h3>


7. Database Ownership

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document. Rather it is a pre-existing and regularly updated work
that is in the public domain, and is intended to remain in the public
domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do not apply
to the TZ Database or contributions that individuals make to it.
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</pre>

</body>
## makefile

### BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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### Commands to generate dependency files

```
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

### Flags for position independent code

```
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -DPIC
```

### Additional flags when building libraries and with threads

```
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =
```

### Compiler switch to embed a runtime search path

```
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,
```

### Compiler switch to embed a library name

```
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
```

### Shared library options

```
LD_SOOPTIONS= -Wl,-Bsymbolic
```

### Shared object suffix

```
SO = so
```

### Non-shared intermediate object suffix

```
STATIC_O = ao
```

### Compilation rules

```
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
```

```
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<
```

### Dependency rules

```
%.d: $(srcdir)/%.c
```
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n | sed "s/\(\$\*\)\.o \([ :]+\)*/\1.o $@ : /g\" > $@; \n [-s $@ ] || rm -f $@

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "s/\(\$\*\)\.o \([ :]+\)*/\1.o $@ : /g\" > $@; \n [-s $@ ] || rm -f $@

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s {<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s {*F}.$(SO).$(SO_TARGET_VERSION) $@

## End FreeBSD-specific setup

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1.1370 jctools-core 3.1.0

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<inceptionYear>2013</inceptionYear>

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

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

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

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

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

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Mersenne Twister
----------------

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A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed) or init_by_array(init_key, key_length).

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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
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Sockets
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

-------------------------------

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test_epoll
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---------

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Original location:
https://github.com/majek/csiphash/

Solution inspired by code from:
Samuel Neves (supercop/crypt0_auth/siphash24/little)
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strtod and dtoa
---------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and
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-----

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------

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zlib
---

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cfuhash
------

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1.1375 javax-json-bind-api 1.0

1.1376 phantomjs 1.9.6
1.1376.1 Available under license:

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Contributors (in approximate order of appearance)

[See also the ChangeLog file where individuals are attributed in log entries. Likewise in the FAQ file.]
Ben Elliston
bj at cygnus dot com
Initiated the project;
setup the project infrastructure (CVS, web page, etc.);
early prototype routines.
Ross Johnson
pj at callisto dot canberra dot edu dot au
early prototype routines;
ongoing project coordination/maintenance;
implementation of spin locks and barriers;
various enhancements;
bug fixes;
documentation;
testsuite.
Robert Colquhoun
jc at trump dot net dot au
Early bug fixes.
John E. Bossom
John dot Bossom at cognos dot com
Contributed substantial original working implementation;
bug fixes;
ongoing guidance and standards interpretation.
Anders Norlander
norlander at hem2 dot passagen dot se
Early enhancements and runtime checking for supported
Win32 routines.
Tor Lilqvist
ml at iki dot fi
General enhancements;
early bug fixes to condition variables.
Scott Lightner
scott at curriculum dot com
Bug fix.
Kevin Ruland
Kevin dot Ruland at anheuser-busch dot com
Various bug fixes.
Mike Russo
miker at eai dot com
Bug fix.
Mark E. Armstrong
avail at pacbell dot net
Bug fixes.
Lorin Hochstein
lmh at xiphos dot ca
general bug fixes; bug fixes to condition variables.
Peter Slacik
Peter dot Slacik at tatramed dot sk
Bug fixes.
Mumit Khan
khan at xraylith dot wisc dot edu
Fixes to work with Mingw32.
Milan Gardian
mg at tatramed dot sk
Bug fixes and reports/analyses of obscure problems.
Aurelio Medina
aureliom at crt dot com
First implementation of read-write locks.
Graham Dumpleton
Graham dot Dumpleton at ra dot pad dot otc dot telstra dot com dot au
Bug fix in condition variables.
Tristan Savatier
tristan at mpegtv dot com
WinCE port.
Erik Hensema
erik at hensema dot xs4all dot nl
Bug fixes.
Rich Peters
peters at micro-magic dot com

Todd Owen
towen at lucidcalm dot dropbear dot id dot au

Bug fixes to dll loading.

Jason Nye
jnye at nbnet dot nb dot ca

Implementation of async cancelation.

Fred Forester
fforest at eticomm dot net

Implementation of async cancelation.

Kevin D. Clark
kclark at cabletron dot com

David Baggett
itasoftware dot com

Bug fixes.

Paul Redondo
matchvision dot com

Bug fixes.

Scott McCaskill
3dfx dot com

Bug fixes.

Jef Gearhart
tpssys dot com

Bug fix.

Arthur Kantor
bexusa dot com

Mutex enhancements.

Steven Reddies
essemer dot com dot au

Bug fix.

Alexander Terekhov
TEREKHOV at de dot ibm dot com

Re-implemented and improved read-write locks;
(with Louis Thomas) re-implemented and improved
condition variables;

Mutex enhancements.

Franco Bez
franco dot bez at gmx dot de

(with Alexander Terekhov) re-implemented and improved
condition variables.

Louis Thomas
at arbitrade dot com

Ported to UWIN.

Phil Frisbie, Jr.
phil at hawksoft dot com

Bug fix.

Ralf Brese
Ralf dot Brese at pdb4 dot siemens dot de

Bug fix.

prionx at juno dot com

Bug fixes.

Max Woodbury
mtew at cds dot duke dot edu
POSIX versioning conditionals;
reduced namespace pollution;
idea to separate routines to reduce statically
linked image sizes.

Rob Fannerrfanner at stonethree dot com
Bug fix.

Michael Johnson michaelj at maine dot rr dot com
Bug fix.

Nicolas Barryboozai at yahoo dot com
Bug fixes.

Piet van Bruggenpietvb at newbridges dot nl
Bug fix.

Makoto Katoraven at oldskool dot jp

AMD64 port.

Panagiotis E. Hadjidoukaspeh at hpclab dot ceid dot upatras dot gr
Contributed the QueueUserAPCEx package which
makes preemptive async cancelation possible.

Will Bryantwill dot bryant at ecosm dot com
Borland compiler patch and makefile.

Anuj Goyalanuj dot goyal at gmail dot com
Port to Digital Mars compiler.

Gottlob Fregegotlobfrege at gmail dot com
re-implemented pthread_once (version 2)
(pthread_once cancellation added by rpj).

Vladimir Kliatchkovladmir at kliatchko dot com
reimplemented pthread_once with the same form
as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.

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support library is itself covered by the above license.
This file contains a list of people who have made large contributions
to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:
Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author:
Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Patch contributors:

Kevin Ko <kevin.s.ko@gmail.com>
* Small patch to handle trailing slashes in --proto_path flag.

Johan Euphrosine <proppy@aminche.com>
* Small patch to fix Python CallMethod().

Ulrich Kunitz <kune@deine-taler.de>
* Small optimizations to Python serialization.

Leandro Lucarella <llucax@gmail.com>
* VI syntax highlighting tweaks.
* Fix compiler to not make output executable.

Dilip Joseph <dilip.antony.joseph@gmail.com>
* Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>
* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
* Tru64 support.

Monty Taylor <monty.taylor@gmail.com>
* Solaris 10+ Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>
* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>
* MS Visual Studio error format option.
* Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>
* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>
* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
* Added generation of field number constants.

Wink Saville <wink@google.com>
* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>
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Alexandre Vassalotti <alexandre@peadrop.com>
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Scott Stafford <scott.stafford@gmail.com>
* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>
* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>
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Evan Jones <evanj@mit.edu>
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Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx pthread.m4 problem for some Linux distributions.

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
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If distribution of object code is made by offering access to copy
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the use of the object
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Otherwise, if the work is a derivative of the Library, you may
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whether or not they are linked directly with the Library itself.
6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is
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1.1380 spring-web 5.1.6.RELEASE

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  /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/codec/xml/XmlEventDecoder.java
  /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/converter/AbstractHttpMessageConverter.java
  /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/codec/json/Jackson2Tokenizer.java
  /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/codec/json/HttpMessageNotReadableException.java
jar/org/springframework/web/util/UriComponentsBuilder.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/client/MessageBodyClientHttpResponseWrapper.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/client/reactive/JettyClientHttpResponse.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/util/HierarchicalUriComponents.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/util/HtmlCharacterEntityDecoder.java
* /opt/cola/permits/110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/util/HtmlCharacterEntityDecoder.java
jar/org/springframework/http/codec/ServerSentEventHttpMessageWriter.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/method/HandlerMethod.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/server/adapter/HttpWebHandlerAdapter.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/codec/json/AbstractJackson2Encoder.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/server/reactive/AbstractServerHttp HttpRequest.java

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* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/converter/HttpMessageNotWritableException.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/context/request/RequestContextListener.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/filter/OncePerRequestFilter.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/util/HttpSessionMutexListener.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/multipart/MultipartResolver.java
* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/http/converter/HttpMessageConversionException.java
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# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
The registry is at <https://www.iana.org/assignments/media-types/>.

This file was retrieved from

MIME type (lowercased)Extensions
-----------------------------------------------
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+zip
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
application/cdmi-capability
application/cdmi-container
# application/mosskey-data
# application/mosskey-request
application/mp21m21 mp21
application/mp4mp4s
# application/mpeg4-generic
# application/mpeg4-iod
# application/mpeg4-iod-xmt
# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword	doc dot
application/mxf	mxf
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsml+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-stream	dms lrf mar so distz pkg bpk dump elc deploy
application/oda
# application/odx
application/oebps-package+xmlopf
application/oggogx
application/omdoc+xmlxmlmdoc
application/onemotec2 onetoc onetoc2 onetmp onepkg
application/oxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xmlxmlxer
application/pdfpdf
# application/pdx
application/pgp-encryptedpgp
# application/pgp-keys
application/pgp-signatureasc sig
application/pics-rulesprf
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10p10
# application/pkcs12
application/pkcs7-mimep7mp7c
application/pkcs7-signaturep7sp7c
application/pkcs8p8
application/pkix-attr-certac
application/pkix-certcer
application/pkix-crlcrl
application/pkix-pkipathpkipath
application/pkixcmppk
application/pls+xmlpts
# application/poc-settings+xml
application/postscriptai eps ps
# application/ppsp-tracker+json
# application/problem+json
# application/problem+xml
# application/provenance+xml
# application/prs.alvestrand.titrax-sheet
application/prs.cwwcww
# application/prs.hpub+zip
# application/prs.nprend
# application/prs.plucker
# application/prs.rdf-xml-crypt
# application/prs.xsf+xml
application/pskc+xmlmlpskcxm
# application/qsig
# application/raptorfec
# application/rdap+json
application/rdf+xmlmlrdf
application/reginfo+xmlmlrif
application/relax-ng-compact-syntaxrlnc
# application/remote-printing
# application/reputon+json
application/resource-lists+xmlmlrl
application/resource-lists-diff+xmlmlrd
# application/rfc+xml
# application/riscos
# application/rmi+xmlml
application/rls-services+xmlmlrs
application/rpki-ghostbustersgbr
application/rpki-manifestmft
application/rpki-roara
# application/rpki-updown
application/rsd+xmlmlrsd
application/rss+xmlmlrss
application/rtftf
# application/rtptable
# application/rtx
# application/samlassertion+xmlml
# application/samlmetadata+xmlml
application/sbml+xmlmlsbml
# application/scaip+xmlml
# application/scim+json
application/scvp-cv-requestscq
application/scvp-cv-responsescs
application/scvp-vp-requestspq
application/scvp-vp-response
application/dpsdp
# application/sep+xml
# application/sep-exi
# application/session-info
# application/set-payment
application/set-payment-initiation
# application/set-registration
application/set-registration-initiation
# application/sgml
# application/sgml-open-catalog
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simplesymbolcontainer
# application/slate
# application/smil
application/smil+xml
# application/smite
# application/soap+xml
# application/soap+fastinfoset
# application/soap+html
application/sparql-query
application/sparql-results+xml
# application/spirits-event+xml
# application/sql
application/srgs
application/srgs+xml
application/sru+xml
application/ssdl+xml
application/ssml+xml
# application/tamp-apex-update
# application/tamp-apex-update-confirm
# application/tamp-community-update
# application/tamp-community-update-confirm
# application/tamp-error
# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
# application/tamp-status-query
# application/tamp-status-response
# application/tamp-update
# application/tamp-update-confirm
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# application/timestamp-query
# application/timestamp-reply
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# application/ttml+xml
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# application/ulpfec
# application/urc-grpsheet+xml
# application/urc-ressheet+xml
# application/urc-targetdesc+xml
# application/urc-uisocketdesc+xml
# application/vcard+json
# application/vcard+xml
# application/vemmi
# application/vividence.scriptfile
# application/vnd.3gpp-prose+xml
# application/vnd.3gpp-prose-pc3ch+xml
# application/vnd.3gpp.access-transfer-events+xml
# application/vnd.3gpp.bsff+xml
# application/vnd.3gpp.mid-call+xml
application/vnd.3gpp.pic-bw-large
plb
application/vnd.3gpp.pic-bw-small
psb
application/vnd.3gpp.pic-bw-var
pbv
# application/vnd.3gpp.sms
# application/vnd.3gpp.sms+xml
# application/vnd.3gpp.srvcc-ext+xml
# application/vnd.3gpp.srvcc-info+xml
# application/vnd.3gpp.state-and-event-info+xml
# application/vnd.3gpp.ussd+xml
# application/vnd.3gpp2.bcmcsinfo+xml
# application/vnd.3gpp2.sms
application/vnd.3gpp2.tcap
tcap
# application/vnd.3lightssoftware.imagescal
application/vnd.3m.post-it-notes
pwn
application/vnd.accpac.simply.aso
aso
application/vnd.accpac.simply.imp
imp
application/vnd.acucobol
acu
application/vnd.acucorp
acutc
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azf
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# application/vnd.adobe.flash.movie
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fxip
# application/vnd.adobe.partial-upload
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# application/vnd.aether.imp
# application/vnd.ah-barcode
application/vnd.ahead.spaceahead
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# application/vnd.japannet-verification
# application/vnd.japannet-verification-wakeup
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application/vnd.jispjisp
application/vnd.joost.joda-archiveljoda
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application/vnd.kde.karbonarbon
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application/vnd.kde.kkontourkon
application/vnd.kde.kpresenterkpr kpt
application/vnd.kde.kspreadksp
application/vnd.kde.kwordkwtd kwt
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application/vnd.lamagraphics.life-balance.exchange+xml
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application/vnd.lotus-approachapr
application/vnd.lotus-freelancepre
application/vnd.lotus-notesnsf
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application/vnd.lotus-screencamsccm
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application/vnd.mapbox-vector-tile
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# application/vnd.marlin.drm.conf-token+xml
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# application/vnd.meridian-slingshoto
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application/vnd.mfmpmf
# application/vnd.micro+json
application/vnd.micrografx.floflo
application/vnd.micrografx.igxigx
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# application/vnd.oma-scws-http-response
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# application/vnd.oma.bcast.imd+xml
# application/vnd.oma.bcast.ltkm
# application/vnd.oma.bcast.notification+xml
# application/vnd.oma.bcast.provisioningtrigger
# application/vnd.oma.bcast.sgboot
# application/vnd.oma.bcast.sgdd+xml
# application/vnd.oma.bcast.sgdu
# application/vnd.oma.bcast.simple-symbol-container
# application/vnd.oma.bcast.smartcard-trigger+xml
# application/vnd.oma.bcast.sprov+xml
# application/vnd.oma.bcast.stkm
# application/vnd.oma.cab-address-book+xml
# application/vnd.oma.cab-feature-handler+xml
# application/vnd.oma.cab-pcc+xml
# application/vnd.oma.cab-subs-invite+xml
# application/vnd.oma.cab-user-prefs+xml
# application/vnd.oma.dcd
# application/vnd.oma.dd2+xml
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# application/vnd.oma.pal+xml
# application/vnd.oma.poc.detailed-progress-report+xml
# application/vnd.oma.poc.final-report+xml
# application/vnd.oma.poc.groups+xml
# application/vnd.oma.poc.invocation-descriptor+xml
# application/vnd.oma.poc.optimized-progress-report+xml
# application/vnd.oma.push
# application/vnd.oma.scidm.messages+xml
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application/vnd.seemail
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application/vnd.semd
application/vnd.semf
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tsda
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tsdd
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smf
application/vnd.stardivision.writer
svor
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application/vnd.street-stream
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# application/vnd.vectorworks
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application/vnd.xara
application/vnd.xfdl
# application/vnd.xfdl.webform
# application/vnd.xmi+xml
# application/vnd.xmpie.cpkg
# application/vnd.xmpie.dpkg
# application/vnd.xmpie.plan
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* /opt/cola/permits/1110675629_1606843780.99/0/spring-web-5-1-6-release-sources-jar/org/springframework/web/web/HttpSessionRequiredException.java
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/**
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
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 */

1.1381 mergo 0.3.7

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fields:
site: string
author: root

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When a program is linked with a library, whether statically or using
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For example, on rare occasions, there may be a special need to
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allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
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In other cases, permission to use a particular library in non-free
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Although the Lesser General Public License is Less protective of the
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
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with the Library, with the complete machine-readable "work that
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An almost complete rewrite of MySpell for use by the Mozilla project has been developed by David Einstein (Deinst@world.std.com). David and I are now working on parallel development tracks to help our respective projects (Mozilla and OpenOffice.org) and we will maintain full affix file and dictionary file compatibility and work on merging our versions of MySpell back into a single tree. David has been a significant help in improving MySpell.

Special thanks also go to La'szlo' Ne'meth <nemethl@gyorsposta.hu> who is the author of the

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* Hungarian dictionary and who developed and contributed
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1.1394 spring-boot-starter-json

2.1.4.RELEASE

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

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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

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

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Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html
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org.ow2.asm:asm-commons
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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
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* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/manager/DefaultArchiverManager.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/manager/NoSuchArchiverException.java
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* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/UnixStat.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipExtraField.java

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* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-
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jar/org/codehaus/plexus/archiver/bzip2/CRC.java
 * /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-
jar/org/codehaus/plexus/archiver/zip/UnrecognizedExtraField.java
 * /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-
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* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipUnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBZip2UnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/zip/ManifestException.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipUnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/ZipUnArchiver.java
* /opt/cola/permits/1001477393_1606843053.27/0/plexus-archiver-1-0-alpha-7-sources-1-jar/org/codehaus/plexus/archiver/UnArchiver.java

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* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/PooledDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/ByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/ByteBufUtil.java
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* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/UnpooledByteBufAllocator.java
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* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/DuplicatedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/UnpooledDirectByteBuf.java
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* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4.1.43-final-sources-1-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
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1.1419 commons-cli 1.0

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1.1423 httpasyncclient 4.1.2

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* /opt/cola/permits/1110677168_1606844040.23/0/javassist-3-23-1-ga-sources-1-jar/javassist/compiler/ast/DoubleConst.java
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* /opt/cola/permits/1110677168_1606844040.23/0/javassist-3-23-1-ga-sources-1-jar/javassist/ClassPrimitiveType.java
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visualization/src/main/java/edu/uci/ics/jung/visualization/transform/HyperbolicTransformer.java
* /opt/cola/permits/1106204198_1607111113.65/0/jung-jung-visualization-1-tar-gz/jung-
visualization/src/main/java/edu/uci/ics/jung/visualization/transform/LensTransformer.java
* /opt/cola/permits/1106204198_1607111113.65/0/jung-jung-visualization-1-tar-gz/jung-
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* /opt/cola/permits/1106204198_1607111113.65/0/jung-jung-visualization-1-tar-gz/jung-
visualization/src/main/java/edu/uci/ics/jung/visualization/transform/MutableTransformerDecorator.java
* /opt/cola/permits/1106204198_1607111113.65/0/jung-jung-visualization-1-tar-gz/jung-
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private boolean confidential;  
/** The confidential flag */

@override public boolean isConfidential() return confidential; sb.append("confidential=").append(confidential);

*/
1.1460 relaxngdatatype 2011.1

1.1461 lucene-spatial-extras 7.4.0
1.1461.1 Available under license:

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Original algorithm for the implementation of rk_interval function from
Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by
Magnus Jonsson.
Constants used in the rk_double implementation by Isaku Wada.

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# SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083

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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
jar/org/springframework/aop/interceptor/AsyncUncaughtExceptionHandler.java
* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
jar/org/springframework/aop/target/ThreadLocalTargetSource.java
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
jar/org/aopalliance/intercept/Joinpoint.java
* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
jar/org/aopalliance/intercept/Invocation.java
* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/aspectj/AspectJWeaverMessageHandler.java
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jar/org/aopalliance/intercept/MethodInterceptor.java
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/config/AbstractInterceptorDrivenBeanDefinitionDecorator.java
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/support/DefaultBeanFactoryPointcutAdvisor.java
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 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See {@link TypeReference}.
 *
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 *
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 *
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 */
* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
* /

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* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
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 */
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {
 * @link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 * @throws IllegalArgumentException
 *
 * @param text The text to be built into the textifier.
 */

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Found in path(s):
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1.jar/org/objectweb/asm/util/Textifier.java
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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [ {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [ @link Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [@link Type Type]).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
*/opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-
jar/org/objectweb/asm/commons/GeneratorAdapter.java

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/**
 * Creates a new [{@link AnalyzerAdapter}]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [{@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}]
 * version.
 *
 * @param owner
 * the owner's class name.
 *
 * @param access
 * the method's access flags (see [{@link Opcodes}]).
* @param name
*       the method's name.
* @param desc
*       the method's descriptor (see {@link Type Type}).
* @param mv
*       the method visitor to which this adapter delegates calls. May
*       be <tt>null</tt>.
* @throws IllegalStateException
*       If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-
  jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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/**
* Constructs a new [{@link ClassNode}]<tt>. </tt>Subclasses must not use this
* constructor</tt>. Instead, they must use the [{@link #ClassNode(int)}]
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```java
* version.
*
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/tree/ClassNode.java
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* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink-signatures.properties
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/cola/permits/1001477335_1606843073.05/0/asm-tree-5-0-1-sources-1-jar/org/objectweb/asm/optimizer/shrink-resize.properties
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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 *
 * @param access
 * the method's access flags (see @link Opcodes). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see @link Type).
 *
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 *
 * @param exceptions
 * the internal names of the method's exception classes (see
 * @link Type#InternalName() getInternalName()). May be
 * <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */
1.1476 ojdbc 6
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# or the Oracle proprietary type oracle.xdb.XMLType.

Found in path(s):
* /opt/cola/permits/1111462390_1607118720.56/0/ojdbc-6-sources-1-
jar/oracle/jdbc/defaultConnectionProperties.properties

1.1477 doxia-sink-api 1.0-alpha-4
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1.1478 tdb 1.3.18-1.el7

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* java.sun.security.ssl

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

Apache

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

MortBay

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.1485 libnl3 1.1.4-3.el7

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    analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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    analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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    analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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mecab-ipadic-2.7.0-20070801

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Nori Korean Morphological Analyzer - Apache Lucene Integration
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mecab-ko-dic-2.0.3-20170922

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1.1494 wildfly-weld-common 14.0.1.Final
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* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1-jar/org/wildfly/elytron/web/undertow/server/ElytronContextAssociationHandler.java
* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1-jar/org/wildfly/elytron/web/undertow/server/ElytronAccount.java
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* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1-jar/org/wildfly/elytron/web/undertow/server/package-info.java

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  jar/org/wildfly/elytron/web/undertow/server/ScopeSessionListener.java

1.1502 asm 5.0.4

1.1503 gnome-online-accounts 3.28.2-1.el7
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1.1510 classmate 1.4.0

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Other developers who have contributed code are:

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1.1511 tomcat-embed-el 9.0.21

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1.1512 netty 4.1.53.Final

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Contributors (in approximate order of appearance)

[See also the ChangeLog file where individuals are attributed in log entries. Likewise in the FAQ file.]

Ben Elliston
bje at cygnus dot com
Initiated the project;
setup the project infrastructure (CVS, web page, etc.);
early prototype routines.
Ross Johnson
rpj at callisto dot canberra dot edu dot au
early prototype routines;
ongoing project coordination/maintenance;
implementation of spin locks and barriers;
various enhancements;
bug fixes;
documentation;
testsuite.
Robert Colquhoun
rjc at trump dot net dot au
Early bug fixes.
John E. Bossom
John dot Bossom at cognos dot com
Contributed substantial original working implementation;
bug fixes;
ongoing guidance and standards interpretation.
Anders Norlander
anorland at hem2 dot passagen dot se
Early enhancements and runtime checking for supported Win32 routines.
Tor Lillqvist
tml at iki dot fi
General enhancements;
early bug fixes to condition variables.
Scott Lightner
scott at curriculum dot com
Bug fix.
Kevin Ruland
Kevin dot Ruland at anheuser-busch dot com
Various bug fixes.
Mike Russo
miker at eai dot com
Bug fix.
Mark E. Armstrong
avail at pacbell dot net
Bug fixes.
Lorin Hochstein
lmh at xiphos dot ca
general bug fixes; bug fixes to condition variables.
Peter Slacik
Peter dot Slacik at tatramed dot sk
Bug fixes.
Mumit Khankhan
khan at xraylith dot wisc dot edu
Fixes to work with Mingw32.
Milan Gardianmg at tatramed dot sk
Bug fixes and reports/analyses of obscure problems.
Aurelio Medina at crt dot com
First implementation of read-write locks.
Graham Dumpleton
Graham dot Dumpleton at ra dot pad dot otc dot telstra dot com dot au
Bug fix in condition variables.
Tristan Savatier
Tristan at mpegtv dot com
WinCE port.
Erik Hensema
Erik at hensema dot xs4all dot nl
Bug fixes.
Rich Peters
Rich at micro-magic dot com
Todd Owen
Todd at lucidcalm dot dropbear dot id dot au
Bug fixes to dll loading.
Jason Nye
Jason at nbnet dot nb dot ca
Implementation of async cancelation.
Fred Forester
Fred at eticom dot net
Kevin D. Clark
Kevin at cabletron dot com
David Baggett
David at itasoftware dot com
Bug fixes.
Paul Redondo
Paul at matchvision dot com
Scott McCaskell
Scott at 3dfx dot com
Bug fixes.
Jef Gearhart
Jef at tpssys dot com
Bug fix.
Arthur Kantor
Arthur at bexusa dot com
Mutex enhancements.
Steven Reddies
Steven at essem dot com dot au
Bug fix.
Alexander Terekhov
Alexander at de dot ibm dot com
Re-implemented and improved read-write locks;
(with Louis Thomas) re-implemented and improved
condition variables;
enhancements to semaphores;
enhancements to mutexes;
new mutex implementation in 'futex' style;
suggested a robust implementation of pthread_once
similar to that implemented by V.Kliathcko;
system clock change handling re CV timeouts;
bug fixes.
Thomas Pfaff
Thomas at gmx dot net
Changes to make C version usable with C++ applications;
re-implemented mutex routines to avoid Win32 mutexes
and TryEnterCriticalSection;
procedure to fix Mingw32 thread-safety issues.
Franco Bez
Franco at gmx dot de
procedure to fix Mingw32 thread-safety issues.
Louis Thomas
Louis at arbitrade dot com
(with Alexander Terekhov) re-implemented and improved condition variables.
David Korndgk at research dot att dot com
Ported to UWIN.
Phil Frisbie, Jr.phil at hawksoft dot com
Bug fix.
Ralf Brese Ralf dot Brese at pdb4 dot siemens dot de
Bug fix.
prionx at junodotcom prionx at junodotcom
Bug fixes.
Max Woodbury mtew at duke dot edu
POSIX versioning conditionals;
reduced namespace pollution;
idea to separate routines to reduce statically linked image sizes.
Rob Fannerrfanner at stonethree dot com
Bug fix.
Michael Johnson michaelj at maine dot rr dot com
Bug fix.
Nicolas Barryboozai at yahoo dot com
Bug fixes.
Piet van Bruggenpietvb at newbridges dot nl
Bug fix.
Makoto Katoraven at oldskool dot jp
AMD64 port.
Panagiotis E. Hadjidoukas peh at hpclab dot ceid dot upatras dot gr
Contributed the QueueUserAPCEX package which makes preemptive async cancelation possible.
Will Bryantwill dot bryant at ecosm dot com
Borland compiler patch and makefile.
Anuj Goyalanuj dot goyal at gmail dot com
Port to Digital Mars compiler.
Gottlob Freegottlobfrege at gmail dot com
re-implemented pthread_once (version 2)
(pthread_once cancellation added by rpj).
Vladimir Kliatchkovladimir at kliatchko dot com
reimplemented pthread_once with the same form as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.
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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
## Dependency rules

%.d: $(srctxt)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \ 
| sed \"s/(\$\n)\%o\ ![ ]\*$\n.o \ ![ ]\*$\n> $\n; \ 
[-s $\n ] \ || rm -f $\n’'

%.d: $(srctxt)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \ 
| sed \"s/(\$\n)\%o\ ![ ]\*$\n.o \ ![ ]\*$\n> $\n; \ 
[-s $\n ] \ || rm -f $\n’

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS=-Wl,-Bsymblic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
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Ajay Joshi <jaj@google.com>
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Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>
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Ji Sigursson <joi@google.com>
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Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
* Merlin Hughes
  Original author of sensord.
* Bob Schlaermann
  Dynamic chip feature detection (a.k.a. generic chip support) in libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

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1.1524 tcljava 1.2.6

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

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

* atf-c/ui.c: The format_paragraph and format_text functions were
derived from the ones in the Monotone project, revision
3a0982da308228d796df35f98d787c5cfe2bb5b6.

  Author: Julio Merino <jmmv@NetBSD.org>

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

  Author: Julio Merino <jmmv84@gmail.com>

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

  Author: Julio Merino <jmmv84@gmail.com>
1.1528 spring-security 3.1.4.RELEASE

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* /opt/cola/permits/1110674955_1606843695.45/0/jboss-classfilewriter-1-2-3-final-sources-1.jar/org/jboss/classfilewriter/constpool/InterfaceMethodRefEntry.java
* /opt/cola/permits/1110674955_1606843695.45/0/jboss-classfilewriter-1-2-3-final-sources-1.jar/org/jboss/classfilewriter/WritableEntry.java
* /opt/cola/permits/1110674955_1606843695.45/0/jboss-classfilewriter-1-2-3-final-sources-1.jar/org/jboss/classfilewriter/constpool/IntegerEntry.java
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* /opt/cola/permits/1110674955_1606843695.45/0/jboss-classfilewriter-1-2-3-final-sources-1.jar/org/jboss/classfilewriter/constpool/FieldRefEntry.java
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1.1537 spring-jcl 5.0.8.RELEASE

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1.1538 librabbitmq 0.8.1

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1.1539 spring-beans 5.1.8.RELEASE

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1.1540 wildfly-naming-client 1.0.9.Final

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- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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1.1552 perl-encode 2.51-7.el7

1.1553 poi-ooxml-schemas 3.9

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A. HISTORY OF THE SOFTWARE

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

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

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

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1.1559 pyopenssl 0.13.1 4.el7

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  jar/javax/validation/ValidateOnExecution.java
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  jar/javax/validation/metadata/ReturnValueDescriptor.java
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  jar/javax/validation/ElementKind.java
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  jar/javax/validation/ConstraintViolation.java
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  jar/javax/validation/Path.java
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  jar/javax/validation/ParameterNameProvider.java
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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchy.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1-jar/org/springframework/security/access/hierarchicalroles/UserDetailsServiceImpl.java
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 */
/**
 * Implementation of the MD4 message digest derived from the RSA Data Security, Inc, MD4 Message-Digest Algorithm.
 *
 * @author Alan Stewart
 */

/**
 * A token issued by {@link TokenService}.
 *
 * It is important that the keys assigned to tokens are sufficiently randomised and secured that
 * they can serve as identifying a unique user session. Implementations of {@link TokenService}
 * are free to use encryption or encoding strategies of their choice. It is strongly recommended that
 * keys are of sufficient length to balance safety against persistence cost. In relation to persistence
 * cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.
 *
 * @author Ben Alex
 * @since 2.0.1
 */

*/

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/**
 * @param authentication represents the user in question. Should not be null.
 * @param targetDomainObject the domain object for which permissions should be checked. May be null
 * in which case implementations should return false, as the null condition can be checked explicitly
 * in the expression.
 * @param permission a representation of the permission object as supplied by the expression system. Not null.
 * @return true if the permission is granted, false otherwise
 */

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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1-
  jar/org/springframework/security/access/PermissionEvaluator.java

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  jar/org/springframework/security/access/expression/method/MethodSecurityExpressionOperations.java

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Reviews the \texttt{Object} returned from a secure object invocation, being able to modify the \texttt{Object} or throw an \texttt{AccessDeniedException}.

Typically used to ensure the principal is permitted to access the domain object instance returned by a service layer bean. Can also be used to mutate the domain object instance so the principal is only able to access authorised bean properties or \texttt{Collection} elements.

Special consideration should be given to using an \texttt{AfterInvocationManager} on bean methods that modify a database. Typically an \texttt{AfterInvocationManager} is used with read-only methods, such as \texttt{public DomainObject getByld(id)}.

If used with methods that modify a database, a transaction manager should be used to ensure any \texttt{AccessDeniedException} will cause a rollback of the changes made by the transaction.

@author Ben Alex

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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/AnonymousAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/util/InMemoryResource.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/event/AuthenticationFailureLockedEvent.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/method/MapBasedMethodSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/vote/AuthenticatedVoter.java
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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/AccountExpiredException.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/userdetails/UserDetails.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/userdetails/memory/UserAttribute.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/AccessDeniedException.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/auth/AccountExpiredException.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/AbstractAuthenticationToken.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/userdetails/memory/UserAttribute.java
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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/userdetails/jdbc/JdbcDaoImpl.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/context/SecurityContextHolderStrategy.java
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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/SecurityConfig.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java

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jar/org/springframework(expression/spel/ast/SpelNodeImpl.java
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  * /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
  * /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-jar/org/springframework/expression/Expression.java
  * /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-jar/org/springframework/expression/TypeConverter.java
  * /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/OperatorOverloader.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/common/ExpressionUtils.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/spel/SpelParserConfiguration.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/spel/SpelParseException.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/ParserContext.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/AccessException.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/spel/support/StandardTypeLocator.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/spel/CompiledExpression.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1-
jar/org/springframework/expression/spel/standard/Token.java

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* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1.jar/org/springframework/expression/TypeLocator.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1.jar/org/springframework/expression/EvaluationException.java
* /opt/ws_local/PERMITS_SQL/1068290321_1594347044.98/0/spring-expression-5-2-2-release-sources-1.jar/org/springframework/expression/ConstructorResolver.java
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1.1573 perl 1.04-295.el7
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<one line to give the program's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1989
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The End

#!perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.
If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) { 
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so # that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
local $/ = ";
my $copyright_msg = <readme>;

my ($year) = $copyright_msg =~ /(\d{4,})\b/s
    or die "Year not found in README copyright message \$copyright_msg";

$year;
}

sub v_year
    # returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright 1987.*\b(\d{4,})\b/i
        or die "Copyright statement not found in perl -v output \$output";

    $year;
}

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Julian Seward, jseward@acm.org
bzip2/libbzzip2 version 1.0.8 of 13 July 2019

---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\n\nModule-Build mailing list at <module-
\nbuild@perl.org>.,"
built_requisites:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
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  version: 3

1.1574 gopsutil v2.20.3
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1.1575 cdi-api 2.0.sp1

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1.1578 python-openstack 0.47.0

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```python
clouds:
test_cloud:
    region_name: RegionOne
    auth:
        auth_url: http://xxx.xxx.xxx.xxx:5000/v2.0/
        username: demo
        password: secrete
        project_name: demo

rackspace:
    cloud: rackspace
    auth:
        username: joe
        password: joes-password
        project_name: 123123
        region_name: IAD

example:
    image_name: fedora-20.x86_64
    flavor_name: m1.small
    network_name: private

openstack/
    connection.py
    resource.py
    compute/
        compute_service.py
```
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1.1580 netty-transport 4.1.53.Final

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  jar/io/netty/channel/internal/ChannelUtils.java
* /opt/cola/permits/1104729185_1604648830.2/0/netty-transport-4-1-53-final-sources-
  jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
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  jar/io/netty/channel/socket/ChannelOutputShutdownException.java
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  jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
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  jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
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* /opt/cola/permits/1104729185_1604648830.20/netty-transport-4-1-53-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /opt/cola/permits/1104729185_1604648830.20/netty-transport-4-1-53-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
* /opt/cola/permits/1104729185_1604648830.20/netty-transport-4-1-53-final-sources-jar/io/netty/channel/AbstractChannel.java
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* /opt/cola/permits/1104729185_1604648830.20/netty-transport-4-1-53-final-sources-jar/io/netty/channel/ChannelInitializer.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
its [@link ChannelPipeline].

Sub-types

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

- [@link ChannelInboundHandler] to handle inbound I/O events, and
- [@link ChannelOutboundHandler] to handle outbound I/O operations.

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

- [@link ChannelInboundHandlerAdapter] to handle inbound I/O events,
- [@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and
- [@link ChannelDuplexHandler] to handle both inbound and outbound events.

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

The context object

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

State management

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

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

```java
public class DataServerHandler extends @link SimpleChannelInboundHandler<Message> {
    private boolean loggedIn;

    @Override
    public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
            loggedIn = true;
        }
    }
}
```
authenticate((LoginMessage) message);
<b>loggedIn = true;</b>
} else (message instanceof GetDataMessage) {
  if (<b>loggedIn</b>) {
    ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
  } else {
    fail();
  }
}

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

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

```java
public class DataServerInitializer extends `@link ChannelInitializer`<{`@link Channel`}> {

    private static final DataServerHandler `SHARED` = new DataServerHandler();

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

The `@Sharable` annotation

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation.

If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`s multiple times without a race condition.

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

This annotation is provided for documentation purpose, just like `@a href="http://www.javaconcurrencyinpractice.com/annotations/doc/"`the JCIP annotations`@a`.

Additional resources worth reading
Please refer to the [@link ChannelHandler], and
[@link ChannelPipeline] to find out more about inbound and outbound operations,
what fundamental differences they have, how they flow in a pipeline, and how to handle
the operation in your application.
*/

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import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 *
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
String url() default "";
}
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6.8.5

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1.1590 wildfly-clustering-jgroups-api
14.0.1.Final

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4.el7

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Greg Roelofs hacked it into a (in his words) "slightly cheesy" 'pamquant' back in 1997 (see http://pobox.com/~newt/greg_rgba.html) and finally he ripped out the cheesy file-I/O parts and replaced them with nice PNG code in December 2000. The PNG reading and writing code is a merged and slightly simplified version of readpng, readpng2, and writepng from his book "PNG: The Definitive Guide."

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1997-2002 by Greg Roelofs; based on an idea by Stefan Schneider.
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Version:  7.0

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

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

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

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

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

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

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Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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

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

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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

* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5c0f2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>
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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

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

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative
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Otherwise, if the work is a derivative of the Library, you may
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Version 3, 29 June 2007

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

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## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS = -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/\([^\()]*\)/\1.o : /g" > $@; \
[ -s $@ ] || rm -f $@' 
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/\([^\()]*\)/\1.o : /g" > $@; \
[ -s $@ ] || rm -f $@'
## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s {<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s {+F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

### 1.1615 elasticsearch 5.6.5

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1.1618 x-net 4.7.0

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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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**1.1623 at-spi2-core 2.28.0-1.el7**

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

1. [1] Takao Abe <takao_abe@xurb.jp> Clock driver for JJY receivers
2. [2] Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
3. [3] Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
5. [6] Michael Barone <michael.barone@lmco.com> GPSVME fixes
6. [7] Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8] Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9] Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10] Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11] Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12] Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
12. [13] Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
13. [14] Steve Clift <clift@ml.csiro.au> OMEGA clock driver
14. [15] Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
15. [16] Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg’s Winnt port.
17. [18] Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
18. [19] Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
19. [20] John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
20. [21] Dave Hart <davehart@davehart.com> General maintenance, Windows port interpolation rewrite
21. [22] Claas Hilbrecht <neoclock4x@linum.com> NeoClock4X clock driver
22. [23] Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
23. [24] Mike Iglesias <iglesias@uci.edu> DEC Alpha port
24. [25] Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
25. [26] Jeff Johnson <bji@chatham.usdesign.com> massive prototyping overhaul
26. [27] Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or <H.Lambermont@chello.nl> ntpsweep
27. [29] Pou1-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
28. [30] Frank Kardel [31]<kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
29. [32] William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
30. [33] Dave Katz <dkatz@cisco.com> RS/6000 AIX port
31. [34] Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
32. [35] George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
33. [36] Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
34. [37] Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
35. [38] Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance
37. [40] Wolfgang Moeller <moeller@gwdg1.dnet.gwdg.de> VMS port
38. [41] Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
39. [42] Tom Moore <tmoore@fievel.daytonoh.nrc.com> i386 svr4 port
40. [43] Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
41. [44] Derek Mulcahy <derek@toybox.demon.co.uk> and [45] Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
42. [46] Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
43. [47] Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
44. [48] Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
45. [49] Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
46. [50] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of
space on the stuff in the html/pic/ subdirectory

48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
49. [53]Michael Shields <shields@tembel.org> USNO clock driver
50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55]Harlan Stenn <harlan@pfcs.com> GNU automate/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56]Kenneth Stone <ken@sdd.hp.com> HP-UX port
53. [57]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
54. [58]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
55. [59]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

References

1. mailto:%20takao_abe@xurb.jp
2. mailto:%20mark_andrews@isc.org
3. mailto:%20altmeier@atlsoft.de
4. mailto:%20vbais@mailman1.intel.co
5. mailto:%20kirkwood@striderfm.intel.com
6. mailto:%20michael.barone@lmco.com
7. mailto:%20karl@owl.HQ.ileaf.com
8. mailto:%20greg.brackley@bigfoot.com
9. mailto:%20Marc.Brett@westgeo.com
10. mailto:%20Piete.Brooks@cl.cam.ac.uk
11. mailto:%20nelson@bolyard.me
12. mailto:%20Jean-Francois.Boudreault@viagenie.qc.ca
13. mailto:%20reg@dwf.com
14. mailto:%20c1ift@ml.csiro.au
15. mailto:casey@csc.co.za
16. mailto:%20Sven_Dietrich@trimble.COM
17. mailto:%20duwas@salt.jpl.nasa.gov
18. mailto:%20duwe@immd4.informatik.uni-erlangen.de
19. mailto:%20dennis@mrbill.canet.ca
20. mailto:%20jhay@icomtek.csir.co.za
21. mailto:%20davehart@davehart.com
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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/PemPrivateSslEngine.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/flush/package-info.java
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  jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslCertificateException.java
jar/io/netty/handler/address/package-info.java
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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/PseudoRandomFunction.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/TrustManagerFactoryWrapper.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java

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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/SniHandler.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
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  * file.org/springframework/boot/autoconfigure/ImportAutoConfigurationImportSelector.java
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/**
 * A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
 * [@link ServletWebServerFactory] bean.
This context will create, initialize and run a `WebServer` by searching for a
single `ServletWebServerFactory` bean within the `ApplicationContext`
itself. The `ServletWebServerFactory` is free to use standard Spring concepts
(such as dependency injection, lifecycle callbacks and property placeholder variables).

In addition, any `Servlet` or `Filter` beans defined in the context will be
automatically registered with the web server. In the case of a single Servlet bean, the
`/'` mapping will be used. If multiple Servlet beans are found then the lowercase bean
name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').

For more advanced configuration, the context can instead define beans that implement
the `ServletContextInitializer` interface (most often
`ServletRegistrationBean` s and/or `FilterRegistrationBean` s). To prevent
double registration, the use of `ServletContextInitializer` beans will disable
automatic Servlet and Filter bean registration.

Although this context can be used directly, most developers should consider using the
`AnnotationConfigServletWebServerApplicationContext` or
`XmlServletWebServerApplicationContext` variants.

* @author Phillip Webb
* @author Dave Syer
* @author Scott Frederick
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
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*
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<tbody>
<tr>
<td>Main Mesa code</td>
<td>src/mesa/</td>
<td>MIT</td>
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<tr>
<td>Device drivers</td>
<td>src/mesa/drivers/*</td>
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Gallium code   src/gallium/       MIT

Ext headers   GL/glext.h        Khronos
               GL/glxext.h        Khronos
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***************************************************************************
----
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include/GL/glxext.h
include/GL/wglext.h :

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1.1663 rpm 4.11.3 43.el7

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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

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1.1669 python-dateutil 1.5-7.el7

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

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

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

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1.1675 perl-file-temp 0.23.01-3.el7

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

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

    int copyFrom(InputStream in) throws IOException;
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### 1.1687 jnp-client 4.2.2.GA

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1.1688 control-center 3.28.1-6.el7

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1.1689 geo-ip 1.5.0 14.el7

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uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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

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

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

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

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<signature of Ty Coon>, 1 April 1990
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1.1690 xpp3-min 1.1.4c

1.1691 expat 2.1.0-10.el7_3.0atomix1

1.1691.1 Available under license:

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1.1692 mesa 18.3.4-6.el7_7
1.1692.1 Available under license:

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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:
> Hi Tom,
> >
> > What we meant with that is that we made an exception for clause 2.
> > Instead of clause 2, in the case of the Mesa project, you have to name
> > the technique Jimenez's MLAA in the config options of Mesa. We did that
> > just to allow them to solve license issues. This exception should be for
> > the Mesa project, and any project using Mesa, like Fedora.
> >
> > We want to widespread usage of our MLAA, so we want to avoid any kind of
> > license complications. Hope current one is good for Fedora, if not
> > please tell, and we'll see what we can do!

Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default quality”. Is this in compliance with your exception?

Thanks again,

~tom

==
Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
To: “jorge@iryoku.com” <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
*   "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options. That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.

*****

If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project

1.1693 opensaml-xacml-impl 3.3.0

1.1694 container-selinux 2.119.2-
1.911c772.el7_8

1.1694.1 Available under license:

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The End

1.1713 postgre-sql 42.2.14.jre7

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/**
 * This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP
 * support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been
 * removed.</p>
 *
 * -- Original comments follow --</p>
 *
 * Encodes and decodes to and from Base64 notation.</p>
 *
 * Change Log:
 *
 * v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience
 * methods for reading and writing to and from files.</li>
 * v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other
 * encodings (like EBCDIC).</li>
 * v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a
 * single byte.</li>
 * v2.0 - I got rid of methods that used booleans to set options. Now everything is more
 * consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed
 * and will decompress it automatically. Generally things are cleaner. You'll probably have to
 * change some method calls that you were making to support the new options format ( @code int)s
 * that you "OR" together).</li>
 * v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using
 * @code decode( String s, boolean gzipCompressed ). Added the ability to "suspend" encoding in
 * the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an
 * otherwise "normal" stream (like an XML file).</li>
 * v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when
 * using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
 * v1.4 - Added helper methods to read/write files.</li>
 * v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
 * v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last
 * buffer being read, if not completely full, was not returned.</li>
 * v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
 * v1.3.3 - Fixed I/O streams which were totally messed up.</li>
 *
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 * guarantees or warranties but with plenty of well-wishing instead! Please visit
 * a href="http://iharder.net/base64">http://iharder.net/base64</a> periodically to check for
 * updates or to contribute improvements.
* </p>
*  
* @author Robert Harder
* @author rob@iharder.net
* @version 2.1
*/

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Manifest-Version: 1.0
Implementation-Title: PostgreSQL JDBC Driver
Bundle-License: BSD-2-Clause
Implementation-Version: 42.2.14.jre7
Specification-Vendor: Oracle Corporation
Specification-Title: JDBC
Implementation-Vendor-Id: org.postgresql
Specification-Version: 4.1
Implementation-Vendor: PostgreSQL Global Development Group

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// more details.

1.1714 wildfly-elytron-tool 1.4.0.Final
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DOCUMENTATION ROADMAP

This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

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

OVERVIEW
========

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

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

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

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

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

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that you must include source code if you redistribute it. (See the file 
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part 
of any program generated from the IJG code, this does not limit you more than 
the foregoing paragraphs do.

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

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

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

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

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

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


The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead;
it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

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

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

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

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

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

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send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE
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Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

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

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

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO
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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.
In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

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

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1.1718 cpp 4.8.5-39.el7atomix1

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1.1719 zlib 1.2.8

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 * Return the web session for the current request. Always guaranteed to
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 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See \{@link WebSession\}
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* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/jsf/FacesContextUtils.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/client/AbstractClientHttpRequest.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/method/annotation/ErrorsMethodArgumentResolver.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/client/HttpServerErrorException.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/bind/support/ConfigurableWebBindingInitializer.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/filter/AbstractRequestLoggingFilter.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/codec/support/BaseCodecConfigurer.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/util/ServletContextPropertyUtils.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/reactive/ServerHttpRequestDecorator.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/handler/DefaultWebFilterChain.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/context/support/StandardServletEnvironment.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/converter/ResourceHttpMessageConverter.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/reactive/TomcatHttpHandlerAdapter.java
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
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jar/org/springframework/web/util/UriTemplateHandler.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/web/context/request/async/DeferredResultInterceptorChain.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/http/client/reactive/ReactorClientHttpConnector.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/web/server/DefaultPathContainer.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/http/server/DefaultServerHttpRequestBuilder.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/http/server/reactive/TomcatHeadersAdapter.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/web/server/ServerErrorException.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/http/client/reactive/ClientHttpResponseDecorator.java
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
jar/org/springframework/web/method/annotation/AbstractCookieValueMethodArgumentResolver.java

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Open Source Used In Data Center Network Manager 11.5(1) 14071
jar/org/springframework/web/method/annotation/ModelAttributeMethodProcessor.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/reactive/ReactorServerHttpRequest.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/WebApplicationInitializer.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/DefaultRequestPath.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/bind/ServletRequestParameterPropertyValues.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/context/support/ServletContextResource.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/http/server/handler/WebHandlerDecorator.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/server/handler/WebHandlerDecorator.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/server/adapter/AbstractReactiveWebInitializer.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/server/adapter/AbstractReactiveWebInitializer.java  
* /opt/cola/permits/110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1.jar/org/springframework/web/server/adapter/AbstractReactiveWebInitializer.java  
No license file was found, but licenses were detected in source scan.

# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
The table below contains both registered and (common) unregistered types. A type that has no unique extension can be ignored -- they are listed here to guide configurations toward known types and to make it easier to identify "new" types. File extensions are also commonly used to indicate content languages and encodings, so choose them carefully.

Internet media types should be registered as described in RFC 4288. The registry is at <http://www.iana.org/assignments/media-types/>.

This file was retrieved from https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1752884&view=co

# MIME type (lowercased)Extensions
# ================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
application/atom+xml
application/atom+xml
application/atomcat+xml
application/atomdeleted+xml
application/atomic+xml
application/atomsvc+xml
application/axml
# application/auth-policy+xml
# application/bacnet-xdd+xml
# application/batch-smtp
# application/beep+xml
# application/calendar+xml
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml				ccxml
# application/cdfx+xml
application/cdmi-capabilitycdmia
application/cdmi-containercdmic
application/cdmi-domaincdmid
application/cdmi-objectcdmio
application/cdmi-queuecdmiq
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+json
# application/commonground
# application/conference-info+xml
# application/cpl+xml
# application/eaattrs
# application/csta+xml
# application/csvmdatat+xmld
# application/ctml+xml
application/cu-seeme
cu
# application/cybercash
# application/dash+xml
# application/dashdelta
application/davmount+xmldavmount
# application/dca-rft
# application/dcd
# application/dec-dx
# application/dialog-info+xml
# application/dicom
# application/dii
# application/dit
# application/dns
application/docbook+xmldbk
# application/dskpp+xml
application/dssc+derdssc
application/dssc+xmldsssc
# application/dvcs
application/ecmascriptecma
# application/edi-consent
# application/edi-x12
# application/edifact
# application/efi
# application/emergencycalldata.comment+xml
# application/emergencycalldata.deviceinfo+xml
# application/emergencycalldata.providerinfo+xml
# application/emergencycalldata.serviceinfo+xml
# application/emergencycalldata.subscriberinfo+xml
application/emma+xml
# application/emotionml+xml
# application/encaprtp
# application/epp+xml
application/epub+zip
# application/eshop
# application/example
application/exiexi
# application/fastinfoset
# application/fastsoap
# application/fdt+xml
# application/fits
# application/font-sfnt
application/font-tdpfrpfr
application/font-woffwoff
# application/framework-attributes+xml
# application/geo+json
application/gml+xml
application/gpx+xml
application/gxf
# application/gzip
# application/h224
# application/held+xml
# application/http
application/hyperstudiosk
# application/ibe-key-request+xml
# application/ibe-pkg-reply+xml
# application/ibe-pp-data
# application/iges
# application/im-iscomposing+xml
# application/index
# application/index.cmd
# application/index.obj
# application/index.response
# application/index.vnd
application/inkml+xml
# application/iotp
application/ipfix
# application/ipp
# application/isup
# application/its+xml
application/java-archive
application/java-serialized-object
application/java-vmclass
application/javascript
# application/jose
# application/jose+json
# application/jrd+json
application/json
# application/json-patch+json
# application/json-seq
application/jsonml+json
# application/jwk+json
# application/jwk-set+json
# application/jwt
# application/kpml-request+xml
# application/kpml-response+xml
# application/lgr+xml
# application/load-control+xml
application/lost+xml
# application/lostsync+xml
# application/lxf
application/mac-binhex40
application/mac-compactproct
# application/macwriteii
application/mads+xml
application/marc
application/marcxml+xml
# application/marcmrc
application/mathematica
application/mathml+xml
# application/mathml-content+xml
# application/mathml-presentation+xml
# application/mbms-associated-procedure-description+xml
# application/mbms-deregister+xml
# application/mbms-envelope+xml
# application/mbms-msk+xml
# application/mbms-msk-response+xml
# application/mbms-protection-description+xml
# application/mbms-reception-report+xml
# application/mbms-register+xml
# application/mbms-register-response+xml
# application/mbms-schedule+xml
# application/mbms-user-service-description+xml
application/mbox
# application/media-policy-dataset+xml
# application/media-control+xml
application/mediaservercontrol+xml
# application/merge-patch+json
# application/vnd.fujixerox.art-ex
# application/vnd.fujixerox.art4
application/vnd.fujixerox.dddddd
application/vnd.fujixerox.docuworksdw
application/vnd.fujixerox.docuworks.binderxbd
# application/vnd.fujixerox.docuworks.container
# application/vnd.fujixerox.hbpl
# application/vnd.genomatix.tuxedotxd
# application/vnd.geo+json
# application/vnd.geocube+xml
application/vnd.geogebra.fileggb
application/vnd.geogebra.toolggt
application/vnd.geometry-explorergex gre
application/vnd.geonextgxt
application/vnd.geoplan2w
application/vnd.geospaceg3w
# application/vnd.gerber
# application/vnd.globalplatform.card-content-mgt
# application/vnd.globalplatform.card-content-mgt-response
application/vnd.gmx
application/vnd.google-earth.kml+xml
application/vnd.google-earth.kmz
# application/vnd.gov.sk.e-form+xml
# application/vnd.gov.sk.e-form+zip
# application/vnd.gov.sk.xmldatacontainer+xml
application/vnd.grafeqgqf gqs
# application/vnd.gridmp
application/vnd.groove-accountgac
application/vnd.groove-helpghf
application/vnd.groove-identity-messagegim
application/vnd.groove-injectorgrv
application/vnd.groove-tool-messagegtm
application/vnd.groove-tool-templategpl
application/vnd.groove-vcardvcg
# application/vnd.hal+json
application/vnd.hal+xmlhal
application/vnd.handheld-entertainment+xmlzmm
application/vnd.hbcihbci
# application/vnd.hcl-bireports
# application/vnd.hdt
# application/vnd.heroku+json
application/vnd.hhe.lesson-playerles
application/vnd.hp-hpglhpgl
application/vnd.hp-hpidhpid
application/vnd.hp-hps
application/vnd.hp-jlytjlt
application/vnd.hp-pclpel
application/vnd.hp-pclxlpclxl
# application/vnd.httphone
application/vnd.hydrostatix.sof-data-sof-data-hdstx
# application/vnd.hyperdrivejson
# application/vnd.hzn-3d-crossword
# application/vnd.ibm.electronic-media
application/vnd.ibm.minipay
application/vnd.ibm.modcap		afp listafp list3820
application/vnd.ibm.rights-management
application/vnd.ibm.secure-container
application/vnd.iccprofile		icc icm
# application/vnd.ieee.1905
application/vnd.igloader
application/vnd.immervision-ivp
application/vnd.immervision-ivu
# application/vnd.ims.imscv1p1
# application/vnd.ims.imscv1p2
# application/vnd.ims.imscv1p3
# application/vnd.ims.lis.v2.result+json
# application/vnd.ims.lti.v2.toolconsumerprofile+json
# application/vnd.ims.lti.v2.toolproxy+json
# application/vnd.ims.lti.v2.toolproxy.id+json
# application/vnd.ims.lti.v2.toolsettings+json
# application/vnd.ims.lti.v2.toolsettings.simple+json
# application/vnd.informedcontrol.rms+xml
# application/vnd.informix-visionary
# application/vnd.infotech.project
# application/vnd.infotech.project+xml
# application/vnd.innopath.wamp.notification
application/vnd.insors.igm
application/vnd.intercon.formnet
application/vnd.intergeo
# application/vnd.intertrust.digibox
# application/vnd.intertrust.nncp
application/vnd.intu.qboqbqbo
application/vnd.intu.qfxqfx
# application/vnd.iptc.g2.catalogitem+xml
# application/vnd.iptc.g2.conceptitem+xml
# application/vnd.iptc.g2.knowledgeitem+xml
# application/vnd.iptc.g2.newsitem+xml
# application/vnd.iptc.g2.newsmessage+xml
# application/vnd.iptc.g2.packageitem+xml
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application/vnd.irepository.package+xml
application/vnd.is-xprxpr
# application/vnd.oipf.mippvcontrolmessage+xml
# application/vnd.oipf.pae.gem
# application/vnd.oipf.spdiscovery+xml
# application/vnd.oipf.spdlist+xml
# application/vnd.oipf.ueprofile+xml
# application/vnd.oipf.userprofile+xml
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# application/vnd.oma-scws-config
# application/vnd.oma-scws-http-request
# application/vnd.oma-scws-http-response
# application/vnd.oma.bcast.associated-procedure-parameter+xml
# application/vnd.oma.bcast.drm-trigger+xml
# application/vnd.oma.bcast.imd+xml
# application/vnd.oma.bcast.ltkm
# application/vnd.oma.bcast.notification+xml
# application/vnd.oma.bcast.provisioningtrigger
# application/vnd.oma.bcast.sgboot
# application/vnd.oma.bcast.sgdd+xml
# application/vnd.oma.bcast.sgdu
# application/vnd.oma.bcast.simple-symbol-container
# application/vnd.oma.bcast.smartcard-trigger+xml
# application/vnd.oma.bcast.sprov+xml
# application/vnd.oma.bcast.stkm
# application/vnd.oma.cab-address-book+xml
# application/vnd.oma.cab-feature-handler+xml
# application/vnd.oma.cab-pcc+xml
# application/vnd.oma.cab-sub-invite+xml
# application/vnd.oma.cab-user-prefs+xml
# application/vnd.oma.dcd
# application/vnd.oma.dcde
application/vnd.oma.dd2+xml
# application/vnd.oma.drm.risd+xml
# application/vnd.oma.group-usage-list+xml
# application/vnd.oma.lwm2m+json
# application/vnd.oma.lwm2m+tlv
# application/vnd.oma.pal+xml
# application/vnd.oma.poc.detailed-progress-report+xml
# application/vnd.oma.poc.final-report+xml
# application/vnd.oma.poc.groups+xml
# application/vnd.oma.poc.invocation-descriptor+xml
# application/vnd.oma.poc.optimized-progress-report+xml
# application/vnd.oma.push
# application/vnd.oma.scidm.messages+xml
# application/vnd.oma.xcap-directory+xml
# application/vnd.omads-email+xml
# application/vnd.omads-file+xml
# application/vnd.omads-folder+xml
# application/vnd.omaloc-supl-init
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# application/vnd.street-stream
# application/vnd.sun.wadl+xml
application/vnd.sun.xml.calc	sx
application/vnd.sun.xml.calc.template	stc
application/vnd.sun.xml.draw	sx
application/vnd.sun.xml.draw.templatestd
tdx
application/vnd.sun.xml.impress	sx
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application/vnd.sun.xml.writer.templatestw
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# application/vnd.synccml.dmdf+wbxml
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tcap cap dmp
# application/vnd.tmd.mediaflex.api+xml
# application/vnd.tml
application/vnd.tmobile-livetvproto
application/vnd.trid.tpttpt
tpttpt
application/vnd.triscape.mxs+xmx
application/vnd.trueapptra
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application/vnd.uiq.themeetz
application/vnd.umajinumj
application/vnd.unityunityweb
application/vnd.uml+xmluml
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# application/vnd.uplanet.alert-wbxml
# application/vnd.uplanet.bearer-choice
# application/vnd.uplanet.bearer-choice-wbxml
# application/vnd.uplanet.cacheop
# application/vnd.uplanet.cacheop-wbxml
# application/vnd.uplanet.channel
# application/vnd.uplanet.channel-wbxml
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application/x-doomwad
application/x-dtbncx+xmlncx
application/x-dtbook+xmlldbl
application/x-dthresource+xmllres
application/x-dvidvi
application/x-envoyevy
application/x-eavaev
application/x-font-bdf
application/x-font-bdf
application/x-font-dos
application/x-font-framemaker
application/x-font-ghostscript
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application/x-font-snf
application/x-font-speedo
application/x-font-sunos-news
application/x-font-ttf ttc
application/x-font-type1 pfa pfb pfm afm
application/x-font-vfont
application/x-freeararc
application/x-futuresplash
application/x-gca-compressedgca
application/x-glulx
application/x-gnumeric
application/x-gramps+xmllgramps
application/x-gtar
application/x-gramps+xmllgramps
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application/x-hdf
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application/x-msaccessmdb
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application/x-mscardfilecrd
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# application/x-cap-ns+xml
# application/x-conference-info+xml
# application/x-conference-info-diff+xml
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# application/xhtml-voice+xml
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# application/xmpp+xml
application/xop+xml
application/xproc+xml
application/xslt+xml
application/xspf+xml
application/xv+xml
application/zip
# application/zlib
# audio/1d-interleaved-parityfec
# audio/32kadpcm
# audio/3gpp
# audio/3gpp2
# audio/ac3
audio/adpcm
# audio/amr
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# audio/aptx
# audio/asc
# audio/atrac-advanced-lossless
# audio/atrac-x
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# audio/mpg4-generic
# audio/musepack
audio/oggoga ogg spx
# audio/opus
# audio/parityfec
# audio/pcma
# audio/pcma-wb
# audio/pcm
# audio/pcm-wb
# audio/prs.sid
# audio/qcelp
# audio/raptorfec
# audio/red
# audio/rtp-enc-aescm128
# audio/rtp-midi
# audio/rtploopback
# audio/rtx
audio/s3ms3m
audio/silksil
# audio/smv
# audio/smv-qcp
# audio/smv0
# audio/sp-midi
# audio/speex
# audio/t140c
# audio/t38
# audio/telephone-event
# audio/tone
# audio/uemclip
# audio/ulpfec
# audio/vdvi
# audio/vmr-wb
# audio/vnd.3gpp.iufp
# audio/vnd.4sb
# audio/vnd.audiokoz
# audio/vnd.celp
# audio/vnd.cisco.nse
# audio/vnd.cmles.radio-events
# audio/vnd.cns.anp1
# audio/vnd.cns.inf1
audio/vnd.dece.audiouva uvva
audio/vnd.digital-windseol
# audio/vnd.dlna.adts
# audio/vnd.dolby.heaac.1
# audio/vnd.dolby.heaac.2
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- model/gltf+json
- model/iges
- model/mesh
- model/vnd.collada+xml
- model/vnd.dwf
- model/vnd.flatland.3dml
- model/vnd.gdl
- model/vnd.gs-gdl
- model/vnd.moml+xml
- model/vnd.mts
- model/vnd.opengex
- model/vnd.parasolid.transmit.binary
- model/vnd.parasolid.transmit.text
- model/vnd.rosette.annotated-data-model
- model/vnd.valve.source.compiled-map
- model/vnd.vtu
- model/vrml
- model/x3d+binary
- model/x3d+fastinfoset
- model/x3d+vrml
- model/x3d+xml
- multipart/alternative
- multipart/appledouble
- multipart/byteranges
- multipart/digest
- multipart/encrypted
- multipart/example
- multipart/form-data
- multipart/header-set
- multipart/mixed
- multipart/parallel
- multipart/related
- multipart/report
- multipart/signed
- multipart/voice-message
- multipart/x-mixed-replace
- text/1d-interleaved-parityfec
- text/cache-manifest
- text/calendar
- text/css
- text/csv
- text/csv-schema
- text/directory
- text/dns
- text/ecmascript
video/jpegjpgv
# video/jpeg2000
video/jpmjpm jpgm
video/mj2mj2 mjp2
# video/mp1s
# video/mp2p
# video/mp2t
video/mp4mp4 mp4v mpg4
# video/mp4v-es
video/mpegmpeg mpg mpe m1v m2v
# video/mpeg4-generic
# video/mpv
# video/nv
video/oggogv
# video/parityfec
# video(pointer)
video/quicktimeqt mov
# video/raptorfec
# video/raw
# video/rtp-enc-aescm128
# video/rtploopback
# video/rtx
# video/smpte292m
# video/ulpfec
# video/vcl
# video/vnd.cctv
video/vnd.dece.hdvh uvvh
video/vnd.dece.mobileuvuvm uvvm
# video/vnd.dece.mp4
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video/vnd.dece.sduvs uvvs
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# video/vnd.directv.mpeg-tts
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# video/vnd.hns.video
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# video/vnd.iptvforum.1dparityfec-2005
# video/vnd.iptvforum.2dparityfec-1010
# video/vnd.iptvforum.2dparityfec-2005
# video/vnd.iptvforum.ttsavc
# video/vnd.iptvforum.tsmpeg2
# video/vnd.motorola.video
# video/vnd.motorola.videop
video/vnd.mpegurlmxu m4u
video/vnd.ms-playready.media.pyvpyv

Open Source Used In Data Center Network Manager 11.5(1) 14115
# video/vnd.nokia.interleaved-multimedia
# video/vnd.nokia.videovoip
# video/vnd.objectvideo
# video/vnd.radgametools.bink
# video/vnd.radgametools.smacker
# video/vnd.sealed.mpeg1
# video/vnd.sealed.mpeg4
# video/vnd.sealed.swf
# video/vnd.sealedmedia.softseal.mov
video/vnd.uvvu.mp4uvu uvvu
video/vnd.vivoviv
# video/vp8
video/webmwebm
video/x-f4vf4v
video/x-flifli
video/x-flvflv
video/x-m4vm4v
video/x-matroskamkv mk3d mks
video/x-mngmng
video/x-ms-asfasf asx
video/x-ms-vobvob
video/x-ms-wmmw
video/x-ms-wmvwmv
video/x-ms-wmxwmx
video/x-ms-wvxwvx
video/x-msvideoavi
video/x-sgi-moviemovie
video/x-smvsmv
x-conference/x-cooltalkice

Found in path(s):
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-
  jar/org/springframework/http/mime.types

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Found in path(s):
* /opt/cola/permits/1110675632_1606843677.44/0/spring-web-5-1-4-release-sources-1-jar/org/springframework/web/context/support/ServletContextResourceLoader.java

1.1722 google-http-client-jackson 1.22.0

1.1723 jetty-util 9.3.9.v20160517

1.1724 libgnomekbd 3.26.0-3.el7
1.1724.1 Available under license:

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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1.1725 openSaml-soap-impl 3.3.0

1.1726 classmate 1.3.4

1.1726.1 Available under license :
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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

1.1727 postgresql-jdbc 9.4.1211.jre7
**1.1727.1 Available under license:**

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```java
/**
 * This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been removed.
 * -- Original comments follow --
 *
 * Encodes and decodes to and from Base64 notation.
 *
 * Change Log:
 * </p>
 * <ul>
 * <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.</li>
 * <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).</li>
 * <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.</li>
 * <li>v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (<tt>int</tt>s that you "OR" together).</li>
 * <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using <tt>decode(String s, boolean gzipCompressed)</tt>. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).</li>
 * <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
 * <li>v1.4 - Added helper methods to read/write files.</li>
 * <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
 * <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.</li>
 * <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
 * <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
 * </ul>

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*/
```
* @author Robert Harder
* @author rob@iharder.net
* @version 2.1
*/

Found in path(s):
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/util/Base64.java
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Found in path(s):
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/ru.po
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Found in path(s):
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/zh_TW.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/ja.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/pl.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/pt_BR.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/it.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/nl.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/de.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/fr.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/sr.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/zh_CN.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/es.po
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-
jar/org/postgresql/translation/bg.po
No license file was found, but licenses were detected in source scan.

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// more details.

Found in path(s):
* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-jar/org/postgresql/Driver.java

\[1.1728 \text{ pango 1.42.4 4.el7_7}\]

\[1.1728.1 \text{ Available under license :} \]

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2.1.2.RELEASE

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1.1732 dc 1.3

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Found in path(s):
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/Example-Swift/ViewController.swift
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/Example-Swift/AppDelegate.swift
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/Example-SwiftTests/Example_SwiftTests.swift
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/Example-Swift-Bridging-Header.h
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* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Pods/Target Support Files/Pods/Pods-acknowledgements.plist
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* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/BarButtonItemViewController.h
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Pod::Spec.new do |
  s.name = "DCPathButton"
  s.version = "2.1.1"
  s.summary = " A beautiful button copy from Path® "
  
  s.description = <<-DESC
DCPathButton is a menu button, design by an famous App Path®. Since Path® 4.0, it return to use a tab bar instead of a side bar, and also change the menu button. So I try to implement it and then the DCPathButton born :) 
DESC

  s.homepage = "https://github.com/Tangdixi/DCPathButton"
  s.license = {
    :type => 'MIT',
    :text => 'The DCPathButton use the MIT license'}
  
end
s.author             = { "Tangdixi" => "Tangdixi@gmail.com" }

s.platform     = :ios, '7.0'

s.source       = {
    :git => "https://github.com/Tangdixi/DCPathButton.git",
    :tag => "2.1.1"
}

s.source_files  = 'DCPathButton/Classes/*.{h,m}'

s.resources  = ['DCPathButton/Sounds/*']

s.frameworks = 'QuartzCore','AudioToolbox'

s.requires_arc = true

end

Found in path(s):
* /opt/cola/permits/1000748847_1607109746.66/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
  DCPathButton-39be410/DCPathButton.podspec

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# Acknowledgements
This application makes use of the following third party libraries:

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  DCPathButton-39be410/Example/Pods/Target Support Files/Pods/Pods-acknowledgements.markdown

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1.1733 jackson-dataformat-yaml 2.9.9

1.1733.1 Available under license:

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.1734 ipvsadm 1.27-8.el7
1.1734.1 Available under license:

ipvsadm - Version 1.14 - 11th January 2001

This is free software. See below for details.

ipvsadm is a utility to administer the IP virtual server services offered by the Linux kernel with IP virtual server support.

This version of ipvsadm requires IPVS module v0.0.5 for kernel 2.4 or later. Check out the Linux Virtual Server Project home page on the World Wide Web:
http://www.LinuxVirtualServer.org/
or
http://www.Linux-VS.org/
for the most recent information and original sources about ipvsadm.

To make, make sure your Linux kernel is already patched with IPVS and "make menuconfig" or "make xconfig" to setup the right compiling options, see the README of the virtual server patch for detail, then simply type make in the source directory.

Install to your liking. We suggest the following pathnames:
/sbin/ipvsadm
/usr/man/man8/ipvsadm.8
This will be done automatically when calling make install in the source directory.

Wensong Zhang <wensong@linuxvirtualserver.org>

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--------------------------------------------------------------------

1.1735 wildfly-weld 14.0.1.Final
1.1735.1 Available under license :

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1.1738 avro 1.7.6

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```
@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:

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May 22, 2015

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The snowball stemmers in
analysis/common/src/java/net/sf/snowball
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The KStem stemmer in
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analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
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mecab-ipadic-2.7.0-20070801

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### Jdom-contrib version 1.1.3

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1.1747 jboss-jms-api 1.0.2.Final

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### 1.1755 jersey-common 2.22.2

### 1.1756 libisofs 1.2.8-4.el7

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Vreixo Formoso <metalpain2002@yahoo.es>,
Mario Danic <mario.danic@gmail.com>,
Thomas Schmitt <scdbackup@gmx.net>

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1.1759 pygpgme 0.3-9.el7

1.1760 atmosphere-runtime 2.3.6
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1.1761 wildfly-domain-http-interface

6.0.2.Final

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DomainApiGenericOperationHandler(ModelController modelController) {'}
1.1762 resteasy-jax-rs 3.6.1.Final

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* /opt/cola/permits/1110677246_1606843651.0/0/resteasy-jaxrs-3-6-1-final-sources-2-jar/org/jboss/resteasy/util/PortProvider.java

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/**
 * <p>Encodes and decodes to and from Base64 notation.</p>
 * <p>Homepage: &lt;a href="http://iharder.net/base64">http://iharder.net/base64</a&gt;.</p>
 * <p>Example:</p>
 * <pre>
 * String encoded = Base64.encode( myByteArray );</pre>
 * <pre>
 * byte[] myByteArray = Base64.decode( encoded );</pre>
 * <p>The &lt;tt&gt;options&lt;/tt&gt; parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes( bytes, options ) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds,
 * and encoding using the URL-safe and Ordered dialects.</p>
Note, according to a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>, Section 2.1, implementations should not add line feeds unless explicitly told to do so. I've got Base64 set to this behavior now, although earlier versions broke lines by default.

The constants defined in Base64 can be OR-ed together to combine options, so you might make a call like this:

```java
String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );
```

Also...

String encoded = Base64.encodeBytes( crazyString.getBytes() );

Change Log:

- v2.3.7 - Fixed subtle bug when base 64 input stream contained the value 01111111, which is an invalid base 64 character but should not throw an ArrayIndexOutOfBoundsException either. Led to discovery of mishandling (or potential for better handling) of other bad input characters. You should now get an IOException if you try decoding something that has bad characters in it.

- v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded string ended in the last column; the buffer was not properly shrunk and contained an extra (null) byte that made it into the string.

- v2.3.5 - Fixed bug in @link #encodeFromfile where estimated buffer size was wrong for files of size 31, 34, and 37 bytes.

- v2.3.4 - Fixed bug when working with gzipped streams whereby flushing the Base64.OutputStream closed the Base64 encoding (by padding with equals signs) too soon. Also added an option to suppress the automatic decoding of gzipped streams. Also added experimental support for specifying a class loader when using the `@link #decodeToObject(java.lang.String, int, java.lang.ClassLoader)` method.

- v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly inline.

- v2.3.2 - Reduced memory footprint! Finally refined the “guessing” of how big the final encoded data will be so that the code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using the `@link #encodeBytesToBytes(byte[])` family of methods (and not using the gzip options which uses a different mechanism with streams and stuff).

- v2.3.1 - Added `@link #encodeBytesToBytes(byte[], int, int, int)` and some similar helper methods to be more efficient with memory by not returning a String but just a byte array.

- v2.3 - This is not a drop-in replacement! This is two years of comments and bug fixes queued up and finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else.
* Much bad coding was cleaned up including throwing exceptions where necessary
* instead of returning null values or something similar. Here are some changes
* that may affect you:

  * <ul>
    * <li><em>Does not break lines, by default.</em> This is to keep in compliance with
      * 
    * <li><em>Throws exceptions instead of returning null values.</em> Because some operations
      * (especially those that may permit the GZIP option) use IO streams, there
      * is a possibility of an java.io.IOException being thrown. After some discussion and
      * thought, I've changed the behavior of the methods to throw java.io.IOExceptions
      * rather than return null if ever there's an error. I think this is more
      * appropriate, though it will require some changes to your code. Sorry,
      * it should have been done this way to begin with.</li>
    * <li><em>Removed all references to System.out, System.err, and the like.</em>
      * Shame on me. All I can say is sorry they were ever there.</li>
    * <li><em>Throws NullPointerExceptions and IllegalArgumentExceptions</em> as needed
      * such as when passed arrays are null or offsets are invalid.</li>
    * <li>Cleaned up as much javadoc as I could to avoid any javadoc warnings.
      * This was especially annoying before for people who were thorough in their
      * own projects and then had gobs of javadoc warnings on this file.</li>
  * </ul>

* v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
* when using very small files (~&lt; 40 bytes).
* v2.2 - Added some helper methods for encoding/decoding directly from
* one file to the next. Also added a main() method to support command line
* encoding/decoding from one file to the next. Also added these Base64 dialects:
  * <ol>
    * <li>The default is RFC3548 format.</li>
    * <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates
      * URL and file name friendly format as described in Section 4 of RFC3548.
    * <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates
      * URL and file name friendly format that preserves lexical ordering as described
  * </ol>

* Special thanks to Jim Kellerman at <a href="http://www.powerset.com/">http://www.powerset.com/</a>
* for contributing the new Base64 dialects.

* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
* some convenience methods for reading and writing to and from files.
* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
* with other encodings (like EBCDIC).
* v2.0.1 - Fixed an error when decoding a single byte, that is, when the
* encoded data was a single byte.
* v2.0 - I got rid of methods that used booleans to set options.
* Now everything is more consolidated and cleaner. The code now detects
* when data that's being decoded is gzip-compressed and will decompress it
* automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new 
  * options format (<tt>int</tt>s that you "OR" together).<tt></li>
* v1.5.1 - Fixed bug when decompressing and decoding to a 
  * byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>. 
  * Added the ability to "suspend" encoding in the Output Stream so 
  * you can turn on and off the encoding if you need to embed base64 
  * data in an otherwise "normal" stream (like an XML file).<tt></li>
* v1.5 - Output stream passes on flush() command but doesn't do anything itself. 
  * This helps when using GZIP streams. 
* v1.4 - Added helper methods to read/write files.<tt></li>
* v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.<tt></li>
* v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream 
  * where last buffer being read, if not completely full, was not returned.<tt></li>
* v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.<tt></li>
* v1.3.3 - Fixed I/O streams which were totally messed up.<tt></li>
* </ul>

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* Please visit <a href="http://iharder.net/base64">http://iharder.net/base64</a>
* periodically to check for updates or to contribute improvements.
* 
* @author Robert Harder
* @author rob@iharder.net
* @version 2.3.7
*/

Found in path(s):
* /opt/cola/permits/1110677246_1606843651.0/0/resteasy-jaxrs-3-6-1-final-sources-2-
  jar/org/jboss/resteasy/util/Base64.java
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* by the Resteasy runtime and wrapped with an instance of WriterException.
*
* If you want to have special exception handling for exceptions thrown by MessageBodyWriters and their 
* interceptors, then write an exception
* mapper for WriterException.
*
* Also, you may extend this class and throw instances of it from your MessageBodyWriters (and interceptors)
*
* @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
* @version $Revision: 1 $
/**
 * Any exception thrown by a MessageBodyReader chain that is not an instance of a ReaderException is caught internally
 * by the Resteasy runtime and wrapped with an instance of ReaderException.
 * 
 * If you want to have special exception handling for exceptions thrown by MessageBodyReaders, then write an exception
 * mapper for ReaderException.
 * 
 * Also, you may extend this class and throw instances of it from your MessageBodyReaders (and interceptors)
 * 
 * @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
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1.1764 jersey-container-servlet-core 2.27

1.1765 jackson-module-jaxb-annotations 2.9.5

1.1766 stax 1.2.0

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  jar/com/bea/xml/stream/events/CharactersEvent.java
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@import url("./css/maven-theme.css");
@import url("./css/site.css");
</style>
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</head>
<body>
Open Source Used In Data Center Network Manager 11.5(1) 14565

Last Published: 2008-03-31

| [Apache](http://www.apache.org/) &gt; [Logging Services](http://logging.apache.org/) &gt; log4cxx

</div>
</div>
</div>
</div>
</body>
</html>
<h5>Get log4cxx</h5>
<ul>
<li class="none">
<a href="download.html">Download</a>
</li>
<li class="none">
<a href="changes-report.html">Changes</a>
</li>
<li class="none">
<strong>License</strong>
</li>
</ul>
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</li>
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<a href="apidocs/index.html">API Documentation</a>
</li>
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</ul>
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<ul>
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</ul>
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</li>
</ul>

<h5>Development</h5>
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            </li>
            <li class="none">
                <a href="building/ant.html">Apache Ant</a>
            </li>
            <li class="none">
                <a href="building/maven.html">Apache Maven 2</a>
            </li>
            <li class="none">
                <a href="building/vstudio.html">Microsoft Visual Studio</a>
            </li>
            <li class="none">
                <a href="building/xcode.html">Apple Xcode</a>
            </li>
        </ul>
    </li>
</ul>
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1.1787 jzlib 1.1.3

1.1788 spring-context 4.0.2.RELEASE
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/**
 * Indicates that a component is only eligible for registration when all
 * [
 * @linkplain #value() specified conditions] match.
 * *
 * <p>A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see [ @link Condition] for details).
 * *
 * <p>The [@code @Conditional] annotation may be used in any of the following ways:
 * <ul>
 * <li>as a type-level annotation on any class directly or indirectly annotated with
 * [@code @Component], including [@link Configuration @Configuration] classes</li>
 * <li>as a meta-annotation, for the purpose of composing custom stereotype
 * annotations</li>
 * <li>as a method-level annotation on any [@link Bean @Bean] method</li>
 * </ul>
 * *
 * <p>If a [@code @Configuration] class is marked with [@code @Conditional], all of the
 * [@code @Bean] methods and [@link Import @Import] annotations associated with that class
 * will be subject to the conditions.
 * *
 * <p>NOTE: [@code @Conditional] annotations are not inherited; any conditions from
* superclasses or from overridden methods are not being considered.
* @author Phillip Webb
* @since 4.0
* @see Condition
*/

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/**
 * @link FactoryBean] that obtains a WebSphere [link javax.management.MBeanServer]
 * reference through WebSphere's proprietary [code AdminServiceFactory] API,
 * available on WebSphere 5.1 and higher.
 * 
 * <p>Exposes the [code MBeanServer] for bean references.
 * This FactoryBean is a direct alternative to [link MBeanServerFactoryBean],

which uses standard JMX 1.2 API to access the platform's MBeanServer.


@since 2.0.3
@see javax.management.MBeanServer
@see MBeanServerFactoryBean
*/

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  jar/org/springframework/context/annotation/BeanMethod.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/context/annotation/Role.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/jndi/JndiPropertySource.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/context/EnvironmentAware.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/context/MessageSourceAware.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/context/config/LoadTimeWeaverBeanDefinitionParser.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
  jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
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jar/org/springframework/validation/MapBindingResult.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
jar/org/springframework/instrument/classloading/SimpleThrowawayClassLoader.java
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jar/org/springframework/jmx/export/assembler/AbstractConfigurableMBeanInfoAssembler.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
jar/org/springframework/remoting/RemoteAccessException.java
* /opt/cola/permits/1110677017_1606843274.93/0/spring-context-4-0-2-release-sources-1-
jar/org/springframework/validation/DirectFieldBindingResult.java

1.1789 netty-resolver 4.1.53.Final

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Found in path(s):
* /opt/cola/permits/1104729278_1604648857.36/0/netty-resolver-4.1.53-final-jar/META-INF/maven/io.netty/netty-resolver/pom.xml

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Manifest-Version: 1.0
Implementation-Title: Netty/Resolver
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
Automatic-Module-Name: io.netty.resolver
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.resolver
Implementation-Version: 4.1.53.Final
Built-By: root
Bnd-LastModified: 1602570792769
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.util;version="[4.1,5)";io.netty.util.concurrent;version="[4.1,5)";io.netty.util.internal;version="[4.1,5)";io.netty.util.internal.logging;version="[4.1,5)";sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter="(&osgi.ee=JavaSE)(version=1.6)"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.resolver;uses="io.netty.util.concurrent";version="4.1.53"
Bundle-Name: Netty/Resolver
Bundle-Version: 4.1.53.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-resolver/
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inbot-utils (https://github.com/Inbot/inbot-utils)

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1.1807 spring-boot-starter 2.1.8.RELEASE

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* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4-0-sources-1-jar/com/github/difflib/algorithm/jgit/HistogramDiff.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4-0-sources-1-jar/com/github/difflib/UnifiedDiffUtils.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4-0-sources-1-jar/com/github/difflib/patch/DeltaType.java
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jar/com/github/difflib/algorithmdiffAlgorithmListener.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/algorithmdiffAlgorithmI.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/patch/AbstractDelta.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/algorithm/ChangeDelta.java
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jar/com/github/difflib/patch/DiffException.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/text/DiffRowGenerator.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/patch/ChangeDelta.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/algorithm/ChangeDelta.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/algorithm/DiffRowGenerator.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4.0-sources-1-
jar/com/github/difflib/patch/InsertDelta.java
1.1809 spring-web 4.0.2.RELEASE

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 * /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/support/WebBindingInitializer.java
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ar/jar/org/springframework/http/converter/HttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/web/context/support/ServletContextResourceLoader.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/json/package-info.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/xml/AbstractXmlHttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/feed/AtomFeedHttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/HttpInputMessage.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/HttpOutputMessage.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/package-info.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/feed/RssChannelHttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
ar/jar/org/springframework/http/converter/xml/package-info.java
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  jar/org/springframework/web/filter/ServletContextRequestLoggingFilter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
  jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-
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  jar/org/springframework/http/HttpRequest.java
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  jar/org/springframework/http/client/AbstractBufferingClientHttpRequest.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/method/HandlerMethodSelector.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/RequestMapping.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/SpringServletContainerInitializer.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpRequestFactory.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/ExceptionHandler.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpResponse.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/method/annotation/RequestParamMethodArgumentResolver.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/ResponseBody.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/ExceptionAttributes.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/RequestMappingServlet.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/RequestBody.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/RequestBodyAttribute.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/method/annotation/RequestHeaderMapMethodArgumentResolver.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/context/request/HttpRequestHandler.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/multipart/support/DefaultMultipartHttpServletRequest.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/context/request/RequestHeaderMapMethodArgumentResolver.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/bind/annotation/support/HandlerMethodResolver.java

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jar/org/springframework/web/bind/ServletRequestBindingException.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources.jar/org/springframework/web/context/AbstractContextLoaderInitializer.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/client/ResponseExtractor.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/web/client/RequestCallback.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/remoting/jaxws/SimpleJaxWsServiceExporter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/http/client/ClientHttpRequestFactory.java
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* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java
* /opt/ws_local/PERMITS_SQL/1091709731_1600571963.26/0/spring-web-4-0-2-release-sources-jar/org/springframework/http/client/bind/annotation/Mapping.java

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* /opt/cola/permits/1000505084_1606844040.04/.0/libphonenumber-6-0-sources-1-
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jar/com/google/i18n/phonenumbers/Phonemetadata.java
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jar/com/google/i18n/phonenumbers/CountryCodeToRegionCodeMap.java
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Version 3.1, 31 March 2009

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1.1817 netty-codec 4.1.31.Final

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1.1818 jboss-metadata-ejb 11.0.0.Final

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getConfidentiality() { return confidentiality; * Set the confidentiality. * @param confidentiality the confidentiality.
@throws IllegalArgumentException for a null confidentiality public void setConfidentiality(String confidentiality)
{ if (confidentiality == null) throw new IllegalArgumentException("Null confidentiality"); if
(CONFIDENTIALITY_NONE.equalsIgnoreCase(confidentiality)) this.confidentiality =
CONFIDENTIALITY_NONE; else if (CONFIDENTIALITY_SUPPORTED.equalsIgnoreCase(confidentiality))
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1.1826 python 3.7.6-1.el7.0atomix1

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

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

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

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

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```java
/**
 * A token issued by [@link TokenService].
 * *
 * <p>
 * It is important that the keys assigned to tokens are sufficiently randomised and secured that
 * they can serve as identifying a unique user session. Implementations of [@link TokenService]
```
* are free to use encryption or encoding strategies of their choice. It is strongly recommended that
* keys are of sufficient length to balance safety against persistence cost. In relation to persistence
* cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.
* </p>
*
* @author Ben Alex
* @since 2.0.1
*/

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* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-
jar/org/springframework/security/core/token/Token.java

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/**
 * Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).
 * See <a href="http://iharder.net/base64">http://iharder.net/base64</a> for more information.
 * <p>
 * For internal use only.
 * 
 * @author Luke Taylor
 * @since 3.0
 */

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* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-
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/**
 * @param authentication represents the user in question. Should not be null.
 * @param targetDomainObject the domain object for which permissions should be checked. May be null
 * in which case implementations should return false, as the null condition can be checked explicitly
 * in the expression.
 * @param permission a representation of the permission object as supplied by the expression system. Not null.
 * @return true if the permission is granted, false otherwise
 */

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* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/access/PermissionEvaluator.java
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* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/core/context/GlobalSecurityContextHolderStrategy.java
* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/core/userdetails/memory/UserAttribute.java
* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/access/intercept/RunAsManager.java
* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/core/userdetails/memory/UserMapEditor.java
* /opt/cola/permits/1074377970_1607116228.7/0/spring-security-core-3-1-4-release-sources-2-jar/org/springframework/security/access/intercept/MethodInvocationPrivilegeEvaluator.java
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* /opt/cola/permits/1074377970_1607116228.70/spring-security-core-3-1-4-release-sources-2.jar/org/springframework/security/authentication/UserNamePasswordAuthenticationToken.java
* /opt/cola/permits/1074377970_1607116228.70/spring-security-core-3-1-4-release-sources-2.jar/org/springframework/security/authentication/event/AuthenticationFailureLockedEvent.java
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* /opt/cola/permits/1074377970_1607116228.70/spring-security-core-3-1-4-release-sources-2.jar/org/springframework/security/authentication/jaas/JaasAuthenticationToken.java
* /opt/cola/permits/1074377970_1607116228.70/spring-security-core-3-1-4-release-sources-2.jar/org/springframework/security/authentication/UsernameNotFoundException.java
* /opt/cola/permits/1074377970_1607116228.70/spring-security-core-3-1-4-release-sources-2.jar/org/springframework/security/authentication/lock/LockedException.java
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*/
/**
* Reviews the <code>Object</code> returned from a secure object invocation,
* being able to modify the <code>Object</code> or throw an <code>AccessDeniedException</code>
* Typically used to ensure the principal is permitted to access the domain
* object instance returned by a service layer bean. Can also be used to
* mutate the domain object instance so the principal is only able to access
* authorised bean properties or <code>Collection</code> elements.
* Special consideration should be given to using an
* <code>AfterInvocationManager</code> on bean methods that modify a database.
* Typically an <code>AfterInvocationManager</code> is used with read-only
* methods, such as <code>public DomainObject getById(id)</code>. If used with
* methods that modify a database, a transaction manager should be used to
* ensure any <code>AccessDeniedException</code> will cause a rollback of the
* changes made by the transaction.
*/

@author Ben Alex

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 */
/**
 * Implementation of the MD4 message digest derived from the RSA Data Security, Inc, MD4 Message-Digest Algorithm.
 * @author Alan Stewart
 */

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**Zstd-jni: JNI bindings to Zstd Library**

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1.1849 apacheds-mavibot-partition 2.0.0-M15

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# ===================================================
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# .application/activemessage
# .application/alto-costmap+json
# .application/alto-costmapfilter+json
# .application/alto-directroy+json
# .application/alto-endpointcost+json
# .application/alto-endpointcostparams+json
# .application/alto-endpointprop+json
# .application/alto-endpointpropparams+json
# .application/alto-error+json
# .application/alto-networkmap+json
# .application/alto-networkmapfilter+json
# .application/aml
application/andrew-insetez
# .application/applefile
application/applixwareaw
# .application/atf
# .application/atfx
application/atom+xml
application/atomcat+xml
application/xmlatomcat
# .application/atomdeleted+xml
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# application/mikey
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application/mp21+xml
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# application/mpeg4-generic
# application/mpeg4-iod
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# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsml+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-stream
application/oda
# application/odx
application/oebps-package+xml
application/ogg
application/omdoc+xml
application/onenote
application/oxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xml
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# application/pdf
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application/pgp-encrypted
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application/shml+xml
# application/scaip+xml
# application/scim+json
application/scvp-cv-requestscq
application/scvp-cv-responsescs
application/scvp-vp-requestspq
application/scvp-vp-responsespp
application/sdp
ddp
# application/sep+xml
# application/sep-exi
# application/session-info
application/set-payment
application/set-payment-initiationsetpay
# application/set-registration
application/set-registration-initiationsetreg
# application/sgml
# application/sgml-open-catalog
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simplesymbolcontainer
# application/slate
# application/smil
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# application/sparql-query
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# application/tamp-community-update-confirm
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* Return the web session for the current request. Always guaranteed to
* return an instance either matching to the session id requested by the
* client, or with a new session id either because the client did not
* specify one or because the underlying session had expired. Use of this
* method does not automatically create a session. See {@link WebSession}
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jar/org/springframework/http/server/reactive/TomcatHttpHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java
* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
jar/org/springframework/http/converter/protobuf/ProtobufJsonFormatHttpMessageConverter.java
* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
jar/org/springframework/web/util/pattern/LiteralPathElement.java
* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
jar/org/springframework/web/client/ResponseExtractor.java
* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
jar/org/springframework/web/WebApplicationInitializer.java
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Contributors to btv:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorg.uku.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>
Ragnar Hojland Espinosa <ragnar@macula.net>
ConferenceTV card

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
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* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* 
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* 
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* 
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
* 
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
* 
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
* */

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Please keep the following list in alphabetical order.

Suman Anna
Sripal Bagadia
Felipe Balbi
Ohad Ben-Cohen
Phil Carmody
Deepak Chitriki
Felipe Contreras
Hiroshi Doyu
Seth Forshee
Ivan Gomez Castellanos
Mark Grosen
Ramesh Gupta G
Fernando Guzman Lugo
Axel Haslam
Janet Head
Shivananda Hebbar
Hari Kanigeri
Tony Lindgren
Antonio Luna
Hari Nagalla
Nishanth Menon
Ameya Palande
Vijay Pasam
Gilbert Pitney
Omar Ramirez Luna
Ernesto Ramos
Chris Ring
Larry Schiefer
Rebecca Schultz Zavin
Bhavin Shah
Andy Shevchenko
Jeff Taylor
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Armando Uribe de Leon
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Andreas Oberritter <obi@linuxtv.org>
Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <tmbinc@elitedvb.net>
Florian Schirmer <jolt@tuxbox.org>
Ronny Strutz <3des@elitedvb.de>
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Vadim Catana <skystar@moldova.cc>
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for the nxt2004 frontend driver

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   # Contributions to the urllib3 project

   ## Creator & Maintainer

   * Andrey Petrov <andrey.petrov@shazow.net>

   ## Contributors
In chronological order:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors
* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

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

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

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

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

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

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

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

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

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

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

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

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

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1.1867 wildfly-common 1.5.2.Final

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1.1868 commons-beanutils 1.9.3

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 */

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#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS                                           
  uv__io_t event_watcher;                                                   

#define UV_IO_PRIVATE_PLATFORM_FIELDS                                         
  int rcount;                                                              
  int wcount;                                                              

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

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Files: getopt.c

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that version instead if you wish.) Do not make any other change in
these notices.

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

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

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

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

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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than the cost of performing this distribution.
d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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

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  jar/io/netty/resolver/DefaultNameResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver/AddressResolver.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver/DefaultAddressResolverGroup.java
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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/cors/CorsConfiguration.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/HttpInputMessage.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/server/reactive/ReactorHttpHandlerAdapter.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/json/AbstractJackson2Encoder.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/server/session/HeaderWebSessionIdResolver.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/support/DefaultServerCodecConfigurer.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/cors/reactive/UrlBasedCorsConfigurationSource.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/bind/support/WebExchangeBindException.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/multipart/support/MultipartResolutionDelegate.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/json/JsonbHttpMessageConverter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/server/reactive/ServletHttpHandlerAdapter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/server/reactive/DefaultServerHttpRequestBuilder.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/json/Jackson2SmileEncoder.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/server/reactive/UndertowServerHttpRequest.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/client/OkHttp3ClientHttpRequestFactory.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/client/ClientHttpRequestInterceptor.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/converter/form/HttpMessageConverter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/converter/json/GsonHttpMessageConverter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/converter/ObjectToStringHttpMessageConverter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/converter/json/Jackson2ObjectMapperBuilder.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/support/ClientDefaultCodecsImpl.java

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/cors/DefaultCorsProcessor.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/util/OpaqueUriComponents.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/util/UriComponentsBuilder.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/reactive/ServletServerHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/server/session/CookieWebSessionIdResolver.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/server/session/DefaultWebSessionManager.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/converter/json/AbstractJsonHttpMessageConverter.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/codec/xml/XmlEventDecoder.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/reactive/ReactorClientHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/codec/ServerSentEventHttpMessageReader.java
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/multipart/support/StandardMultipartHttpServletRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/client/reactive/AbstractClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/reactive/ServletServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/reactive/AbstractClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/reactive/ServletServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/InterceptingClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/reactive/ServletServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/SimpleStreamingAsyncClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/SimpleBufferingAsyncClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/Netty4ClientHttpRequest.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/codec/FormHttpMessageWriter.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/reactive/UndertowServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/server/ServletServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/server/i18n/AcceptHeaderLocaleContextResolver.java
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/context/support/StandardServletEnvironment.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/util/ServletContextPropertyUtils.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/HttpMediaTypeException.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/server/ServerHttpResponse.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/remoting/caucho/HessianServiceExporter.java

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/**
 * Return the web session for the current request. Always guaranteed to
* return an instance either matching to the session id requested by the
  * client, or with a new session id either because the client did not
  * specify one or because the underlying session had expired. Use of this
  * method does not automatically create a session. See {@link WebSession}
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  */

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/context/support/ServletConfigPropertySource.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/context/support/GroovyWebApplicationContext.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/bind/EscapedErrors.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/context/support/ServletRequestHandledEvent.java

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/server/PathContainer.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/bind/EscapedErrors.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/context/support/ServletRequestHandledEvent.java

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jar/org/springframework/web/server/session/WebSessionStore.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/web/bind/support/WebExchangeDataBinder.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/http/codec/multipart/FormFieldPart.java
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* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/multipart/MultipartResolver.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/cors/CorsUtils.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/HttpMessage.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/HttpMessageConversionException.java
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* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/bind/annotation/RequestMethod.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/bind/annotation/SessionAttributes.java
* /opt/cola/permits/110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/web/bind/annotation/RequestHeaderMethodArgumentResolver.java
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# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
# application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/axml
# application/auth-policy+xml
# application/bacnet-xdd+xml
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# application/cdn+xml
# application/ccxml+xml
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application/cdmi-domain
application/cdmi-object
application/cdmi-queue
# application/cc
# application/cea
# application/cea-2018+xml
# application/cell+xml
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# application/cybercash
# application/dash+xml
# application/dashdelta
application/davmount+xml
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application/dssc+xml
xdssc
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# application/edifact
# application/efi
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# application/emergencycalldata.deviceinfo+xml
# application/emergencycalldata.providerinfo+xml
# application/emergencycalldata.serviceinfo+xml
# application/emergencycalldata.subscriberinfo+xml
application/emma+xml	emma
# application/emotionml+xml
# application/encaprtp
# application/epp+xml
application/epub+zip	epub
# application/eshop
# application/example
application/exiexi
# application/fastinfoset
# application/fastsoap
# application/fdt+xml
# application/fits
# application/font-sfnt
application/font-tdpfrpfr
application/font-woffwoff
# application/framework-attributes+xml
# application/geo+json
application/gml+xml
gml
application/gpx+xml
gpx
application/gxf
gxf
# application/gzip
# application/ocsp-request
# application/ocsp-response
application/octet-stream
tbin dms lrf mar so dist distz pkg bpk dump elc deploy
application/octet-stream
application/oda
application/odx
application/oebps-package+xml
application/ogg
application/odx
application/oma+zip
application/ole object
application/onenote
application/onepkg
application/oxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xml
txer
application/pdf
application/pgp-encrypted
application/pgp-keys
application/pgp-signature
application/pics-rules
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10
# application/pkcs12
application/pkcs7-mime
application/pkcs7-signature
application/pkcs7-pkipath
application/pkix-attr-cert
application/pkix-cert
application/pkix-crl
application/pls+xml
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application/ppp+json
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# application/problem+xml
# application/provenance+xml
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application/reginfo+xml
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# application/remote-printing
# application/reputon+json
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# application/sep+xml
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# application/session-info
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# application/sgml
# application/sgml-open-catalog
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
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# application/tamp-sequence-adjust-confirm
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# application/timestamp-reply
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# application/tve-trigger
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# application/vnd.meridian-slingshot
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# application/vnd.microsoft.portable-executable
# application/vnd.miele+json
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# application/vnd.oma.bcast.drm-trigger+xml
# application/vnd.oma.bcast.imd+xml
# application/vnd.oma.bcast.ltkm
# application/vnd.oma.bcast.notification+xml
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# image/tiff-fx
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# message/global
# message/global-delivery-status
# message/global-disposition-notification
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# message/sipfrag
# message/tracking-status
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# multipart/byteranges
video/x-smvsmv
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/mime.types
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/http/codec/xml/Jaxb2XmlEncoder.java
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/client/support/RestGatewaySupport.java
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1.jar/org/springframework/http/MediaTypeEditor.java
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jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/web/bind/ServletRequestBindingException.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/web/client/RestClientException.java

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/http/converter/protobuf/ExtensionRegistryInitializer.java

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-jar/org/springframework/web/client/HttpClientErrorException.java
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jar/org/springframework/web/accept/ParameterContentNegotiationStrategy.java

1.1889 beanshell 2.0b4

1.1890 libsndfile 1.0.25-11.el7

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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/LifecycleProcessor.java
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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/MBeanExportException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/ui/context/support/UiApplicationContextUtils.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/remoting/rmi/CodebaseAwareObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/remoting/RemoteConnectFailureException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/annotation/EnableMBeanExport.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/cache/interceptor/CacheOperationSource.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/ebj/access/EjbAccessException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/event/ApplicationContextEvent.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/scripting/ScriptSource.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/scheduling/TriggerContext.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jeb/config/JeeNamespaceHandler.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/metadata/InvalidMetadataException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/remoting/rmi/RmiBasedExporter.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/InvocationFailureException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/InvalidInvocationException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/MBeanConnectFailureException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/InvalidMetadataException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/MBeanConnectFailureException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/event/ContextStoppedEvent.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/validation/beanvalidation/LocaleContextMessageInterpolator.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/naming/SelfNaming.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/naming/SelfNaming.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/annotation/ScopeMetadata.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/context/config/SpringConfiguredBeanDefinitionParser.java

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**FactoryBean** that obtains a WebSphere [MBeanServer] reference through WebSphere's proprietary [AdminServiceFactory] API, available on WebSphere 5.1 and higher.

- Exposes the [MBeanServer] for bean references.
- This FactoryBean is a direct alternative to [MBeanServerFactoryBean], which uses standard JMX 1.2 API to access the platform's MBeanServer.

See the javadocs for WebSphere's [AdminServiceFactory] and [MBeanFactory].

@author Juergen Hoeller
@since 2.0.3
@see javax.management.MBeanServer
@see MBeanServerFactoryBean

Found in path(s):

```
/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
```

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/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/scripting/support/StandardScriptEvalException.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/context/PayloadApplicationEvent.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/scripting/ScriptEvaluator.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/context/annotation/Role.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java */
/* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources.jar/org/springframework/scripting/config/LangNamespaceHandler.java */

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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/remoting/support/RemoteInvocationFactory.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/SpringModelMBean.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/jmx/export/metadata/AbstractJmxAttribute.java
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/**
* Indicates that a component is only eligible for registration when all
* [ @linkplain #value specified conditions ] match.
*<p>A <em>condition</em> is any state that can be determined programmatically

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* before the bean definition is due to be registered (see [Condition](#) for details).

* The [@Conditional](#) annotation may be used in any of the following ways:

* as a type-level annotation on any class directly or indirectly annotated with
  [@Component](#), including [@Configuration](#) classes
* as a meta-annotation, for the purpose of composing custom stereotype
  annotations
* as a method-level annotation on any [@Bean](#) method

* If a [@Configuration](#) class is marked with [@Conditional](#),
  all of the [@Bean](#) methods, [@Import](#) annotations, and
  [@ComponentScan](#) annotations associated with that
  class will be subject to the conditions.

* NOTE: Inheritance of [@Conditional](#) annotations
  is not supported; any conditions from superclasses or from overridden
  methods will not be considered. In order to enforce these semantics,
  [@Conditional](#) itself is not declared as
  [@Inherited](#); furthermore, any
  custom composed annotation that is meta-annotated with
  [@Conditional](#) must not be declared as [@Inherited](#).

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

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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
  jar/org/springframework/context/annotation/Conditional.java

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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/context/ApplicationEventPublisherAware.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/jmx/export/notification/NotificationPublisherAware.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/context/annotation/ImportAware.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/context/annotation/MBeanExportConfiguration.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/scheduling/annotation/EnableAsync.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/scripting/config/ScriptingDefaultsParser.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/classloading/ShadowingClassLoader.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/springframework/remote/rmi/IndiRmiServiceExporter.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/cache/interceptor/CacheOperationExpressionEvaluator.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/event/SimpleApplicationEventMulticaster.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/cache/interceptor/AbstractFallbackCacheOperationSource.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/AnnotationConfigUtils.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/ConfigurationClassUtils.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/validation/DataBinder.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/AnnotationConfigUtils.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/validation/FieldError.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/ConfigurationClassUtils.java

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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources-jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources-jar/org/springframework/context/i18n/LocaleContext.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources-jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources-jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5.1.4-release-sources-jar/org/springframework/context/annotation/Lazy.java
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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/scheduling/config/IntervalTask.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-jar/org/springframework/scheduling/config/ScopedProxyMode.java

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jar/org/springframework/format/datetime/joda/JodaTimeFormatterRegistrar.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/stereotype/Repository.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/cache/support/NullValue.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/instrument/classloading/SimpleLoadTimeWeaver.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/jndi/JndiTemplateEditor.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/index/CandidateComponentsIndex.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/jmx/export/NotificationListenerBean.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/expression/EnvironmentAccessor.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/scheduling/config/ScheduledTaskHolder.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/scheduling/config/ScheduledTask.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/validation/support/BindingAwareModelMap.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/ui/ExtendedModelMap.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/scripting/bsh/BshScriptEvaluator.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
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* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/instrument/classloading/SimpleThrowawayClassLoader.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java
* /opt/ws_local/PERMITS_SQL/1089321016_1600118480.81/0/spring-context-5-1-4-release-sources-
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Email domain: cam.ac.uk

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1.1908 opentracing-noop 0.31.0

1.1909 tuned 2.13.0-1.ph3

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1.1915 thymeleaf-extras-java8time

3.0.4.RELEASE

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1.1916 wildfly-security-manager 6.0.2.Final

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1.1917 jackson-mapper-asl 1.9.13

1.1918 perl 1.04 294.el7_6

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#!perl

=head1 NAME
copyright.t

=head1 DESCRIPTION

tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.
If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;
my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so # that tests still pass for people intentionally working on older versions:
if ($opt eq '--now') {
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else {
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:

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abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the Module-Build mailing list at <module-build@perl.org>.”
built_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
  license: http://dev.perl.org/licenses/
  repository: http://github.com/dagolden/module-build/
  version: 3

--------------------------------------------------------------------------

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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The reason we have a separate public license for some libraries is that
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program and simply using it. Linking a program with a library, without
changing the library, is in some sense simply using the library, and is
analogous to running a utility program or application program. However, in
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treats it as such.

Because of this blurred distinction, using the ordinary General
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concluded that weaker conditions might promote sharing better.

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preserving your freedom as a user of such programs to change the free
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1.1929 jansi-osx 1.7

1.1930 hk2-api 2.4.0-b34

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package org.apache.maven.model;

/**
 * $Id$
 */

public class License implements java.io.Serializable {

    /**
     * Field name
     */
    private String name;

    /**
     * Field url
     */

    //--------------------------/
    //- Class/Member Variables -/
    //--------------------------/

    /**
     * Field name
     */
    private String name;

    /**
     * Field url
     */
private String url;

/**
 * Field distribution
 */
private String distribution;

/**
 * Field comments
 */
private String comments;

//-- Methods --/
/**
 * Get
 * Addendum information pertaining to this license.
 * 
 */
public String getComments()
{
    return this.comments;
} //-- String getComments()

/**
 * Get
 * 
 * The primary method by which this project may be distributed.
 * 
 */
public String getDistribution()
{
    return this.distribution;
} //-- String getDistribution()}
/**
 * Get
 *
 *             The full legal name of the license.
 *
 */
public String getName()
{
    return this.name;
} //-- String getName()

/**
 * Get
 *
 *             The official url for the license text.
 *
 */
public String getUrl()
{
    return this.url;
} //-- String getUrl()

/**
 * Set
 *
 *             Addendum information pertaining to this license.
 *
 * @param comments
 */
public void setComments(String comments)
{
    this.comments = comments;
} //-- void setComments(String)

/**
 * Set
 *
 *             The primary method by which this project may be
 *             distributed.
 *             
 *             <dl>
 *             <dt>repo</dt>
 *             <dd>may be downloaded from the Maven repository</dd>
 *             <dt>manual</dt>
 *             <dd>user must manually download and install the dependency</dd>
 *         */
}
* @param distribution
*/
public void setDistribution(String distribution)
{
    this.distribution = distribution;
} //-- void setDistribution(String)

/**
 * Set
 * *
 * The full legal name of the license.
 *
 *
 * @param name
 */
public void setName(String name)
{
    this.name = name;
} //-- void setName(String)

/**
 * Set
 * *
 * The official url for the license text.
 *
 *
 * @param url
 */
public void setUrl(String url)
{
    this.url = url;
} //-- void setUrl(String)

private String modelEncoding = "UTF-8";

public void setModelEncoding( String modelEncoding )
{
    this.modelEncoding = modelEncoding;
}

public String getModelEncoding()
{
return modelEncoding;
}}
/*
* $Id$
*/
package org.apache.maven.model;
/**
*
*
Description of a person who has contributed to the
* project, but
*
who does not have commit privileges. Usually, these
*
contributions come in the form of patches submitted.
*
*
* @version $Revision$ $Date$
*/
public class Contributor implements java.io.Serializable {

//--------------------------/
//- Class/Member Variables -/
//--------------------------/
/**
* Field name
*/
private String name;
/**
* Field email
*/
private String email;
/**
* Field url
*/
private String url;
/**
* Field organization
*/
private String organization;
/**
* Field organizationUrl

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private String organizationUrl;

/**
 * Field roles
 */
private java.util.List roles;

/**
 * Field timezone
 */
private String timezone;

/**
 * Field properties
 */
private java.util.Properties properties;

//-----------/
//-- Methods --/
//-----------/

/**
 * Method addProperty
 *
 * @param key
 * @param value
 */
public void addProperty(String key, String value)
{
    getProperties().put(key, value);
} //-- void addProperty(String, String)

/**
 * Method addRole
 *
 * @param string
 */
public void addRole(String string)
{
    getRoles().add(string);
} //-- void addRole(String)

/**
 * Get
 * The email address of the contributor.
/**
 * Get
 *
 * The full name of the contributor.
 *
 */

public String getEmail()
{
    return this.email;
} //-- String getEmail()

/**
 * Get
 *
 * The organization to which the contributor
 * belongs.
 *
 */

public String getName()
{
    return this.name;
} //-- String getName()

/**
 * Get
 *
 * The URL of the organization.
 *
 */

public String getOrganizationUrl()
{
    return this.organizationUrl;
} //-- String getOrganizationUrl()

/**
 * Method getProperties
 */
public java.util.Properties getProperties()
{
    if ( this.properties == null )
    {
        this.properties = new java.util.Properties();
    }

    return this.properties;
} //-- java.util.Properties getProperties()

/**
 * Method getRoles
 */
public java.util.List getRoles()
{
    if ( this.roles == null )
    {
        this.roles = new java.util.ArrayList();
    }

    return this.roles;
} //-- java.util.List getRoles()

/**
 * Get
 * 
 * The timezone the contributor is in. This is a
 * number in the range -11 to 12.
 * *
 * */
public String getTimezone()
{
    return this.timezone;
} //-- String getTimezone()

/**
 * Get
 * 
 * The URL for the homepage of the contributor.
 * *
 * */
public String getUrl()
{
    return this.url;
} //-- String getUrl()
/**
 * Method removeRole
 *
 * @param string
 */
public void removeRole(String string)
{
    getRoles().remove( string );
} //-- void removeRole(String)

/**
 * Set
 *
 * The email address of the contributor.
 *
 * @param email
 */
public void setEmail(String email)
{
    this.email = email;
} //-- void setEmail(String)

/**
 * Set
 *
 * The full name of the contributor.
 *
 * @param name
 */
public void setName(String name)
{
    this.name = name;
} //-- void setName(String)

/**
 * Set
 *
 * The organization to which the contributor
 * belongs.
 *
 * @param organization
 */
public void setOrganization(String organization) {
    this.organization = organization;
} //-- void setOrganization(String)

/**
 * Set
 * * The URL of the organization.
 * *
 * @param organizationUrl
 */
public void setOrganizationUrl(String organizationUrl) {
    this.organizationUrl = organizationUrl;
} //-- void setOrganizationUrl(String)

/**
 * Set
 * * Properties about the contributor, such as an
 * * instant messenger handle.
 * *
 * @param properties
 */
public void setProperties(java.util.Properties properties) {
    this.properties = properties;
} //-- void setProperties(java.util.Properties)

/**
 * Set
 * * The roles the contributor plays in the project.
 * * Each role is
 * * described by a <code>role</code> element, the
 * * body of which is a
 * * role name. This can also be used to describe the
 * * contribution.
 * *
 * @param roles
 */
public void setRoles(java.util.List roles)
{
    this.roles = roles;
} //-- void setRoles(java.util.List)

/**
 * Set
 *
 * The timezone the contributor is in. This is a
 * number in the range -11 to 12.
 *
 *
 *
 * @param timezone
 */
public void setTimezone(String timezone)
{
    this.timezone = timezone;
} //-- void setTimezone(String)

/**
 * Set
 *
 * The URL for the homepage of the contributor.
 *
 *
 *
 * @param url
 */
public void setUrl(String url)
{
    this.url = url;
} //-- void setUrl(String)

private String modelEncoding = "UTF-8";

public void setModelEncoding( String modelEncoding )
{
    this.modelEncoding = modelEncoding;
}

public String getModelEncoding()
{
    return modelEncoding;
}

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   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
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* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpNamingProvider.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpRootContext.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpNamingContextFactory.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpNamingEjbObjectResolverHelper.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpRemoteNamingService.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpNamingProviderFactory.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpNamingClientMessages.java
* /opt/cola/permits/1110676452_1606843693.76/0/wildfly-http-naming-client-1-0-12-final-sources-1-jar/org/wildfly/httpclient/naming/HttpRemoteContext.java
1.1943.1 libmediaart 1.9.4 1.el7

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  jar/io/undertow/protocols/alpn/DefaultAlpnEngineManager.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
  jar/io/undertow/protocols/ssl/SNIContextMatcher.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
  jar/io/undertow/protocols/ssl/SNISSLContextSpi.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
  jar/io/undertow/protocols/alpn/ALPNEngineManager.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* An extension to {@link AbstractConfidentialityHandler} that uses the Host header from the incoming message
* and specifies the confidential address by just switching the port.
* @author <a href="mailto:darran.lofthouse@jboss.com">Darran Lofthouse</a>*
*/

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io.undertow.protocols.ssl.SNIAlpnEngineManager
io.undertow.protocols.alpn.DefaultAlpnEngineManager

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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2.0.13-final-sources-jar/io/undertow/server/handlers/proxy/mod_cluster/MCMDWebManager.java

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Returns an array containing all of the elements in this deque, in proper sequence (from first to last element).

The returned array will be "safe" in that no references to it are maintained by this deque. (In other words, this method must allocate a new array). The caller is thus free to modify the returned array.

This method acts as bridge between array-based and collection-based APIs.

@return an array containing all of the elements in this deque
io.undertow.protocols.alpn.JettyAlpnProvider
io.undertow.protocols.alpn.JDK9AlpnProvider
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*/
/**
* Handler responsible for checking of confidentiality is required for the requested resource and if so rejecting the request
* and redirecting to a secure address.
*
* @author <a href="mailto:darran.lofthouse@jboss.com">Darran Lofthouse</a>
*/
/**
* Use the HttpServerExchange supplied to check if this request is already 'sufficiently' confidential.
* Here we say 'sufficiently' as sub-classes can override this and maybe even go so far as querying the actual SSLSession.
*
* @param exchange - The {@link HttpServerExchange} for the request being processed.
* @return true if the request is 'sufficiently' confidential, false otherwise.
*/
/**
* Use the HttpServerExchange to identify if confidentiality is required.
*
* This method currently returns true for all requests, sub-classes can override this to provide a custom check.
*
* TODO: we should deprecate this and just use a predicate to decide to execute the handler instead
* @param exchange - The {@link HttpServerExchange} for the request being processed.
* @return true if the request requires confidentiality, false otherwise.
*/
/**
 * All sub-classes are required to provide an implementation of this method, using the HttpServerExchange for the current request return the address to use for a redirect should confidentiality be required and the request not be confidential.
 * 
 * @param exchange - The {@link HttpServerExchange} for the request being processed.
 * @return The {@link URI} to redirect to.
 */

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 */
/**
 * <p>
 * Encodes and decodes to and from Base64 notation.
 * </p>
 * <p>
 * <p>
 * </p>
 * 
 * <p>
 * Example:
 * </p>
 * 

* `<code>String encoded = Base64.encode( myByteArray );</code>`
* `<code>byte[] myByteArray = Base64.decode( encoded );</code>`

* The `<tt>options</tt>` parameter, which appears in a few places, is used to pass several pieces of information to the encoder.
* In the "higher level" methods such as `encodeBytes( bytes, options )` the options parameter can be used to indicate such things
* as first gzipping the bytes before encoding them, not inserting linefeeds, and encoding using the URL-safe and Ordered dialects.

* `<p>`
  * `<p>`
    * Note, according to `<a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>`, Section 2.1, implementations should not add line feeds unless explicitly told to do so. I've got Base64 set to this behavior now, although earlier versions broke lines by default.
    * </p>
* `<p>`
  * The constants defined in Base64 can be OR-ed together to combine options, so you might make a call like this:
    * `<p>`
* `<p>`
  * `<code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );</code>`
  * `<p>`
* `<p>`
* `<code>String encoded = Base64.encodeBytes( crazyString.getBytes() );</code>`

* Also...
  * `<p>`
* `<p>`

* Change Log:
* `<p>`
  * `<ul>`
    * `<li>`v2.3.7 - Fixed subtle bug when base 64 input stream contained the value 01111111, which is an invalid base 64 character but should not throw an `ArrayIndexOutOfBoundsException` either. Led to discovery of mishandling (or potential for better handling) of other bad input characters. You should now get an IOExeption if you try decoding something that has bad characters in it.</li>
    * `<li>`v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded string ended in the last column; the
buffer was
* not properly shrunk and contained an extra (null) byte that made it into the string.
* <li>v2.3.5 - Fixed bug in [@link #encodeFromFile] where estimated buffer size was wrong for files of size 31, 34, and 37
* bytes.</li>
* <li>v2.3.4 - Fixed bug when working with gzipped streams whereby flushing the Base64.OutputStream closed the Base64 encoding
* (by padding with equals signs) too soon. Also added an option to suppress the automatic decoding of gzipped streams. Also
* added experimental support for specifying a class loader when using the
* [@link #decodeToObject(String, int, ClassLoader)] method.</li>
* <li>v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so
* forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly
* inline.</li>
* <li>v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the final encoded data will be so that the
* code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using
* the [@link #encodeBytesToBytes(byte[])] family of methods (and not using the gzip options which uses a different mechanism
* with streams and stuff).</li>
* <li>v2.3.1 - Added [@link #encodeBytesToBytes(byte[], int, int, int)] and some similar helper methods to be more efficient
* with memory by not returning a String but just a byte array.</li>
* <li>v2.3 - This is not a drop-in replacement!</li>
* This is two years of comments and bug fixes queued up and
* finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone
* else. Much bad coding was cleaned up including throwing exceptions where necessary instead of returning null values or
* something similar. Here are some changes that may affect you:
* <ul>
* <li>Does not break lines, by default. This is to keep in compliance with <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>.</li>
* <li.Throws exceptions instead of returning null values. Because some operations (especially those that may permit
* the GZIP option) use IO streams, there is a possibility of an java.io.IOException being thrown. After some discussion and
* thought, I've changed the behavior of the methods to throw java.io.IOException rather than return null if ever there's an
* error. I think this is more appropriate, though it will require some changes to your code. Sorry, it should have been done
* this way to begin with.
* <li>Removed all references to System.out, System.err, and the like. Shame on me. All I can say is sorry they were
* ever there.</li>

* <li>Throws NullPointerExceptions and IllegalArgumentExceptions as needed such as when passed arrays are null or offsets are invalid.</li>
* <li>Cleaned up as much javadoc as I could to avoid any javadoc warnings. This was especially annoying before for people who were thorough in their own projects and then had gobs of javadoc warnings on this file.</li>
* </ul>
* <li>v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug when using very small files (~&lt; 40 bytes).</li>
* <li>v2.2 - Added some helper methods for encoding/decoding directly from one file to the next. Also added a main() method to support command line encoding/decoding from one file to the next. Also added these Base64 dialects:
* <ol>
* <li>The default is RFC3548 format.</li>
* <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates URL and file name friendly format as described in Section 4 of RFC3548. http://www.faqs.org/rfc8/rfc3548.html</li>
* <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates URL and file name friendly format that preserves lexical ordering as described in http://www.faqs.org/qa/rfc8-1940.html</li>
* </ol>
* Special thanks to Jim Kellerman at http://www.powerset.com for contributing the new Base64 dialects.</li>
* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.</li>
* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).</li>
* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.</li>
* <li>v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (int's that you "OR" together).</li>
* <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using decode( String s, boolean gzipCompressed ).</li>
* Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).</li>
* <li>v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
* <li>v1.4 - Added helper methods to read/write files.</li>
* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.</li>
* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
* </ul>

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* @author Robert Harder
* @author rob@iharder.net
* @version 2.3.7
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources.jar/io/undertow/websockets/core/protocol/version07/Base64.java
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow/server/handlers/SetAttributeHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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jar/io/undertow/security/api/AuthenticationMechanism.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/protocols/http2/ConnectionErrorException.java
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jar/io/undertow/server/protocol/http/ALPNLimitingSSLEngine.java
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jar/io/undertow/session/SessionListeners.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-websockets/core/InvalidOpCodeException.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-predicate/PredicateParser.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/protocol/ajp/AjpRequestParser.java
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jar/io/undertow/util/CanonicalPathUtils.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/Handlers.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/client/http2/Http2ClientExchange.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/ResponseCommitListener.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/security/impl/DigestWWWAuthenticateToken.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/core/protocol/version07/Masker.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/protocols/http2/AbstractHttp2StreamSinkChannel.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/predicate/Predicates.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/client/http/HttpResponseBuilder.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/core/protocol/version07/Hybi07Handshake.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/security/impl/SingleSignOn.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/conduits/BrokenStreamSourceConduit.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/extensions/ExtensionHandshake.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/StoredResponseHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/cache/ResponseCache.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/ServerConnection.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/HttpServerExchange.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/encoding/EncodingHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/resource/ResourceManager.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/core/function/ChannelFunctionStreamSourceChannel.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/accesslog/JBossLoggingAccessLogReceiver.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/accesslog/DefaultAccessLogReceiver.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/protocols/http2/Http2PushPromiseStreamSourceChannel.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/security/api/NonceManager.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/attribute/LocalIPAddress.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/util/ChainedHandlerWrapper.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/security/impl/SecurityContextFactoryImpl.java
jar/io/undertow/connector/PooledByteBuffer.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/extensions/ExtensionFunction.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/util/PathTemplate.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/cache/DirectBufferCache.java
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jar/io/undertow/conduits/FixedLengthStreamSourceConduit.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/attribute/QueryParameterAttribute.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/attribute/RemoteUserAttribute.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/core/protocol/version08/Hyb08Handshake.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/RequestLimitingHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/XnioByteBufferPool.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/http2/Http2HeadersParser.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/ConnectorStatisticsImpl.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/ChannelUpgradeHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/util/AsycnReceiverImpl.java
* /opt/ws_local/PERMITS_SQL/1091710384_1600571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/core/BufferedBinaryMessage.java
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jar/io/undertow/server/handlers/resource/URLResource.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/protocols/ajp/AjpClientChannel.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/proxy/ProxyHandler.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/io/UndertowOutputStream.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/attribute/ConstantExchangeAttribute.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/attribute/ResponseCodeAttribute.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/protocol/ajp/AjpServerRequestConduit.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/proxy/HostTable.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/protocols/http2/Http2WindowUpdateParser.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/builder/ResponseCodeHandlerBuilder.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/security/impl/DigestQop.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/protocol/http/PipeliningBufferingStreamSinkConduit.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/handlers/resource/ResourceChangeEvent.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/websockets/client/WebSocketClient.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/server/protocol/ajp/AjpReadListener.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/util/PipeliningExecutor.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
jar/io/undertow/conduits/ChunkedStreamSourceConduit.java
* /opt/ws_local/PERMITS_SQL/1091710384_160571926.25/0/undertow-core-2-0-13-final-sources-
1.1946 exempli 2.2.0 9.el7

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1.jar/io/netty/handler/codec/CharSequenceValueConverter.java

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/json/JsonObjectDecoder.java

* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Crc32.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/package-info.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/FastLz.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/DecoderResultProvider.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
jar/io/netty/handler/codec/compression/LzfDecoder.java

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<a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.

The encoding and decoding algorithm in this class has been derived from
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* */
/*
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*/
/**
* Enumeration of supported Base64 dialects.
* </p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-jar/io/netty/handler/codec/DateFormatter.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-jar/io/netty/handler/codec/string/LineSeparator.java

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/**
 * A decoder that splits the received [ @link ByteBuf] s dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 * <p>
 * [ @link LengthFieldBasedFrameDecoder] has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 *<h3>2 bytes length field at offset 0, do not strip header</h3>
 * The value of the length field in this example is <tt>12 (0x0C)</tt> which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
that the length field represents the number of the bytes that follows the
length field. Therefore, it can be decoded with the simplistic parameter
combination.

<pre>
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 0 (= do not strip header)
</pre>

BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)

+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+

</pre>

<h3>2 bytes length field at offset 0, strip header</h3>

Because we can get the length of the content by calling
{ @link ByteBuf#readableBytes(), you might want to strip the length
field by specifying <tt>initialBytesToStrip</tt>. In this example, we
specified <tt>2</tt>, that is same with the length of the length field, to
strip the first two bytes.

<pre>
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2 (= the length of the Length field)
</pre>

BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)

+--------+----------------+      +----------------+
| Length | Actual Content |----->| Actual Content |
| 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
+--------+----------------+      +----------------+

</pre>

<h3>2 bytes length field at offset 0, do not strip header, the length field
represents the length of the whole message</h3>

In most cases, the length field represents the length of the message body
only, as shown in the previous examples. However, in some protocols, the
length field represents the length of the whole message, including the
message header. In such a case, we specify a non-zero
lengthAdjustment. Because the length value in this example message
is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
as <tt>lengthAdjustment</tt> for compensation.

<pre>
lengthFieldOffset   = 0
</pre>
* lengthFieldLength = 2
* `<b>lengthAdjustment</b>` = `<b>-2</b>` (= the length of the Length field)
* initialBytesToStrip = 0

* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----------------+-----------------+
* | Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |
* +-----------------+-----------------+

* </pre>*

* `<h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>*

* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* `<pre>`
* `<b>lengthFieldOffset</b>` = `<b>2</b>` (= the length of Header 1)
* `<b>lengthFieldLength</b>` = `<b>3</b>`
* lengthAdjustment = 0
* initialBytesToStrip = 0

* BEFORE DECODE (17 bytes)    AFTER DECODE (17 bytes)
* +-----------------+-----------------+
* | Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----------------+-----------------+

* </pre>*

* `<h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>*

* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra
* header into the frame length calculation.
* `<pre>`
* lengthFieldOffset = 0
* lengthFieldLength = 3
* `<b>lengthAdjustment</b>` = `<b>2</b>` (= the length of Header 1)
* initialBytesToStrip = 0

* BEFORE DECODE (17 bytes)    AFTER DECODE (17 bytes)
* +-----------------+-----------------+
* | Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----------------+-----------------+

* </pre>
* ch3>2 bytes length field at offset 1 in the middle of 4 bytes header,
  * strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the \texttt{lengthFieldOffset} and the extra
* header affects the \texttt{lengthAdjustment}. We also specified a non-zero
* \texttt{initialBytesToStrip} to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify \texttt{0} for \texttt{initialBytesToStrip}.
* <pre>
* lengthFieldOffset     = 1 (= the length of HDR1)
* lengthFieldLength     = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b>  = <b>3</b> (= the length of HDR1 + LEN)
*
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* ch3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
*
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into \texttt{lengthAdjustment}.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset     = 1
* lengthFieldLength     = 2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b>  = <b>3</b>
*
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* @see LengthFieldPrepender
*/
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtocolDetectionResult.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/Varint32FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-jar/io/netty/handler/codec/protobuf/Varint32LengthFieldPrepender.java

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Crc32c.java

1.1948 pexpect 2.3-11.el7

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1.1949 postgresql 10.15

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1.1950 unzip 6.0-20.el7.0atomix2

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Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and
others. See the file CONTRIBUTES in the source distribution for a much
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The decompression core code for the deflate method (inflate.[ch],
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1.1951 spring-context-support

4.0.2.RELEASE

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jar/org/springframework/scheduling/commonj/DelegatingTimerListener.java
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4-0-2-release-sources.jar/org/springframework/scheduling/quartz/JobDetailAwareTrigger.java
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4-0-2-release-sources.jar/org/springframework/scheduling/commonj/TimerManagerTaskScheduler.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4-0-2-release-sources.jar/org/springframework/mail/MailPreparationException.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4-0-2-release-sources.jar/org/springframework/cache/transaction/TransactionAwareCacheManagerProxy.java
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4-0-2-release-sources.jar/org/springframework/scheduling/transaction/TransactionSupportingCacheManagerProxy.java
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  jar/org/springframework/scheduling/quartz/AdaptableJobFactory.java
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/SpringBeanJobFactory.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/ui/freemarker/FreemarkerConfigurationFactory.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/ui/velocity/VelocityEngineUtils.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/CronTriggerFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/CronTriggerFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/CronTriggerFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailBean.java
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
  jar/org/springframework/scheduling/quartz/JobDetailBean.java
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  jar/org/springframework/scheduling/quartz/CronTriggerFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0.2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0-2-release-sources-
  jar/org/springframework/scheduling/commonj/WorkManagerTaskExecutor.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0-2-release-sources-
  jar/org/springframework/cache/jcache/JCacheCache.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0-2-release-sources-
  jar/org/springframework/scheduling/quartz/SimpleTriggerBean.java
* /opt/ws_local/PERMITS_SQL/1091710466_1600571590.85/0/spring-context-support-4.0-2-release-sources-
  jar/org/springframework/mail/javamail/MimeMessageHelper.java
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Version 2.1, February 1999

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- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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# spdx-license-ids


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## Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/getting-started/what-is-npm):

```bash
npm install spdx-license-ids
```

## [Node.js](https://nodejs.org/) API

### require('spdx-license-ids')

Type: `<Array<string>>`

All license IDs except for the currently deprecated ones.

```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'Abstyles', 'Adobe-2006', 'Adobe-Glyph', 'ADSL', 'AFL-1.1', ...

ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=> true
ids.includes('GPL-3.0'); //=> false
```

### require('spdx-license-ids/deprecated')

Type: `<Array<string>>`

Deprecated license IDs.

```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-3.0', 'eCos-2.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', ...

deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false
```
deprecatedIds.includes('GPL-3.0'); //=> true

```javascript
```

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//  https://github.com/inexorabletash/polyfill

// ES3/ES5 implementation of the Khronos Typed Array Specification
// Ref: http://www.khronos.org/registry/typedarray/specs/latest/
// Date: 2011-02-01
//
// Variations:
// * Allows typed_array.get/set() as alias for subscripts (typed_array[])
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validate-npm-package-license

=================================

Give me a string and I'll tell you if it's a valid npm package license string.

```javascript
var valid = require('validate-npm-package-license');
```

SPDX license identifiers are valid license strings:

```javascript
var assert = require('assert');
var validSPDXExpression = {
    validForNewPackages: true,
    validForOldPackages: true,
    spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```javascript
assert.deepEqual(
    valid('Apache 2.0'),
    {
        validForOldPackages: false,
        validForNewPackages: false,
        warnings: [
            'license should be ' +
            'a valid SPDX license expression (without "LicenseRef"), ' +
            ""UNLICENSED", or ' +
            '"SEE LICENSE IN <filename>"",
            'license is similar to the valid expression "Apache-2.0"
        ]
    }
);
```
SPDX expressions are valid, too ...

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
    valid('(GPL-3.0-only OR BSD-2-Clause)'),
    validSPDXExpression
);
```

... except if they contain `LicenseRef`:

```javascript
var warningAboutLicenseRef = {
    validForOldPackages: false,
    validForNewPackages: false,
    spdx: true,
    warnings: [
        'license should be ' +
        'a valid SPDX license expression (without "LicenseRef"), ' +
        '"UNLICENSED", or ' +
        '"SEE LICENSE IN <filename>"',
    ],
};

assert.deepEqual(
    valid('LicenseRef-Made-Up'),
    warningAboutLicenseRef
);

assert.deepEqual(
    valid('(MIT OR LicenseRef-Made-Up)'),
    warningAboutLicenseRef
);
```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```javascript
assert.deepEqual(
    valid('SEE LICENSE IN LICENSE.txt'),
    {
        validForNewPackages: true,
        validForOldPackages: true,
        inFile: 'LICENSE.txt'
    }
)
assert.deepEqual(
    valid('SEE LICENSE IN license.md'),
    {
        validForNewPackages: true,
        validForOldPackages: true,
        inFile: 'license.md'
    }
);  
```

If there aren't any licensing terms, use `UNLICENSED`:
```
```javascript
var unlicensed = {
    validForNewPackages: true,
    validForOldPackages: true,
    unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENCED'), unlicensed);
```

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation
=======================================================================
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1.1970 smallrye-config 1.3.3

1.1971 microprofile-rest-client-api 1.0.1

1.1972 jaxb-jxc 2.3.0

1.1973 etcd v3.2.1

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

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compiler/cpp/src/generate/t_java_generator.cc
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compiler/cpp/src/thrifty.yy
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lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
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lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
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1.1981 pyliblzma 0.5.3-11.el7

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1.1983 jetty-security 8.1.7.v20120910
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```html
/**
 * Indicates that a component is only eligible for registration when all
 * { @linkplain #value specified conditions } match.
 *
 * <p>A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see { @link Condition } for details).
 */
```
The `@code @Conditional` annotation may be used in any of the following ways:

- as a type-level annotation on any class directly or indirectly annotated with
  `@code @Component`, including `@link Configuration @Configuration` classes
- as a meta-annotation, for the purpose of composing custom stereotype
  annotations
- as a method-level annotation on any `@link Bean @Bean` method

If a `@code @Configuration` class is marked with `@code @Conditional`,
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NOTE: Inheritance of `@code @Conditional` annotations
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`@code @Conditional` itself is not declared as
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custom `<em>composed annotation</em>` that is meta-annotated with
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@author Phillip Webb
@author Sam Brannen
@since 4.0
@see Condition

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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/jmx/export/assembler/MetadataMBeanInfoAssembler.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/expression/StandardBeanExpressionResolver.java
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 */

/**
 * Abstract the invocation of a cache operation.
 *
 * <p>Does not provide a way to transmit checked exceptions but
 * provide a special exception that should be used to wrap any
 * exception that was thrown by the underlying invocation.
 * Callers are expected to handle this issue type specifically.
 *
 * @author Stephane Nicoll
 * @since 4.1
 */

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/**
 * {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
 * reference through WebSphere's proprietary {@code AdminServiceFactory} API,
 * available on WebSphere 5.1 and higher.
 *
 * <p>Exposes the {@code MBeanServer} for bean references.
 * This FactoryBean is a direct alternative to {@link MBeanServerFactoryBean},
 * which uses standard JMX 1.2 API to access the platform's MBeanServer.
 *
 * <p>See the javadocs for WebSphere's
 * <a href="https://bit.ly/UzccDr">{@code AdminServiceFactory}</a> and
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/support/MessageSourceResourceBundle.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/ImportSelector.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/i18n/LocaleContext.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/FilterType.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/support/ImportBeanDefinitionRegistrar.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/ConfigurationClassParser.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/CommonAnnotationBeanPostProcessor.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/format/number/money/Jsr354NumberFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/jndi/JndiObjectTargetSource.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/i18n/SimpleLocaleContext.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/support/ApplicationListenerDetector.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/support/ApplicationEventMulticaster.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/ContextAnnotationAutowireCandidateResolver.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/cache/interceptor/SimpleCacheErrorHandler.java
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* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/jmx/export/metadata/ManagedNotification.java
* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/format/datetime/joda/JodaDateTimeFormatAnnotationFormatterFactory.java
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* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/cache/config/CacheNamespaceHandler.java
* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/config/MBeanExportBeanDefinitionParser.java
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* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/validation/support/BindingAwareModelMap.java
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* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/format/datetime/standard/Jsr310DateTimeFormatAnnotationFormatterFactory.java
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* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/AnnotationScopeMetadataResolver.java
* /opt/cola/permits/110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/cache/support/SimpleCacheManager.java
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jar/org/springframework/jmx/export/annotation/ManagedNotification.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
jar/org/springframework/jmx/export/annotation/ManagedMetric.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
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jar/org/springframework/remoting/RemoteTimeoutException.java
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jar/org/springframework/scripting/config/LangNamespaceHandler.java
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jar/org/springframework/scripting/ScriptEvaluator.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/event/EventListenerFactory.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/context/annotation/PropertySources.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/validation/annotation/Validated.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
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  jar/org/springframework/format/Printer.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/framework/remoting/RemoteInvocationFailureException.java
* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/framework/context/annotation/EnableMBeanExport.java
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* /opt/cola/permits/1110677009_1606843451.03/0/spring-context-5-1-6-release-sources-jar/org/springframework/framework/jmx/access/MBeanInfoRetrievalException.java

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==============

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1.2024 telepathy 0.24.1-1.el7

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*
* $Id: sha1.h 347 2003-02-23 22:11:49Z asaddi $
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1.2025 guava 28.0-android

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*/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/UnsignedBytes.java
*/
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jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/HashMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ByFunctionOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/CompoundOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/Sets.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingConcurrentMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractMapEntry.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/HashMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingCollection.java

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jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ImmutableAsList.java
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jar/com/google/common/collect/ArrayTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/RegularImmutableList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ImmutableSetMultimap.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/base/CommonPattern.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/base/CommonMatcher.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/base/PatternCompiler.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/base/Pattern.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/base/JsPattern.java
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* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* java.util.HashMap class.
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/Striped.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/AbstractNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/GraphConstants.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ConfigurableNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ConfigurableMutableGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/NetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ForwardingNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/EdgesConnecting.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ElementOrder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/MapIteratorCache.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/graph/ConfigurableMutableValueGraph.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Platform.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/StandardTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Tables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Range.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/TreeBasedTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/EmptyImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Table.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Serialization.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/HashBasedTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/UnmodifiableIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/StandardRowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableMapValues.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableMapEntrySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableMultimap.java
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jar/com/google/common/hash/package-info.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/ReaderInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/Platform.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/hash/MacHashFunction.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/MoreObjects.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/SubscriberRegistry.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/cache/LongAdder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/cache/Striped64.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/hash/Striped64.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
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 */

/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable} key.</b> Proper calls will resolve to the version in {@link ImmutableSortedMap}, not this dummy version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable} to use {@link ImmutableSortedMap#of(Comparable, Object)}.</b>
 */

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 */
/
/**
 * Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
 * { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
 * under GWT but with a slightly different signature.
 *
 * <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
 * it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
 * compiler to autostrip the normal server method in order to expose the special, inherited GWT
 * version.
 */

Found in path(s):
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jar/com/google/common/util/concurrent/Partially.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SortedMultisets.java

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 */

/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p>TODo(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Strings.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Ascii.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/annotations/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SortedLists.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/annotations/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/net/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/Monitor.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Equivalence.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/Atomics.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/primitives/Doubles.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/net/InetAddresses.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/base/internal/Finalizer.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/primitives/Longs.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/net/PercentEscaper.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/FluentIterable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/io/FileBackedOutputStream.java
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    jar/com/google/common/cache/AbstractCache.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
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*/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/GeneralRange.java
*/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/AbstractRangeSet.java
*/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SortedIterables.java
*/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableSortedMultiset.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/eventbus/Subscribe.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/io/MultiInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/eventbus/DeadEvent.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/io/CharStreams.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/io/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
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*/
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/HashMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Defaults.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Charsets.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/EventBus.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Function.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Predicates.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/FinalizableWeakReference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Functions.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Supplier.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Throwables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Preconditions.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/CountingInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Predicate.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/package-info.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/escape/CharEscaper.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
jar/com/google/common/util/concurrent/Futures.java

* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/io/AppendableWriter.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/hash/ImmutableSupplier.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/util/concurrent/ExecutionSequencer.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/RowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/SortedMapDifference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/UnmodifiableListIterator.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/Traverser.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/BaseGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ObjectCountHashMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ObjectCountLinkedHashMap.java

1.2026 libgpg-error 1.12-3.el7atomix1

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1.2029 maven-settings 2.0.7

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* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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* @author Rossen Stoyanchev 
* @since 3.1
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* /opt/ws_local/PERMITS_SQL/1069262488_1594595119.88/0/spring-webmvc-5-1-9-release-sources-jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java
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XSLT-driven View that allows for response context to be rendered as the result of an XSLT transformation.

The XSLT Source object is supplied as a parameter in the model and then located during response rendering. Users can either specify a specific entry in the model via the `sourceKey` property or have Spring locate the Source object. This class also provides basic conversion of objects into Source implementations. See `getSourceTypes()` for more details.

All model parameters are passed to the XSLT Transformer as parameters. In addition the user can configure `outputProperties` to be passed to the Transformer.

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1.2057 javassist 3.21.0-GA

1.2058 log4j-slf4j-impl 2.11.2
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**1.2059 aspect-j 1.7.4**

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Manifest-Version: 1.0

Name: org/aspectj/lang/
Specification-Title: AspectJ Runtime Classes
Specification-Version: 1.7
Specification-Vendor: aspectj.org
Implementation-Title: org.aspectj.tools
Implementation-Version: 1.7.4
Implementation-Vendor: aspectj.org
Bundle-Name: AspectJ Runtime
Bundle-Version: 1.7.4
Bundle-Copyright: (C) Copyright 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC), 2003-2009 Contributors. All Rights Reserved.

Found in path(s):
* /opt/cola/permits/1001161107_1607089727.88/0/aspectjrt-1-7-4-jar/META-INF/MANIFEST.MF

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**1.2060 batik-svgen 1.7**

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1.2061 lzo 2.06 8.el7

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/**
* XSLT-driven View that allows for response context to be rendered as the
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*
* <p>The XSLT Source object is supplied as a parameter in the model and then
* detected by the XSLT Transformer as parameters. Users can either specify
* a specific entry in the model via the setSourceKey property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See getSourceTypes() here
* for more details.
*
* All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure setOutputProperties output properties
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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*/opt/cola/permits/1104729246_1604648860.36/0/spring-webmvc-5-2-10-release-sources-
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* /opt/cola/permits/1104729246_1604648860.36/0/spring-webmvc-5-2-10-release-sources-jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java
* /opt/cola/permits/1104729246_1604648860.36/0/spring-webmvc-5-2-10-release-sources-jar/org/springframework/web/servlet/tags/form/AbstractMultiCheckedElementTag.java
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jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java

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@since 3.1

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* /opt/cola/permits/1104729246_1604648860.36/0/spring-webmvc-5-2-10-release-sources-jar/org/springframework/web/servlet/tags/form/OptionWriter.java
* /opt/cola/permits/1104729246_1604648860.36/0/spring-webmvc-5-2-10-release-sources-jar/org/springframework/web/servlet/handler/ConversionServiceExposingInterceptor.java
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* /opt/ws_local/PERMITS_SQL/1091710504_1600571841.41/0/wildfly-elytron-auth-1-11-2-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710504_1600571841.41/0/wildfly-elytron-auth-1-11-2-final-sources-jar/org/wildfly/security/auth/principal/NamePrincipal.java

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1.2076 byte-buddy 1.7.11

1.2077 perl 5.16.3-294.el7_6

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<signature of Ty Coon>, 1 April 1989
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The End
---
abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>,'
  - "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-
build@perl.org>.'
built_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
  license: http://dev.perl.org/licenses/
  repository: http://github.com/dagolden/module-build/
  version: 3

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the `perl -v` output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the `--now` option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
  my $current_year = (gmtime)[5] + 1900;
  is $v_year, $current_year, "perl -v copyright includes current year";
  is $readme_year, $current_year, "README copyright includes current year";
}

# Otherwise simply check that the two copyright dates match each other:
else
{
  is $readme_year, $v_year, "README and perl -v copyright dates match";
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
  open my $readme, '<', '../README' or die "Opening README failed: $!";

  # The copyright message is the first paragraph:
  local $/ = ";
  my $copyright_msg = <$readme>;

  my ($year) = $copyright_msg =~ /.*\b\d{4,}/s
   or die "Year not found in README copyright message '$copyright_msg'";

  $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{
  my $output = runperl switches => ['-v'];
  my ($year) = $output =~ /\b\d{4,}/i
   or die "Copyright statement not found in perl -v output '$output'";

  $year;
}
1.2078 spring-ldap 1.3.1.RELEASE

1.2078.1 Available under license:

No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/ContextSourceAndHibernateTransactionManager.j
ava

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Found in path(s):
* /opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/core/simple/ParameterizedContextMapperWithControls.java
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*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/TransactionAwareContextSourceProxy.java
*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/ContextSourceTransactionManager.java
*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/DirContextHolder.java
*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/TransactionAwareDirContextInvocationHandler.java
*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/ContextSourceTransactionManagerDelegate.java
*/opt/cola/permits/1110675337_1606843176.47/0/spring-ldap-1-3-1-release-sources-2-
jar/org/springframework/ldap/transaction/compensating/manager/ContextSourceAndDataSourceTransactionManager.java
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Version 2.1, February 1999

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Enterprise-ready production-ready SOAP-Webservices powered by Spring Boot & Apache CXF
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> !! This document applies to the next version under development.
>
> &nbsp; &nbsp; See [here for documentation on the latest released version](https://github.com/codecentric/cxf-spring-boot-starter/tree/1.1.1.RELEASE).

# Features include:

* __Generating all necessary Java-Classes__ using JAX-B from your WSDL/XSDs (using the complementing Maven plugin [cxf-spring-boot-starter-maven-plugin]
* __Booting up Apache CXF within Spring Context with __100% pure Java-Configuration__
* __Complete automation of Endpoint initialization__ - no need to configure Apache CXF Endpoints, thats all done for you automatically based upon the WSDL and the generated Java-Classes (bringing up a nice [Spring Boot 1.4.x Failure Message](http://docs.spring.io/spring-boot/docs/current/reference/html/boot-features-spring-application.html#_startup_failure) if you missed something :) )
* Customize SOAP service URL and the title of the CXF generated Service site
* __Configures CXF to use slf4j__ and serve Logging-Interceptors, to log only the SOAP-Messages onto console
* Extract the SoapMessages for processing in ELK-Stack, like [docker-elk](https://github.com/jonashackt/docker-elk)
* Tailor your own custom SOAP faults, that comply with the exceptions defined inside your XML schema
* SOAP Testing-Framework: With XmlUtils to easy your work with JAX-B class handling & a SOAP Raw Client to Test malformed XML against your Endpoints

# Documentation

There's also a blog post describing this project: [Spring Boot & Apache CXF SOAP on steroids fueled by cxf-spring-boot-starter](https://blog.codecentric.de/en/2016/10/spring-boot-apache-cxf-spring-boot-starter/)

### Initial Setup

* Create a Spring Boot maven project. Use the spring-boot-starter-parent as a parent and the spring-boot-maven-plugin as a build plugin (you could speed that up, if you use the [Spring Initializr](https://start.spring.io/)).
* Then append cxf-spring-boot-starter as dependency and the [cxf-spring-boot-starter-maven-plugin] as build-plugin (see the example [cxf-boot-simple]):

```xml
<dependencies>
  <dependency>
    <groupId>de.codecentric</groupId>
    <artifactId>cxf-spring-boot-starter</artifactId>
    <version>2.1.2.RELEASE</version>
  </dependency>
</dependencies>
```

```xml
<build>
  <plugins>
    <plugin>
      <groupId>de.codecentric</groupId>
      <artifactId>cxf-spring-boot-starter-maven-plugin</artifactId>
      <version>2.0.0.RELEASE</version>
      <executions>
        <execution>
          <goals>
            <goal>generate</goal>
          </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
```
* place your .wsdl-File (and all the imported XSDs) into a folder somewhere under __src/main/resources__ (see [cxf-spring-boot-starter-maven-plugin] for details)

* run __mvn generate-sources__ to generate all necessary Java-Classes from your WSDL/XSD

* Implement the [javax.jws.WebService](http://docs.oracle.com/javaee/7/api/javax/jws/WebService.html) annotated Interface (your generated __Service Endpoint Interface (SEI)__ ) - it is the starting point for your development and is needed to autoconfigure your Endpoints. See the [WeatherServiceEndpoint](https://github.com/codecentric/spring-samples/blob/master/cxf-boot-simple/src/main/java/de/codecentric/soap/endpoint/WeatherServiceEndpoint.java) class inside the [cxf-boot-simple] project.

* Thats it

# Additional Configuration Options

### Customize URL, where your SOAP services are published

* create a application.properties and set the BaseURL of your Webservices via __soap.service.base.url=/yourUrlHere__

### Customize title of generated CXF-site

* place a __cxf.servicelist.title=Your custom title here__ in application.properties

### SOAP-Message-Logging

Activate SOAP-Message-Logging just via Property __soap.messages.logging=true__ in application.properties (no more configuration on the Endpoint needed)

SOAP-Messages will be logged only and printed onto STDOUT/Console for fast analysis in development.

### Extract the SoapMessages for processing in ELK-Stack

The cxf-spring-boot-starter brings some nice features, you can use with an ELK-Stack to monitor your SOAP-Service-Calls:

* Extract SOAP-Service-Method for Loganalysis (based on WSDL 1.1 spec, 1.2 not supported for now - because this is read from the HTTP-Header field SoapAction, which isn mandatory in 1.2 any more)
* Dead simple Calltime-Logging
* Correlate all Log-Messages (Selfmade + ApacheCXFs SOAP-Messages) within the Scope of one Service-Consumer’s Call in Kibana via logbacks [MDC], placed in a Servlet-Filter

##### HowTo use

* Activate via Property __soap.messages.extract=true__ in application.properties
* Add a `logback-spring.xml` file to `src/main/resources` (otherwise the feature will not be activated) and configure the [logstash-logback-encoder] (which is delivered with this spring-boot-starter), like:

```xml
<configuration>
  <include resource="org/springframework/boot/logging/logback/base.xml"/>
  <logger name="org.springframework" level="WARN"/>
  <!-- more logging config here -->
</configuration>
```

* Now some fields will become available in your kibana dashboard (in other words in your elasticsearch index), e.g. `soap-message-inbound` contains the Inbound Message

* see all of them here [ElasticsearchField.java](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/logging/ElasticsearchField.java)

* Additionally [Spring Cloud Sleuth](http://cloud.spring.io/spring-cloud-sleuth/) will provide detailed tracing information of your services. Sleuth will populate the Logback MDC automatically with the tracing information. You can for example retrieve the Trace-Id of the current call via `MDC.get("X-B3-TraceId")`.

* The default is to use the ELK stack for log analysis. With further configuration you can even extend the tracing infrastructure to use more tailored tracing tools like [Zipkin](http://zipkin.io/).
### Custom SOAP faults for XML Schema Validation Errors

The standard behavior of Apache CXF with XML validation errors (non schema compliant XML or incorrect XML itself) is to return a SOAP fault including the corresponding exception in CXF:
```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <soap:Fault>
      <faultcode>soap:Server</faultcode>
      <faultstring>wrong number of arguments while invoking public de.codecentric.namespace.weatherservice.general.ForecastRequest de.codecentric.cxf.WeatherServiceEndpoint.getCityForecastByZIP(de.codecentric.namespace.weatherservice.general.ForecastRequest) throws net.bipro.namespace.BiproException with params null.</faultstring>
    </soap:Fault>
  </soap:Body>
</soap:Envelope>
```

Many SOAP based standards demand a custom SOAP-Fault, that should be delivered in case of XML validation errors. To Implement that behavior, you have to:
* Override Method createCustomFaultMessage(FaultType faultContent) and give back appropriate Messages you want to see in faultstring: `<soap:Fault><faultstring>YOUR CUSTOM MESSAGE HERE</faultstring>`
* Override Method createCustomFaultDetail(String originalFaultMessage, FaultType faultContent) and return the JAX-B generated Object, that represents your WebService Fault-Details (be really careful to take the right one!!, often the term 'Exception' is used twice... - e.g. with the [BiPro]-Services)
* Configure your Implementation as @Bean - only then, XML Schema Validation will be activated

### Testing SOAP web services

##### Create a WebService Client

* If you instantiate a JaxWsProxyFactoryBean, you need to set an Adress containing your configured (or the standard) soap.service.base.url. To get the correct path, just autowire the CxfAutoConfiguration like:

```
@Autowired
private CxfAutoConfiguration cxfAutoConfiguration;
```

and obtain the __base.url__ and the __serviceUrlEnding__ (this one is derived from the wsdl:service name attribute of your WSDL) by calling

```
cxfAutoConfiguration.getBaseAndServiceEndingUrl()
```
##### Integrate real XML test files into your Unit-, Integration- or SingleSystemIntegrationTests

As described [in this blogpost](https://blog.codecentric.de/en/2016/06/spring-boot-apache-cxf-testing-soap-webservices/) the best gut feeling one could get while writing SOAP Tests, is the usage of real XML test files. To easily marshall these into your Java classes with JAX-B, this starter brings a utility class [de.codecentric.cxf.common.XmlUtils](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/common/XmlUtils.java) with lots of useful methods like `readSoapMessageFromStreamAndUnmarshallBody2Object(java.io.InputStream fileStream, Class<T> jaxbClass)`. Then you could do things inside your testcases like:

```java
@Value(value="classpath:requests/GetCityForecastByZIPTest.xml")
private org.springframework.core.io.Resource GetCityForecastByZIPTestXml;

@Test
public void getCityForecastByZIP() throws WeatherException, BootStarterCxfException, IOException {
    GetCityForecastByZIP getCityForecastByZIP =
        XmlUtils.readSoapMessageFromStreamAndUnmarshallBody2Object(GetCityForecastByZIPTestXml.getInputStream(), GetCityForecastByZIP.class);
    ...
}
```

##### SOAP Raw client

Enables automatic testing of malformed XML Requests (e.g. for Testing your Custom SOAP faults) with the [de.codecentric.cxf.soaprawclient.SoapRawClient](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/soaprawclient/SoapRawClient.java). To use it in your Testcases, initialize the SoapRawClient inside a @Configuration annotated Class like this:

```java
@Bean
public SoapRawClient soapRawClient() throws BootStarterCxfException {
    return new SoapRawClient(buildUrl(), YourServiceInterface.class);
}

public String buildUrl() {
    // return something like http://localhost:8084/soap-api/WeatherSoapService
    return "http://localhost:8084" + cxfAutoConfiguration.getBaseAndServiceEndingUrl();
}

@Autowired
private CxfAutoConfiguration cxfAutoConfiguration;
```

### Running Client-only mode

```java
...
```
If you'd like to run Apache CXF only to call other SOAP web services but don't want to provide one for yourself, than booting up a complete server is a bit too much for you. Therefore you are also able to deactivate the Complete automation of Endpoint initialization feature, which only makes sense if you have an Endpoint to fire up. You can deactivate it with the following property in your application.properties:

```java
endpoint.autoInit=false
```

### Concepts

#### Complete automation of Endpoint initialization

##### 100% contract first approach

Taking into account a **100% contract first development approach** there shouldn't be a single reason, why one has to manually configure Endpoints in Apache CXF - because pretty much every piece of information that is necessary to configure them should be available through the WSDL. Since the start of this spring-boot-starter project, this was a thought that didn't let me go.

To understand, how the complete automation of Endpoint initialization is implemented in the cxf-spring-boot-starter, lets first have a look on how the initialization works without the help of the starter. To instantiate & publish a `org.apache.cxf.jaxws.EndpointImpl`, we need the SEI implementing class and the generated WebServiceClient annotated class. In a non-automated way to use Apache CXF to fire up JAX-WS endpoints, this is done with code like this:

```java
@Bean
public WeatherService weatherService() {
    return new WeatherServiceEndpoint();
}

@Bean
public Endpoint endpoint() {
    EndpointImpl endpoint = new EndpointImpl(springBus(), weatherService());
    endpoint.setServiceName(weather().getServiceName());
    endpoint.setWsdlLocation(weather().getWSDLDocumentLocation().toString());
    endpoint.publish(serviceUrlEnding());
    return endpoint;
}

@Bean
public Weather weather() {
    // Needed for correct ServiceName & WSDLLocation to publish contract first incl. original WSDL
    return new Weather();
}
```
The easier parts are the SpringBus, which we already have instantiated in our
[CxfAutoConfiguration](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/configuration/CxfAutoConfiguration.java), and the
serviceUrlEnding, which is constructed from the configurable base url and the WSDL tags `service name` content.
To instantiate the EndpointImpl, set the service name and the WSDL location correctly, we need the __SEI
implementing class__ (which you have to write yourself, because its the starting point for your implementation) and
the generated __WebServiceClient annotated class__.

##### Scanning...

Because a spring-boot-starter is a generic thing everybody can use just via including it in the pom, these two classes
are not fixed - they are always generated or derived from generated classes. Therefore we have to search for them -
according to some things we know. The search is done with the help of Springs
[ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html) (instead of
using the really nice [fast-classpath-scanner](http://stackoverflow.com/questions/259140/scanning-java-annotations-at-runtime/1415338#comment70214187_1415338), which didnt work well in this use case).

Either scanning framework you use, self written or library - any of them will be much faster, if you have the package
names of the searched classes. In some scenarios -especially with the
ClassPathScanningCandidateComponentProvider used here - you __have to know__ the packages, otherwise
scanning will fail (because it tries to double-scan [the package org.springframework
itself](https://github.com/spring-projects/spring-boot/issues/3850)). So to search for the WebServiceClient annotated
class and the SEI itself (which we need to scan for the SEI implementation, which is only characterized due to the
fact of implementing the SEI), we need to somehow know their package beforehand.

Here [cxf-spring-boot-starter-maven-plugin](https://github.com/codecentric/cxf-spring-boot-starter-maven-plugin)
comes to our rescue. With the new 1.0.8s feature [Extract the targetNamespace from the WSDL, generate the SEI
and WebServiceClient annotated classes package names from it & write it together with the projects package name
into a cxf-spring-boot-maven-plugin/issue/6](https://github.com/codecentric/cxf-spring-boot-starter-maven-plugin/issue/6) the package names are extracted into a __cxf-spring-boot-maven.properties__ file inside your
`project.buildpath while a `mvn generate-sources` is ran. The package name of the WebServiceClient annotated
class and the SEI are derived from the WSDL:

> To get this 100% right, we need to use the same mechanism as the [jaxws-maven-plugin](https://github.com/mojohaus/jaxws-maven-plugin), which itself uses [WSimportTool](https://github.com/gf-metro/jaxws/blob/master/jaxws-ri/tools/wscompile/src/main/java/com/sun/tools/ws/wscompile/WSimportTool.java)
of the [JAXWS-RI implementation](https://github.com/gf-metro/jaxws), to obtain the package-Name from the
WSDL file, where the classes are generated to. The __WSDLs targetNamespace__ is used to generate the package
name. If you have targetNamespace="http://www.codecentric.de/namespace/weatherservice/" for example, your
package will be de.codecentric.namespace.weatherservice. One can find the code used to generate the package name
in the [WSDLModeler](https://github.com/gf-metro/jaxws/blob/master/jaxws-ri/tools/wscompile/src/main/java/com/sun/tools/ws/processor/modeler/wsd/WSMLModeler.java) at line 2312 (This
algorithm is specified in the JAXB spec. So we rely onto it):

```java
String wsdlUri = document.getDefinitions().getTargetNamespaceURI();
```
The package name of the SEI implementing class is a bit more of a guesswork, because this class could literally reside everywhere. BUT: If you start a project to use a spring-boot-starter, the 99.9% case will be to start with a Maven pom - and even faster through the usage of the [Spring initializr](http://start.spring.io/). It should be safe to rely on that and just guess the package name from your projects pom. This will in 99.9% of all cases contain your SEI implementing class, which is your entry point to develop a SOAP web service with this starter and CXF.

###### Auto initialize the Endpoint!

![Complete automation of endpoint initialization](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/completeAutomationOfEndpointInitialization.png)

Now having the package names of every needed class residing in the `__cxf-spring-boot-maven.properties` file after a run of `mvn generate-sources`, using Springs [ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html) to scan for the WebServiceClient annotated class is easy - just adding a new [AnnotationTypeFilter](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/core/type/filter/AnnotationTypeFilter.html) and voila we've got the class. Obtaining the class of an interface which has some annotation isn't possible with the Spring scanner at first sight (and therefore we had a [long experimenting phase with the fast-classpath-scanner](https://github.com/codecentric/cxf-spring-boot-starter/issues/6)). But looking a bit deeper, this is also possible - just via a [really small hack :)](http://stackoverflow.com/questions/17477255/component-scan-for-custom-annotation-on-interface/41504372#41504372), which only means to override the [ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html):

```java
ClassLoaderScanningCandidateComponentProvider scanningProvider = new ClassPathScanningCandidateComponentProvider(false) {
    @Override
    protected boolean isCandidateComponent(AnnotatedBeanDefinition beanDefinition) {
        return true;
    }
};
```

Now were able to scan for the SEI. And with that and adding the [AssignableTypeFilter](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/core/type/filter/AssignableTypeFilter.html) we also get the needed SEI implementing class.

Having all the three necessary classes at hand, we can easily and automatically fire up a `org.apache.cxf.jaxws.EndpointImpl`!

If you start your Spring Boot application and everything went fine, then you should see some of those log messages...
inside your console:

```java
[...] INFO 83684 --- [ost-startStop-1] d.c.c.a.WebServiceAutoDetector : Found WebServiceClient class:
'de.codecentric.namespace.weatherservice.Weather'
[...] INFO 83684 --- [restoredMain] d.c.c.a.WebServiceAutoDetector : Found Service Endpoint Interface
(SEI): 'de.codecentric.namespace.weatherservice.WeatherService'
[...] INFO 83684 --- [restoredMain] d.c.c.a.WebServiceAutoDetector : Found SEI implementing class:
'de.codecentric.soap.endpoint.WeatherServiceEndpoint'
```

Deactivate autoinitialization

Although it should be a great feature to be able to work 100% contract first, there might be situations, where one
wants to deactivate it. E.g. while running in [client-only mode](https://github.com/codecentric/cxf-spring-boot-
starter#running-client-only-mode).

Because there is (& sadly will be) [no @ConditionalOnMissingProperty in Spring Boot](https://github.com/spring-
projects/spring-boot/issues/4938), we need to use a workaround:

```java
@Bean
@ConditionalOnProperty(name = "endpoint.autoinit", matchIfMissing = true)
public Endpoint endpoint() throws BootStarterCxfException ...
```

To get the desired deactivation flag nevertheless, we need to use the
[@ConditionalOnProperty](http://docs.spring.io/spring-
boot/docs/current/api/org/springframework/boot/autoconfigure/condition/ConditionalOnProperty.html) in an
interesting way :) With the usage of `matchIfMissing = true` and `name = "endpoint.autoinit"` the autoinitialization
feature is activated in situations, where the property is missing or is set to `true`. Only, if `endpoint.autoinit=false`
the feature is disabled (which is quite ok in our use-case).

Setting the URL of the endpoint

You can manually specify the url of the Service Endpoint using the spring property:
`soap.service.publishedEndpointUrl`. This can be handy if your application is behind a reverse proxy and the
resulting WSDLs don't reflect that.

# Known limitations

### Using devtools with mvn spring-boot:run

If you want to use the well known [Spring Boot Developer Tools (devtools)](http://docs.spring.io/spring-
boot/docs/current/reference/html/using-boot-devtools.html) - no problem. As long as you dont want to use `mvn spring-boot:run`. Because of the devtools make usage of the [2 separate classloaders](http://docs.spring.io/spring-
boot/docs/1.4.2.RELEASE/reference/htmlsingle/#using-boot-devtools-restart) the scanned, found and instantiated
classes arent valid inside the other classloader and you could get into [trouble](https://github.com/codecentric/cxf-
spring-boot-starter/issues/6). This is only in combination with the [Complete automation of Endpoint initialization feature](https://github.com/codecentric/cxf-spring-boot-starter#complete-automation-of-endpoint-initialization) and the starting method `mvn spring-boot:run`. All the other starting mechanisms of Spring Boot will work as expected (`java -jar service.jar`, Starting inside the IDE via `Run as...` or in `mvn test`).

# Contribution

If you want to know more or even contribute to this Spring Boot Starter, maybe you need some information like:

* [The Missing piece - how @Conditional is also needed for your own custom spring boot starter](https://www.packtpub.com/books/content/writing-custom-spring-boot-starters)
* [Boot your own Infrastructure - JavaMagazin](https://public.centerdevice.de/a10fb484-49a8-4a70-ada9-5eeda8c69465)

[BiPro]:https://bipro.net
[logstash-logback-encoder]:https://github.com/logstash/logstash-logback-encoder
[MDC]:http://logback.qos.ch/manual/mdc.html
[cxf-boot-simple]:https://github.com/codecentric/spring-samples/tree/master/cxf-boot-simple

Found in path(s):
* /opt/cola/permits/1089321037_1602085151.96/0/codecentric-cxf-spring-boot-starter-2-1-2-release-0-g999ad74-tar-gz/codecentric-cxf-spring-boot-starter-81f451d/README.md
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1.2094 jackson 2.10.1

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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

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

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<html>
<head>
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<title>Eclipse.org Software User Agreement</title>
</head>
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March 17, 2005

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  jar/org/springframework/asm/Attribute.java
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DOCUMENTATION ROADMAP

This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log        Version-to-version change highlights.
Programmer and internal documentation:
libjpeg.doc       How to use the JPEG library in your own programs.
example.c         Sample code for calling the JPEG library.
structure.doc     Overview of the JPEG library's internal structure.
filelist.doc      Road map of IJG files.
coderules.doc     Coding style rules --- please read if you contribute code.

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

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

OVERVIEW
========

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

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

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

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

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

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

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

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

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

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

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


The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212)
642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

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1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314
A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

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

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

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

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

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

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RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

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

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

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO

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

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file.
As always, speeding things up is of great interest.

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

1.2123 rxjava 2.1.16

1.2124 wildfly-iiop-openjdk 14.0.1.Final

1.2124.1 Available under license :

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1.2129 wildfly-batch-jberet 14.0.1.Final

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1.2130 netty-codec 4.1.43.Final

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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/MessageAggregator.java
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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ClassResolvers.java
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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/MessageToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/MessageToByteEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ClassResolver.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ClassResolvers.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/MessageToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
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jar/io/netty/handler/codec/HeadersUtils.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
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jar/io/netty/handler/codec/ProtocolDetectionResult.java
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jar/io/netty/handler/codec/Headers.java
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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
jar/io/netty/handler/codec/string/LineEncoder.java
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jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
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/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
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*/
/**
 * A decoder that splits the received ByteBuf\s dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 * <p>
 * LengthFieldBasedFrameDecoder has many configuration parameters so
 * that it can decode any message with a length field, which is often seen in
 * proprietary client-server protocols. Here are some example that will give
 * you the basic idea on which option does what.
 * 
 * 2 bytes length field at offset 0, do not strip header
 * <p>
 * The value of the length field in this example is 12 (0x0C) which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
 * that the length field represents the number of the bytes that follows the
 * length field. Therefore, it can be decoded with the simplistic parameter
 * combination.
 * <pre>
 * lengthFieldOffset = 0
 * lengthFieldLength = 2
 * lengthAdjustment = 0
 * initialBytesToStrip = 0 (= do not strip header)
 * 
 * BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
 * +--------+----------------+      +--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
 * | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
 * +--------+----------------+      +--------+----------------+
 * </pre>
 *
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
* 
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
* 
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 | Length | Actual Content |----->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |      | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
* 
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
* 
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length | Header 1 | Actual Content |----->|  Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
* 
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
* 
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

* +----------------+------------------+
* | HDR1 | Length | HDR2 | Actual Content |
* +----------------+------------------+
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |
* +----------------+------------------+

* </pre>

* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field represents the length of the whole message</h3>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into \texttt{lengthAdjustment}.
* Please note that we don’t need to take the length of HDR2 into account because the length field already includes the whole header length.
* A<pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* \texttt{<b>lengthAdjustment</b>} = \texttt{<b>-3</b>} (= the length of HDR1 + LEN, negative)
* \texttt{<b>initialBytesToStrip</b>} = \texttt{<b>3</b>}
* A<pre>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

* +----------------+------------------+
* | HDR1 | Length | HDR2 | Actual Content |
* +----------------+------------------+
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |
* +----------------+------------------+

* </pre>

* @see LengthFieldPrepender
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1.jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Crc32.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java

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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
1.2131.1 aop-alliance 2.5.0

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analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/

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  jar/io/netty/handler/codec/ValueConverter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/DefaultHeadersImpl.java
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  jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/MessageAggregationException.java

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 */
/*
**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
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  jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/DecoderException.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/compression/MarshallingDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/serialization/ObjectDecoder.java
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* /opt/cola/permits/110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/ClassResolver.java
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A decoder that splits the received ByteBufs dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

The lengthFieldBasedFrameDecoder has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.

**2 bytes length field at offset 0, do not strip header**

The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```
   lengthFieldOffset = 0
   lengthFieldLength = 2
   lengthAdjustment = 0
   initialBytesToStrip = 0 (= do not strip header)
```

**2 bytes length field at offset 0, strip header**

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length.
* field by specifying \texttt{initialBytesToStrip}. In this example, we
* specified \texttt{2}, that is same with the length of the length field, to
* strip the first two bytes.

\begin{verbatim}
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* \texttt{initialBytesToStrip} = \texttt{2} (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)     AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
* \end{verbatim}

* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* \texttt{lengthAdjustment}. Because the length value in this example message
* is always greater than the body length by \texttt{2}, we specify \texttt{-2} for
* compensation.

\begin{verbatim}
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* \texttt{lengthAdjustment} = \texttt{-2} (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes)     AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* \end{verbatim}

* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. \texttt{lengthAdjustment} is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.

\begin{verbatim}
* lengthFieldOffset   = 2 (= the length of Header 1)
* \texttt{lengthFieldLength} = \texttt{3}

\end{verbatim}
* lengthAdjustment   = 0  
* initialBytesToStrip = 0  
* 
* BEFORE DECODE (17 bytes)  AFTER DECODE (17 bytes)  
* +---------------------------------+     +---------------------------------+  
* | Header 1 |  Length  | Actual Content | -----> | Header 1 | Length  | Actual Content |  
* | 0xCAFE   | 0x00000C | "HELLO, WORLD" |     | 0xCAFE   | 0x00000C | "HELLO, WORLD" |  
* +---------------------------------+     +---------------------------------+  
* </pre>  
* 
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>  
* 
* This is an advanced example that shows the case where there is an extra  
* header between the length field and the message body. You have to specify a  
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra  
* header into the frame length calculation.  
* <pre>  
* lengthFieldOffset   = 0  
* lengthFieldLength   = 3  
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)  
* initialBytesToStrip = 0  
* 
* BEFORE DECODE (17 bytes)  AFTER DECODE (17 bytes)  
* +---------------------------------+     +---------------------------------+  
* |  Length  | Header 1 | Actual Content | -----> |  Length  | Header 1 | Actual Content |  
* | 0x00000C | 0xCAFE   | "HELLO, WORLD" |     | 0x00000C | 0xCAFE   | "HELLO, WORLD" |  
* +---------------------------------+     +---------------------------------+  
* </pre>  
* 
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,  
* strip the first header field and the length field</h3>  
* 
* This is a combination of all the examples above. There are the prepended  
* header before the length field and the extra header after the length field.  
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra  
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero  
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended  
* header from the frame. If you don't want to strip the prepended header, you  
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.  
* <pre>  
* lengthFieldOffset   = 1 (= the length of HDR1)  
* lengthFieldLength   = 2  
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)  
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)  
* 
* BEFORE DECODE (16 bytes)  AFTER DECODE (13 bytes)  
* +--------------------------+     +--------------------------+  
* | HDR1 | Length | HDR2 | Actual Content | -----> | HDR2 | Actual Content |  
* +--------------------------+     +--------------------------+  
* </pre>
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +---------------------------------+---------------------------------+
* </pre>
* 
* **2 bytes length field at offset 1 in the middle of 4 bytes header,**
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
* 
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
* 
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+----------------+      +----------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------------+
* </pre>
* @see LengthFieldPrepender
*

```javascript
Found in path(s):
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
```

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1.2153 btrfs-progs 4.9.1-1.el7

1.2154 repository-url 6.8.3

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1.2156 yum-utils 1.1.31-54.el7_8

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1.2158 jackson-module-jaxb-annotations 2.9.9
1.2159 jackson-module-parameter-names

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2000-05-05

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jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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jar/io/netty/channel/DefaultSelectStrategy.java
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jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
jar/io/netty/channel/socket/DuplexChannel.java

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* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
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  jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
  jar/io/netty/channel/ConnectTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
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  jar/io/netty/channel/AbstractEventLoopGroup.java
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  jar/io/netty/channel/MessageSizeEstimator.java
* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-
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* */
/** *
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
Sub-types

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

- {@link ChannelInboundHandler} to handle inbound I/O events, and
- {@link ChannelOutboundHandler} to handle outbound I/O operations.

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

- {@link ChannelInboundHandlerAdapter} to handle inbound I/O events,
- {@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and
- {@link ChannelDuplexHandler} to handle both inbound and outbound events.

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

The context object

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

State management

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

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

public class DataServerHandler extends SimpleChannelInboundHandler&lt;Message&gt; {
    private boolean loggedIn;

    @Override
    public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
```

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authenticate((LoginMessage) message);
<b>loggedIn = true;</b>
} else (message instanceof GetDataMessage) {
    if (<b>loggedIn</b>) {
        ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
    } else {
        fail();
    }
}

Because the handler instance has a state variable which is dedicated to
one connection, you have to create a new handler instance for each new
channel to avoid a race condition where a unauthenticated client can get
the confidential information:

// Create a new handler instance per channel.
// See {@link ChannelInitializer#initChannel(Channel)}.
public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
    @Override
    public void initChannel({@link Channel} channel) {
        channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
    }
}

<h4>Using {@link AttributeKey}s</h4>

Although it's recommended to use member variables to store the state of a
handler, for some reason you might not want to create many handler instances.
In such a case, you can use {@link AttributeKey}s which is provided by
{@link ChannelHandlerContext}:

public interface Message {
    // your methods here
}

public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
    private final {@link AttributeKey}<{@link Boolean}> auth =
            {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth");

    @Override
    public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
        {@link Attribute}<{@link Boolean}> attr = ctx.attr(auth);
* if (message instanceof LoginMessage) {
    * authenticate((LoginMessage) o);
    * <b>attr.set(true)</b>;
* } else (message instanceof GetDataMessage) {
    * if (<b>Boolean.TRUE.equals(attr.get())</b>) {
      * ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
* } else {
    * fail();
    * }
* }
* ...
* }
* </pre>
* Now that the state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}<b>&lt;@</b>Channel&gt; {<b>&lt;/</b>
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*     {
*         @code @Override
*         public void initChannel({@link Channel} channel) {
*             channel.pipeline().addLast("handler", <b>SHARED</b>);
*         }
*     }
* </pre>

* <h4>The {code @Sharable} annotation</h4>
* In the example above which used an {link AttributeKey},
* you might have noticed the {code @Sharable} annotation.
* <p>
* If a {link ChannelHandler} is annotated with the {code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <p>
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the [@link ChannelHandler], and
* [@link ChannelPipeline] to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/ws_local/PERMITS_SQL/1063377421_1592971888.81/0/netty-transport-4-1-43-final-sources-1-jar/io/netty/channel/embedded/EmbeddedChannelId.java
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1.2175 commons-lang3 3.4

1.2176 slf4j 1.7.21

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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-
jar/org/springframework/core/type/StandardClassMetadata.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-
jar/org/springframework/core/task/support/ExecutorServiceAdapter.java
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jar/org/springframework/cglib/package-info.java
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jar/org/springframework/core/env/ConfigurableEnvironment.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-
jar/org/springframework/core/convert/support/ObjectToCollectionConverter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-
jar/org/springframework/core/SpringVersion.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-
jar/org/springframework/core/SimpleAliasRegistry.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/util/PathMatcher.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/PropertiesToStringConverter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/SerializingConverter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/io/InputStreamResource.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/NumberToCharacterConverter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/serialVersionUIDSerializer.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/io/util/xml/SimpleTransformErrorListener.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/type/classreading/MetadataReaderFactory.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/io/ClassRelativeResourceLoader.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/ObjectToArrayConverter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/OverridingClassLoader.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/Converter.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/style/StringStyler.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/io/support/ResourcePatternUtils.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/util/Log4jConfigurer.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/CharacterToNumberFactory.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/SmartClassLoader.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/StringToUUIDConverter.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/Item.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/ClassVisitor.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/ClassReader.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/ClassReader.java
jar/org/springframework/asm/FieldVisitor.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/MethodVisitor.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/FieldWriter.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/ByteVector.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/asm/AnnotationVisitor.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/convert/support/ConvertingPropertyEditorAdapter.java
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    jar/org/springframework/core/io/support/ResourcePropertySource.java
* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/util/MethodInvoker.java
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* /opt/ws_local/PERMITS_SQL/1091710609_1600572269.21/0/spring-core-4-0-2-release-sources-jar/org/springframework/core/env/EnvironmentCapable.java
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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestMethodArgumentResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/mvc/condition/ParamsRequestCondition.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/mvc/condition/PagesRequestCondition.java

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jar/org/springframework/web/servlet/view/velocity/VelocityToolboxView.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-
jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-
jar/org/springframework/web/servlet/handler/DispatcherServletWebRequest.java
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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
jar/org/springframework/web/servlet/view/AbstractTemplateViewResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java
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XSLT-driven View that allows for response context to be rendered as the result of an XSLT transformation.

The XSLT Source object is supplied as a parameter in the model and then detected during response rendering. Users can either specify a specific entry in the model via the sourceKey property or have Spring locate the Source object. This class also provides basic conversion of objects into Source implementations. See here for more details.

All model parameters are passed to the XSLT Transformer as parameters. In addition the user can configure output properties to be passed to the Transformer.

@since 2.0

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jar/org/springframework/web/servlet/FrameworkServlet.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/tiles2/SpringWildcardServletTilesApplicationContext.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/tiles2/TilesConfigurer.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/DispatcherServlet.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/tags/EvalTag.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/HttpServletBean.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistry.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestDataBinderFactory.java

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* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestDataBinderFactory.java

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A contract for inspecting and potentially modifying request data values such as URL query parameters or form field values before they are rendered by a view or before a redirect.

Implementations may use this contract for example as part of a solution to provide data integrity, confidentiality, protection against cross-site request forgery (CSRF), and others or for other tasks such as automatically adding a hidden field to all forms and URLs.

View technologies that support this contract can obtain an instance to delegate to via `RequestContext#getRequestDataValueProcessor()`.

@since 3.1

Found in path(s):

```
/opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java
```

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 * /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/mvc/annotation/ResponseStatusExceptionResolver.java
 * /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/i18n/FixedLocaleResolver.java
 * /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/tags/tags/BindErrorsTag.java
 * /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/tags/escape/EscapeBodyTag.java
 * /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/tags/tags/EscapeBodyTag.java
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  jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/view/AbstractTemplateViewResolver.java

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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java

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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java
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jar/org/springframework/web/servlet/config/annotation/EnableWebMvc.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
jar/org/springframework/web/servlet/config/annotation/InterceptorRegistry.java

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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
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 */  
/**  
* XSLT-driven View that allows for response context to be rendered as the  
* result of an XSLT transformation.  
*  
* <p>The XSLT Source object is supplied as a parameter in the model and then  
* [ @@link locateSource detected ] during response rendering. Users can either specify  
* a specific entry in the model via the [ @@link setSourceKey sourceKey ] property or  
* have Spring locate the Source object. This class also provides basic conversion  
* of objects into Source implementations. See [ @@link getSourceTypes() here ]  
* for more details.  
*  
* <p> All model parameters are passed to the XSLT Transformer as parameters.  
* In addition the user can configure [ @@link setOutputProperties output properties ]  
* to be passed to the Transformer.  
*  
* @author Rob Harrop  
* @author Juergen Hoeller  
* @since 2.0  
*/

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jar/org/springframework/web/servlet/view/xslt/XsltView.java  
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* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/ViewResolver.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/mvc/multiaction/MethodNameResolver.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/view/velocity/VelocityConfigurer.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/view/AbstractUrlBasedView.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/config/annotation/InterceptorRegistration.java
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* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/EditorAwareTag.java

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* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/document/AbstractPdfStamperView.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/mvc/support/ControllerTypePredicate.java
* /opt/cola/permits/1110676884_1606843964.15/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/handler/UserRoleAuthorizationInterceptor.java

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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/tiles2/SpringBeanPreparerFactory.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerViewResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfig.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-jar/org/springframework/web/servlet/view/tiles2/SpringLocaleResolver.java
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* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/View.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/view/jasperreports/ConfigurableJasperReportsView.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/method/annotation/UriComponentsBuilderMethodArgumentResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/method/annotation/ExtendedServletRequestDataBinder.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/view/XmlViewResolver.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodProcessor.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
  jar/org/springframework/web/servlet/AsyncHandlerInterceptor.java
* /opt/cola/permits/1110676884_1606843965.18/0/spring-webmvc-4-0-2-release-sources-1-
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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins)
    id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
    id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
Received: from tepui.cli.com by cli.com (4.1/SMI-4.1)
    id AA27213; Thu, 25 May 95 11:18:25 CDT
Received: by tepui.cli.com (4.1) id AA16031; Thu, 25 May 95 11:18:23 CDT
Message-Id: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

>Hi. I snagged some of your bash functions from your home directory on
>the FSF machines (naughty, I know), and I was wondering if you'd let
>me distribute them with bash-2.0. Thanks.

Sure. I think there's a later copy in
~ftp/friedman/shell-inits/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.
It should serve as a pretty good example of how to get carried away. :-)  

From spcecdt@armory.com Wed May 10 10:21:11 1995  
Flags: 10  
Return-Path: spcecdt@armory.com  
Received: from po.cwru.edu (root@po.CWRU.Edu [129.22.4.2]) by odin.INS.CWRU.Edu with ESMTP (8.6.10+cwru/CWRU-2.1-ins) id KAA22876; Wed, 10 May 1995 10:21:10 -0400 (from spcecdt@armory.com for <chet@odin.IN.S.CWRU.Edu>)  
Received: from deepthought.armory.com (mmdf@deephought.armory.com [192.122.209.42]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3) id BAA16354; Wed, 10 May 1995 01:33:22 -0400 (from spcecdt@armory.com for <chet@po.cwru.edu>)  
From: John DuBois <spcecdt@armory.com>  
Date: Tue, 9 May 1995 22:33:12 -0700  
In-Reply-To: Chet Ramey <chet@odin.ins.cwru.edu>  
    "ksh scripts" (May 9, 1:36pm)  
X-Www: http://www.armory.com/~spcecdt/  
X-Mailer: Mail User's Shell (7.2.5 10/14/92)  
To: chet@po.cwru.edu  
Subject: Re: ksh scripts  
Message-ID: <9505092233.aa13001@deephought.armory.com>  

Sure. The canonical versions are available on ftp.armory.com; you might want to pick up the latest versions before modifying them.

John

On May 9, 1:36pm, Chet Ramey wrote:

  } Subject: ksh scripts
  } From odin.ins.cwru.edu!chet Tue May 9 10:39:51 1995
  } Received: from odin.INS.CWRU.Edu by deepthought.armory.com id aa22336;
  } 9 May 95 10:39 PDT
  } Received: (chet@localhost) by odin.INS.CWRU.Edu (8.6.10+cwru/CWRU-2.1-ins)
  } id NAA20487; Tue, 9 May 1995 13:39:24 -0400 (from chet)
  } Date: Tue, 9 May 1995 13:36:54 -0400
  } From: Chet Ramey <chet@odin.ins.cwru.edu>
  } To: john@armory.com
  } Subject: ksh scripts
  } Cc: chet@odin.ins.cwru.edu
  } Reply-To: chet@po.cwru.edu
  } Message-ID: <9505091736.AA20411.SM@odin.INS.CWRU.Edu>
  } Read-Receipt-To: chet@po.CWRU.Edu
  } MIME-Version: 1.0
  } Content-Type: text/plain; charset=us-ascii
  } Status: OR
  }
  } Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for
  } the FSF.
  }
  } I picked up a tar file of ksh scripts you wrote from an anon FTP site
a while back. I'd like your permission to include modified versions
of some of them in the next major bash distribution (with proper credit
given, of course). Is it OK if I do that?

Chet Ramey

--
``The lyf so short, the craft so long to lerne.`` - Chaucer

Chet Ramey, Case Western Reserve University
Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

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From mikel@ora.com Tue Aug  1 12:13:20 1995
Flags: 10
Return-Path: mikel@ora.com
Received: from ruby.ora.com (ruby.ora.com [198.112.208.25]) by odin.INS.CWRU.Edu with ESMTP
(8.6.12+cwru/CWRU-2.1-ins)
id MAA01565; Tue, 1 Aug 1995 12:13:18 -0400 (from mikel@ora.com for <chet@odin.INS.CWRU.Edu>)
Received: (from fax@localhost) by ruby.ora.com (8.6.12/8.6.11) with UUCP id MAA23251; Tue, 1 Aug 1995
12:07:51 -0400
Received: by los.ora.com (4.1/Spike-2.1)
id AA00672; Tue, 1 Aug 95 08:57:32 EDT
Date: Tue, 1 Aug 95 08:57:32 EDT
From: mikel@ora.com (Michael Loukides)
Message-Id: <9508011257.AA00672@los.ora.com>
Subject: Re: Ksh debugger from Rosenblatt's book [for bash]
To: Chet Ramey <chet@odin.INS.CWRU.Edu>
Cc: cmarie@ora.com, cam@iinet.com.au, brosenblatt@tm.com
In-Reply-To: Chet Ramey <chet@odin.INS.CWRU.Edu>, Mon, 31 Jul 1995 16:22:48 -0400

I've modified a (modified) version of Bill Rosenblatt's ksh debugger
to work with bash-2.0. Does ORA have any problem with me distributing
it with bash-2.0?

That's great!

Go ahead and circulate it; in fact, we should probably grab it and
stick it in our ftp archive, and put a reference to it in the book.
(Too late to actually discuss the thing, at least for this edition).

-------
1.2218 jackson-module-parameter-names

2.9.9

1.2219 procps 3.3.10-26.el7.0atomix1

1.2219.1 Available under license:

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Contributors (in approximate order of appearance)

[See also the ChangeLog file where individuals are attributed in log entries. Likewise in the FAQ file.]

Ben Elliston
bje at cygnus dot com
Initiated the project;
setup the project infrastructure (CVS, web page, etc.);
early prototype routines.

Ross Johnson
rpj at callisto dot canberra dot edu dot au
early prototype routines;
ongoing project coordination/maintenance;
implementation of spin locks and barriers;
various enhancements;
bug fixes;
documentation;
testsuite.

Robert Colquhoun
rjc at trump dot net dot au
Early bug fixes.

John E. Bossom
John dot Bossom at cognos dot com
Contributed substantial original working implementation;
bug fixes;
ongoing guidance and standards interpretation.

Anders Norlander
anorland at hem2 dot passagen dot se
Early enhancements and runtime checking for supported Win32 routines.

Tor Lillqvist
tml at iki dot fi
General enhancements;
early bug fixes to condition variables.

Scott Lightner
scott at curriculum dot com
Bug fix.

Kevin Ruland
Kevin dot Ruland at anheuser-busch dot com
Various bug fixes.

Mike Russo
miker at eai dot com
Bug fix.

Mark E. Armstrong
avail at pacbell dot net
Bug fixes.

Lorin Hochstein
lmh at xiphos dot ca
general bug fixes; bug fixes to condition variables.
Peter Slacik
Bug fixes.
Mumit Khan
Fixes to work with Mingw32.
Milan Gardian
Bug fixes and reports/analyses of obscure problems.
Aurelio Medina
First implementation of read-write locks.
Graham Dumpleton
Bug fix in condition variables.
Tristan Savatier
WinCE port.
Erik Hensemaerik
Bug fixes.
Rich Peters
Implementation of async cancelation.
Fred Forest
Kevin D. Clark
David Baggett
Bug fixes.
Paul Redondo
Bug fixes.
Jef Gearhart
Bug fix.
Arthur Kantor
Mutex enhancements.
Steven Reddie
Bug fix.
Alexander Terekhov
Re-implemented and improved read-write locks;
(With Louis Thomas) re-implemented and improved
condition variables;
enhancements to semaphores;
enhancements to mutexes;
new mutex implementation in 'futex' style;
suggested a robust implementation of pthread_once
similar to that implemented by V.Kliathcko;
system clock change handling re CV timeouts;
bug fixes.
Thomas Pfaff
Changes to make C version usable with C++ applications;
re-implemented mutex routines to avoid Win32 mutexes and TryEnterCriticalSection;
procedure to fix Mingw32 thread-safety issues.
Franco Bezfranco dot bez at gmx dot de
procedure to fix Mingw32 thread-safety issues.
Louis Thomaslthomas at arbitrade dot com
(with Alexander Terekhov) re-implemented and improved
condition variables.
David Kornmg at research dot att dot com
Ported to UWIN.
Phil Frisbie, Jr.phil at hawksoft dot com
Bug fix.
Ralf BreseRalf dot Brese at pdb4 dot siemens dot de
Bug fix.
prionx at juno dot com prionx at juno dot com
Bug fixes.
Max Woodburymtew at cds dot duke dot edu
POSIX versioning conditionals;
reduced namespace pollution;
idea to separate routines to reduce statically
linked image sizes.
Rob Fannerrfanner at stonethree dot com
Bug fix.
Michael Johnson michaelj at maine dot rr dot com
Bug fix.
Nicolas Barryboozai at yahoo dot com
Bug fixes.
Piet van Bruggenpietvb at newbridges dot nl
Bug fix.
Makoto Katoraven at oldskool dot jp
AMD64 port.
Panagiotis E. Hadjidoukaspeh at hpclab dot ceid dot upatras dot gr
Contributed the QueueUserAPCEx package which
makes preemptive async cancelation possible.
Will Bryantwill dot bryant at ecosm dot com
Borland compiler patch and makefile.
Anuj Goyalanuj dot goyal at gmail dot com
Port to Digital Mars compiler.
Gottlob Fregegottlbfrege at gmail dot com
re-implemented pthread_once (version 2)
(pthread_once cancellation added by rpj).
Vladimir Kliatchkovladimir at kliatchko dot com
reimplemented pthread_once with the same form
as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.
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# This file contains a list of people who've made non-trivial
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# here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>
Jeffrey Yasskin <jyasskin@google.com>
Ji Sigursson <joi@google.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith.ray@gmail.com>
Kenton Varda <kenton@google.com>
Manuel Klimek <klimek@google.com>
Markus Heule <markus.heule@gmail.com>
Mika Raento <mikie@iki.fi>
Mikls Fazekas <mfazekas@szemafor.com>
Patrick Hanna <phanna@google.com>
Patrick Riley <spfr@google.com>
Peter Kaminski <piotrk@google.com>
Preston Jackson <preston.a.jackson@gmail.com>
Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>
Russ Cox <rsc@google.com>
Russ Rufer <russ@pentad.com>
Sean Mcafee <eefacm@gmail.com>
Sigurur sgeirsson <siggi@google.com>
Tracy Bialik <tracy@pentad.com>
Vadim Berman <vadimb@google.com>
Vlad Losev <vladl@google.com>
Zhanyong Wan <wan@google.com>

# This is the official list of people who can contribute
# (and who have contributed) code to the ANGLE project
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#

TransGaming Inc.
Nicolas Capens
Daniel Koch
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Peter Kasting
Vangelis Kokkevis
Zhenyao Mo
Daniel Nicoara
Alastair Patrick
Alok Priyadarshi
Kenneth Russell
Brian Salomon
Gregg Tavares
Jeff Timanus
Ben Vanik
Adrienne Walker
thestig@chromium.org
Justin Schuh
Scott Graham
Corentin Wallez
Kai Ninomiya
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## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS = -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.o: $(srcdir)/%.c
  $(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
  $(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
  $(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
  $(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
  @echo "generating dependency information for $<"
1.2226 commons-beanutils 1.7.0

1.2227 commons-cli 1.3.1

1.2227.1 Available under license:

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/**
 * This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP
 * support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been
 * removed.</p>
 *
 * <p>-- Original comments follow --</p>
 *
 * <p>Encodes and decodes to and from Base64 notation.</p>
 *
 * <p>Change Log:
 * </p>
 * <ul>
 * <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience
 * methods for reading and writing to and from files.</li>
 */
<li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).</li>
<li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.</li>
<li>v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (e.g. int s that you "OR" together).</li>
<li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using {code decode(String s, boolean gzipCompressed)}. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).</li>
<li>v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
<li>v1.4 - Added helper methods to read/write files.</li>
<li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
<li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.</li>
<li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
<li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>

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@version 2.1

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// more details.

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Manifest-Version: 1.0
Implementation-Title: PostgreSQL JDBC Driver
Bundle-License: BSD-2-Clause
Implementation-Version: 42.2.14.jre7  
Specification-Vendor: Oracle Corporation  
Specification-Title: JDBC  
Implementation-Vendor-Id: org.postgresql  
Specification-Version: 4.1  
Implementation-Vendor: PostgreSQL Global Development Group

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---

1.2231 jersey-server 2.28

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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A. HISTORY OF THE SOFTWARE

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

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

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

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

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

* atf-c/ui.c: The format_paragraph and format_text functions were
derived from the ones in the Monotone project, revision
  3a0982da308228d796d35f98d787c5cff2bb5b6.

  Author: Julio Merino <jmmv@NetBSD.org>
* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp:
These files were derived from the file_handle, systembuf, pipe and pistream
classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

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

Author: Julio Merino <jmmv84@gmail.com>

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 */

/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its [@link ChannelPipeline].
 *
 * [@link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its
 * subtypes:
 * <ul>
 * <li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>
 * <li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>
 * </ul>
 * <p>
 * Alternatively, the following adapter classes are provided for your convenience:
 * <ul>
 * <li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
 * <li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
 * <li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>
 * </ul>
 * <p>
 * For more information, please refer to the documentation of each subtype.
 * </p>
 *
 * <h3>The context object</h3>

---

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

### State management

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

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

public class DataServerHandler extends `@link SimpleChannelInboundHandler<Message>` {
    private boolean loggedIn;

    @Override
    public void channelRead0(`@link ChannelHandlerContext` ctx, Message message) {
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }
    ...
}
```

Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where a unauthenticated client can get the confidential information:

```java
// Create a new handler instance per channel.
// See `@link ChannelInitializer#initChannel(Channel)`.
public class DataServerInitializer extends `@link ChannelInitializer<Channel>` {
    @Override
    public void initChannel(`@link Channel` channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}
```
* </pre>

* Using \texttt{@link AttributeKey}s

* Although it's recommended to use member variables to store the state of a
handler, for some reason you might not want to create many handler instances.
* In such a case, you can use \texttt{@link AttributeKey}s which is provided by
* \texttt{@link ChannelHandlerContext}:

* public interface Message {
*   // your methods here
* }

* \texttt{@code @Sharable}

* public class DataServerHandler extends \texttt{@link SimpleChannelInboundHandler}&lt;Message&gt; {
*   private final \texttt{@link AttributeKey}&lt;\texttt{Boolean}&gt; auth =
*     \texttt{@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
* }

* \texttt{@code @Override}

*     public void channelRead\texttt{(\@link ChannelHandlerContext} ctx, Message message) {
*         \texttt{@link Attribute}&lt;\texttt{Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             attr.set(true);
*         } else (message instanceof GetDataMessage) {
*             if (\texttt{Boolean.TRUE.equals(attr.get())}) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
* }

* Now that the state of the handler is attached to the \texttt{@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:

* public class DataServerInitializer extends \texttt{@link ChannelInitializer}&lt;\texttt{Channel}&gt; {
*   private static final DataServerHandler \texttt{SHARED} = new DataServerHandler();
* }

* \texttt{@code @Override}

*     public void initChannel\texttt{(\@link Channel} channel) {
*         channel.pipeline().addLast("handler", \texttt{SHARED});
*     }
The `@Sharable` annotation

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation.

If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`s multiple times without a race condition.

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

This annotation is provided for documentation purpose, just like a [link](http://www.javaconcurrencyinpractice.com/annotations/doc/) the JCIP annotations.

Additional resources worth reading

Please refer to the `@link ChannelHandler`, and `@link ChannelPipeline` to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

Found in path(s):

```
/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/ChannelHandler.java
```

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* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/socket/DuplexChannel.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/ChannelInboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/channel/SelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1.jar/io/netty/bootstrap/BootstrapConfig.java

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* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/AbstractEventLoop.java

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* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/DefaultFileRegion.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/local/package-info.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/ChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/socket/DatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/RecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/ChannelFuture.java
*/
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/socket/package-info.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/VoidChannelPromise.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/nio/NioEventLoopGroup.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/nio/FixedRecvByteBufAllocator.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/local/LocalServerChannel.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/socket/SocketChannelConfig.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/group/ChannelGroupFuture.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/AbstractServerChannel.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/DefaultChannelConfig.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/SucceededChannelFuture.java
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*/opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-jar/io/netty/channel/nio/NioEventLoop.java

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* /opt/ws_local/PERMITS_SQL/1068271564_1594338139.69/0/netty-transport-4-1-45-final-sources-1-
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jar/org/wildfly/security/auth/server/event/SecurityPermissionCheckEvent.java
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*/
/**
 * <p>Returns a [link PermissionVerifier] with all the permissions associated with the given information.
 * </p>
 * <p>Once returned, client code can use the [link PermissionVerifier#implies(Permission)] to check if a given
 * permission is granted or not
 * to the given principal. Implementors must make sure that the returned collection is immutable.
 * </p>
 * @param permissionMappable the object to which permissions can be mapped (must not be [code null])
 * @param roles a set of effective roles after all role mapping was applied by security domain (may be [code null])
 * @return a permission verifier (not [code null])
 */

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
January 5, 2017
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wpng - simple PNG-writing program       writepng.c

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1.2266 python-iniparse 0.4-9.el7

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

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
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In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
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1.2271 smackx 0

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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/XHTMLText.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/user/QueueListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/ext/history/AgentChatHistory.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/settings/WorkgroupProperties.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/ext/history/ChatMetadata.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/packet/OfferRevokeProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/agent/AgentSession.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/workgroup/packet/RoomInvitation.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/agent/AgentRoster.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/packet/TranscriptSearch.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/QueueUser.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/ext/macros/Macro.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/agent/OfferContent.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/packet/OfferRequestProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/ext/history/AgentChatSession.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/packet/QueueOverview.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/packet/AgentStatusRequest.java

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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/PEPListener.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/commands/AdHocCommandManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/packet/AdHocCommandData.java

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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/packet/MUCUser.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/OfflineMessageInfo.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/OfflineMessageRequest.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/MUCUserProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/XHTMLExtensionProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/debugger/EnhancedDebuggerWindow.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/PrivateDataProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/RosterExchange.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/DefaultParticipantStatusListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/ReportedData.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/DiscoverItemsProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/RosterExchangeProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/DataFormProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/Version.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/RosterExchangeListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/InvitationRejectionListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/GroupChatInvitation.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/DiscussionHistory.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/AttentionExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/ConnectionDetachedPacketCollector.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/PacketMultiplexListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/muc/RoomListenerMultiplexor.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/commands/AdHocCommandNote.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/commands/LocalCommand.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/providers/AdHocCommandDataController.java

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jar/org/jivesoftware/smackx/packet/Header.java
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jar/org/jivesoftware/smackx/muc/MultiUserChat.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/packet/VCard.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/XHTMLManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/ServiceDiscoveryManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/MessageEventManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/OfflineMessageManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
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 * /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/ChatStateListener.java
 * /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/LastActivity.java
 * /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/ChatStateExtension.java
 * /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/ChatState.java
 * /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/ChatStateManager.java

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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/PEPItem.java
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 * $Revision: 1.2 $
 * $Date: 2007/11/03 04:46:52 $
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jar/org/jivesoftware/smackx/packet/PEPPubSub.java
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jar/org/jivesoftware/smackx/provider/DelayInformationProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/packet/DelayInformation.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/filetransfer/IncomingFileTransfer.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/MultipleRecipientInfo.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/filetransfer/FileTransferRequest.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/filetransfer/FaultTolerantNegotiator.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
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jar/org/jivesoftware/smackx/filetransfer/StreamNegotiator.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
jar/org/jivesoftware/smackx/LastActivityManager.java

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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/search/SimpleUserSearch.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/workgroup/settings/SearchSettings.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-
  jar/org/jivesoftware/smackx/muc/DeafOccupantInterceptor.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/BytestreamManager.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/provider/FormNodeProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/ibb/InitiationListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/util/NodeUtils.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/SubscribeForm.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/ItemDeleteEvent.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/socks5/Socks5BytestreamListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/BytestreamSession.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/listener/ItemEventListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/EmbeddedPacketExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/AffiliationsExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/AccessModel.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/SubscriptionExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/ibb/packet/Close.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/packet/PubSubNamespace.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/ibb/InBandBytestreamSession.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/socks5/Socks5BytestreamRequest.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/OptionsExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/socks5/Socks5Client.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/pubsub/listener/NodeConfigListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/ibb/packet/DataPacketExtension.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/provider/AffiliationsProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/provider/SubscriptionsProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/bytestreams/ibb/InBandBytestreamListener.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/provider/NodeExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/packet/PubSub.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/provider/ItemProvider.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/packet/SyncPacketSend.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/publisher/provider/ConfigureForm.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/HeadersProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/SimpleNodeProvider.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/HeaderState.java
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* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/EventExtension.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/provider/XmlUtils.java
* /opt/cola/permits/1001477266_1607125518.12/0/smackx-3-2-1-sources-jar/org/jivesoftware/smackx/packet/SyncPacketSend.java
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jar/org/jivesoftware/smackx/provider/VCardProvider.java

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jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
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jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/OpenSslEngine.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

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* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/cola/permits/1110676040_1606842976.07/0/netty-handler-4-1-34-final-sources-1-
  jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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1.2278 resourcelocator 1.0.1

1.2279 osgi-core 1.0.0
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* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/Spring3CompatibleAbstractDelegatedExecutionApplicationContext.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/internal/TrackingUtil.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/internal/ClassUtils.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/internal/DelegatedEntityResolver.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/AbstractPathedOsgiBundleXmlApplicationContext.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/ResourcePathedOsgiBundleXmlApplicationContext.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/AbstractPathedOsgiBundleXmlApplicationContext.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/internal/DelegatedNamespaceHandlerResolver.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/LayeredResourcePathedOsgiBundleXmlApplicationContext.java
* /opt/cola/permits/1003747693_1607117967.5/0/boxspring-osgi-core-1-0-0-beta-4-sources-jar/com/mtvnet/boxspring/osgi/context/BundleContextAwareChildPostProcessor.java

1.2280 spring-boot-starter 2.0.4.RELEASE

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1.2282 llvm-private 7.0.1-1.el7

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; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
;
; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*) {
  ; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
  BB:
  %L34 = load i8, i8* %0
  %Cmp56 = icmp sgt i8 undef, %L34
  br label %CF246
  CF246:
    ; preds = %CF246, %BB
  %Sl163 = select i1 %Cmp56, i8 %L34, i8 undef
  br i1 undef, label %CF246, label %CF248

  CF248:
    ; preds = %CF248, %CF246
store i8 %SI163, i8* %0  
br label %CF248

}  
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; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s

; D31946
; Check that we dont end up with the "LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.

declare fp128 @llvm.fabs.f128(fp128)
define fp128 @TestSelect(fp128 %a, fp128 %b) {
    %cmp = fcmp ogt fp128 %a, %b
    %sub = fsub fp128 %a, %b
    %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
    ret fp128 %res
}

define fp128 @TestFabs(fp128 %a) {
    %res = call fp128 @llvm.fabs.f128(fp128 %a)
    ret fp128 %res
}

define fp128 @TestFabs(fp128 %a) {
    %res = call fp128 @llvm.fabs.f128(fp128 %a)
    ret fp128 %res
}

; CHECK-NEXT: movaps .LCPI0_0(%rip), %xmm0
; CHECK-NEXT: movaps .LCPI0_0(%rip), %xmm0
; CHECK-NEXT: movaps .LCPI0_0(%rip), %xmm0
; CHECK-NEXT: movaps .LCPI0_0(%rip), %xmm0
; CHECK-NEXT: movaps .LCPI0_0(%rip), %xmm0
define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
}

define fp128 @TestFneg(fp128 %a) {
  %mul = fmul fp128 %a, %a
  %res = fsub fp128 0xL00000000000000008000000000000000, %mul
  ret fp128 %res
}

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<tr>
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<tr>
<td>OpenBSD regex</td>
<td>llvm/lib/Support/{reg*, COPYRIGHT.regex}</td>
</tr>
<tr>
<td>pyyaml tests</td>
<td>llvm/test/YAMLParser/{*.data, LICENSE.TXT}</td>
</tr>
<tr>
<td>ARM contributions</td>
<td>llvm/lib/Target/ARM/LICENSE.TXT</td>
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<tr>
<td>md5 contributions</td>
<td>llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h</td>
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

--------------------------------------------------------------------------
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-------
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hello world
merhaba dnya

4-Byte sequences:
Perch (Fish) Elevator !
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
;
CHECK-LABEL: test_sitofp_fixed:
;
; First, extend each i32 to i64
;
CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
;
CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
;
CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
;
CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
;
CHECK-DAG: sshll2.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
;
CHECK-DAG: sshll2.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
;
CHECK-DAG: sshll2.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
;
CHECK-DAG: sshll2.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

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; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}

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; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
entry:
br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph: ; preds = %entry
br label %while.body

while.body: ; preds = %exit.2, %while.body.lr.ph
%lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
switch i32 undef, label %exit [
  i32 1, label %sw.bb.i
  i32 2, label %sw.bb3.i
]
```c
sw.bb.i: ; preds = %while.body
    unreachable

sw.bb3.i: ; preds = %while.body
    unreachable

exit: ; preds = %while.body
    switch i32 undef, label %exit.2 [ 
        i32 1, label %sw.bb.i17
        i32 2, label %sw.bb3.i20
    ]

sw.bb.i17: ; preds = %exit
    %0 = bitcast %struct.0* %lsr.iv to i32*
    %1 = load i32, i32* %0, align 4
    unreachable

sw.bb3.i20: ; preds = %exit
    %2 = bitcast %struct.0* %lsr.iv to i8**
    %3 = load i8*, i8** %2, align 4
    unreachable

exit.2: ; preds = %exit
    %cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
    br label %while.body

while.end: ; preds = %entry
    ret void
}

attributes #0 = { nounwind optsizes "target-cpu"="hexagonv55" }
```

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'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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

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

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also compile or
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uses the Library”, as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
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to use the modified definitions.)

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Preamble

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

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

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

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
   analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
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1.2292 ojdbc8 12.2.0.1
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1.2301 owasp-java-html-sanitizer r239

1.2302 nghttp2 1.15.0

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1.2303 go-radix 1.0.0

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcreg)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%: $(srcdir)/%.c

$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%: $(srcdir)/%.cpp

## Dependency rules
%: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n | sed "\"\%s/(\$\%!\).o \[ :\]*/\1.o $@ : /g\" > $@; \n [ -s $@ ] || rm -f $@"

%: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "\"\%s/(\$\%!\).o \[ :\]*/\1.o $@ : /g\" > $@; \n [ -s $@ ] || rm -f $@"

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION): %.$%.$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$%.$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${<F}.$%.$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

1.2305 glibmm 2.56.0-1.el7
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 */

#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncresult.h>

_DEFS(giomm,gio)
_PINCLUDE(glibmm/private/object_p.h)
_PINCLUDE(gio/gio.h)

namespace Gio
{

/** An object representing the permission to perform a certain action.
 *
 * A Permission represents the status of the caller's permission to
 * perform a certain action.
 *
 * You can query if the action is currently allowed and if it is
 * possible to acquire the permission so that the action will be allowed
 * in the future.
 *
 * There is also an API to actually acquire the permission and one to
 * release it.
 *
 * As an example, a Permission might represent the ability for the
 * user to write to a Settings object. This Permission object could
 * then be used to decide if it is appropriate to show a "Click here to
 * unlock" button in a dialog and to provide the mechanism to invoke
 * when that button is clicked.
* @newin{2,42}
*/

class Permission : public Glib::Object
{
  _CLASS_GOBJECT(Permission, GPermission, G_PERMISSION, Glib::Object, GObject)

public:

  _WRAP_METHOD(bool acquire(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_acquire, errthrow)
  _WRAP_METHOD(void acquire_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>& cancellable{.?}), g_permission_acquire_async, slot_name slot, slot_callback SignalProxy_async_callback)
  _WRAP_METHOD(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_acquire_finish, errthrow)

  _WRAP_METHOD(bool release(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_release, errthrow)
  _WRAP_METHOD(void release_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>& cancellable{.?}), g_permission_release_async, slot_name slot, slot_callback SignalProxy_async_callback)
  _WRAP_METHOD(bool release_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_release_finish, errthrow)

  _WRAP_METHOD(bool get_allowed() const, g_permission_get_allowed)
  _WRAP_METHOD(bool get_can_acquire() const, g_permission_get_can_acquire)
  _WRAP_METHOD(bool get_can_release() const, g_permission_get_can_release)

  _WRAP_PROPERTY("allowed", bool)
  _WRAP_PROPERTY("can-acquire", bool)
  _WRAP_PROPERTY("can-release", bool)

protected:

  _CTOR_DEFAULT

  // A copy is needed for vfuncs, i.e. Glib::wrap($3, true)
  #m4 _CONVERSION('GAsyncResult*', 'const Glib::RefPtr<AsyncResult>&', 'Glib::wrap($3, true)')
  #m4 _CONVERSION('GCancellable*', 'const Glib::RefPtr<Cancellable>&', 'Glib::wrap($3, true)')

  _WRAP_VFUNC(bool acquire(const Glib::RefPtr<Cancellable>& cancellable, acquire, errthrow)
  _WRAP_VFUNC(void acquire_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>& cancellable, acquire_async, slot_name slot, slot_callback SignalProxy_async_callback)
  _WRAP_VFUNC(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result, acquire_finish, errthrow)

  _WRAP_VFUNC(bool release(const Glib::RefPtr<Cancellable>& cancellable, release, errthrow)
  _WRAP_VFUNC(void release_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>&
cancellable(\{\}), release_async(slot_name slot, slot_callback SignalProxy_async_callback)
_UTFUC{text}

// You should never call this function except from a Gio::Permission implementation.
_UTFUC{text}

} // namespace Gio

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Version 2.1, February 1999

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Ty Coon, President of Vice

That's all there is to it!
// Generated by gmmproc 2.54.1 -- DO NOT MODIFY!
#ifndef _GIOMM_PERMISSION_H
#define _GIOMM_PERMISSION_H

#include <glibmm/ustring.h>
#include <sigc++/sigc++.h>

/* Copyright (C) 2014 The giomm Development Team
 *
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 */

#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncresult.h>

#ifndef DOXYGEN_SHOULD_SKIP_THIS
using GPermission = struct _GPermission;
using GPermissionClass = struct _GPermissionClass;
#endif /* DOXYGEN_SHOULD_SKIP_THIS */

#ifndef DOXYGEN_SHOULD_SKIP_THIS
namespace Gio
{ class Permission_Class; } // namespace Gio
#endif //DOXYGEN_SHOULD_SKIP_THIS

namespace Gio
{

/** An object representing the permission to perform a certain action.
 *
 * A Permission represents the status of the caller's permission to
 * perform a certain action.
 *
 * You can query if the action is currently allowed and if it is
 * possible to acquire the permission so that the action will be allowed
 * in the future.
 *
 * There is also an API to actually acquire the permission and one to
 * release it.
 */
* As an example, a Permission might represent the ability for the user to write to a Settings object. This Permission object could then be used to decide if it is appropriate to show a "Click here to unlock" button in a dialog and to provide the mechanism to invoke when that button is clicked.

* @newin{2,42}
*/

class Permission : public Glib::Object
{

#ifndef DOXYGEN_SHOULD_SKIP_THIS

public:
    using CppObjectType = Permission;
    using CppClassType = Permission_CLASS;
    using BaseObjectType = GPermission;
    using BaseClassType = GPermissionClass;

    // noncopyable
    Permission(const Permission&) = delete;
    Permission& operator=(const Permission&) = delete;

    private: friend class Permission_CLASS;
        static CppClassType permission_class_;

    protected:
        explicit Permission(const Glib::ConstructParams& construct_params);
        explicit Permission(GPermission* castitem);

#endif /* DOXYGEN_SHOULD_SKIP_THIS */

public:

    Permission(Permission&& src) noexcept;
    Permission& operator=(Permission&& src) noexcept;
    ~Permission() noexcept override;

    /** Get the GType for this class, for use with the underlying GObject type system. */
    static GType get_type() G_GNUC_CONST;

#ifndef DOXYGEN_SHOULD_SKIP_THIS

    static GType get_base_type() G_GNUC_CONST;

#endif


#endif

///Provides access to the underlying C GObject.
GPermission* gobj() { return reinterpret_cast<GPermission*>(gobject_); }

///Provides access to the underlying C GObject.
const GPermission* gobj() const { return reinterpret_cast<GPermission*>(gobject_); }

///Provides access to the underlying C instance. The caller is responsible for unrefing it. Use when directly setting fields in structs.
GPermission* gobj_copy();

private:

public:

/** Attempts to acquire the permission represented by @a permission.
 * 
 * The precise method by which this happens depends on the permission
 * and the underlying authentication mechanism. A simple example is
 * that a dialog may appear asking the user to enter their password.
 * 
 * You should check with g_permission_get_can_acquire() before calling
 * this function.
 * 
 * If the permission is acquired then <tt>true</tt> is returned. Otherwise,
 * <tt>false</tt> is returned and @a error is set appropriately.
 * 
 * This call is blocking, likely for a very long time (in the case that
 * user interaction is required). See g_permission_acquire_async() for
 * the non-blocking version.
 * 
 * @newint{2,26}
 * 
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @return <tt>true</tt> if the permission was successfully acquired.
 * @throws Glib::Error
 */
bool acquire(const Glib::RefPtr<Cancellable>& cancellable);

/// A acquire() convenience overload.
bool acquire();

/** Attempts to acquire the permission represented by @a permission.
 * 
 * A acquire() convenience overload.
 */
* This is the first half of the asynchronous version of
  * g_permission_acquire().
  *
  * @newin{2,26}
  *
  * @param cancellable A Cancellable, or <tt>nullptr</tt>.
  * @param slot The SlotAsyncReady to call when done.
  */
void acquire_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

// A acquire_async() convenience overload.
void acquire_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to acquire the permission
 * represented by @a permission.
 *
 * This is the second half of the asynchronous version of
 * g_permission_acquire().
 *
 * @newin{2,26}
 *
 * @param result The AsyncResult given to the SlotAsyncReady.
 * @return <tt>true</tt> if the permission was successfully acquired.
 *
 * @throws Glib::Error
 */
bool acquire_finish(const Glib::RefPtr<AsyncResult>& result);

/** Attempts to release the permission represented by @a permission.
 *
 * The precise method by which this happens depends on the permission
 * and the underlying authentication mechanism. In most cases the
 * permission will be dropped immediately without further action.
 *
 * You should check with g_permission_get_can_release() before calling
 * this function.
 *
 * If the permission is released then <tt>true</tt> is returned. Otherwise,
 * <tt>false</tt> is returned and @a error is set appropriately.
 *
 * This call is blocking, likely for a very long time (in the case that
 * user interaction is required). See g_permission_release_async() for
 * the non-blocking version.
 *
 * @newin{2,26}
 *
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
bool release(const Glib::RefPtr<Cancellable>& cancellable);

/// A release() convenience overload.
bool release();

/** Attempts to release the permission represented by @a permission.
 * This is the first half of the asynchronous version of
 * g_permission_release().
 *
 * @newin{2,26}
 *
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @param slot The SlotAsyncReady to call when done.
 */
void release_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// A release_async() convenience overload.
void release_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to release the permission
 * represented by @a permission.
 *
 * This is the second half of the asynchronous version of
 * g_permission_release().
 *
 * @newin{2,26}
 *
 * @param result TheAsyncResult given to the SlotAsyncReady.
 * @return <tt>true</tt> if the permission was successfully released.
 *
 * @throws Glib::Error
 */
bool release_finish(const Glib::RefPtr<AsyncResult>& result);

/** Gets the value of the 'allowed' property.  This property is <tt>true</tt> if
 * the caller currently has permission to perform the action that
 * @a permission represents the permission to perform.
 *
 * @newin{2,26}
 *
 * @return The value of the 'allowed' property.
 */
bool get_allowed() const;

/** Gets the value of the 'can-acquire' property. This property is <tt>true</tt>
 * if it is generally possible to acquire the permission by calling
 * <tt>g_permission_acquire()</tt>.
 *
 * @newin{2,26}
 *
 * @return The value of the 'can-acquire' property.
 */
bool get_can_acquire() const;

/** Gets the value of the 'can-release' property. This property is <tt>true</tt>
 * if it is generally possible to release the permission by calling
 * <tt>g_permission_release()</tt>.
 *
 * @newin{2,26}
 *
 * @return The value of the 'can-release' property.
 */
bool get_can_release() const;

/** <tt>true</tt> if the caller currently has permission to perform the action that
 * a permission represents the permission to perform.
 *
 * Default value: <tt>false</tt>
 *
 * @return A PropertyProxy_ReadOnly that allows you to get the value of the property,
 * or receive notification when the value of the property changes.
 */
Glib::PropertyProxy_ReadOnly<bool> property_allowed() const;

/** <tt>true</tt> if it is generally possible to acquire the permission by calling
 * <tt>g_permission_acquire()</tt>.
 *
 * Default value: <tt>false</tt>
 *
 * @return A PropertyProxy_ReadOnly that allows you to get the value of the property,
 * or receive notification when the value of the property changes.
 */
Glib::PropertyProxy_ReadOnly<bool> property_can_acquire() const;

/** <tt>true</tt> if it is generally possible to release the permission by calling
 * <tt>g_permission_release()</tt>.
 *
 * Default value: <tt>false</tt>
protected:

Permission();

// A copy is needed for vfuncs, i.e. Glib::wrap($3, true)

/// @throws Glib::Error.
virtual bool acquire_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

virtual void acquire_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool acquire_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

/// @throws Glib::Error.
virtual bool release_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

virtual void release_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool release_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

// You should never call this function except from a Gio::Permission implementation.

/** This function is called by the Permission implementation to update
 * the properties of the permission. You should never call this
 * function except from a Permission implementation.
 *
 * GObject notify signals are generated, as appropriate.
 *
 * @newin{2,26}
 *
 * @param allowed The new value for the 'allowed' property.
 * @param can_acquire The new value for the 'can-acquire' property.
 * @param can_release The new value for the 'can-release' property.
 */
void impl_update(bool allowed, bool can_acquire, bool can_release);
public:

public:
//C++ methods used to invoke GTK+ virtual functions:

protected:
//GTK+ Virtual Functions (override these to change behaviour):

//Default Signal Handlers::

}
// namespace Gio

namespace Glib
{
/** A Glib::wrap() method for this object.
 * @param object The C instance.
 * @param take_copy False if the result should take ownership of the C instance. True if it should take a new copy or ref.
 * @param result A C++ instance that wraps this C instance.
 * @param relates Glib::Permission
 */
Glib::RefPtr<Gio::Permission> wrap(GPermission* object, bool take_copy = false);
}

#endif /* _GIOMM_PERMISSION_H */
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 */
/**
 * By default, we're integral, given we speak SSL. But, if we've been told about an integral
 * port, and said port is not our port, then we're not. This allows separation of listeners
 * providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener configured to
 * require client certs providing CONFIDENTIAL, whereas another SSL listener not requiring
 * client certs providing mere INTEGRAL constraints.
 */

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
  jar/org/eclipse/jetty/server/ssl/SslSocketConnector.java

No license file was found, but licenses were detected in source scan.

Connector: HTTP Connector.
server: MObject:RO:The server for this connector
requestHeaderSize: The size of a request header buffer
requestBufferSize: The size of a request content buffer
responseHeaderSize: The size of a response header buffer
responseBufferSize: The size of a response content buffer
integralPort: Port to use for integral redirections
integralScheme: Scheme to use for integral redirections
confidentialPort: Port to use for confidential redirections
confidentialScheme: Scheme to use for confidential redirections
host: Host name to accept connections on
port: TCP/IP port to accept connections on
maxIdleTime: Maximum time in ms that a connection can be idle before being closed
statsOn: True if statistics collection is turned on.
statsOnMs: Time in milliseconds stats have been collected for.
statsReset(): Reset statistics.
connections: Number of connections accepted by the server since statsReset() called. Undefined if setStatsOn(false).
connectionsOpen: Number of connections currently open that were opened since statsReset() called. Undefined if setStatsOn(false).
connectionsOpenMax: Maximum number of connections opened simultaneously since statsReset() called.
Undefined if setStatsOn(false).
connectionsDurationMean: Mean duration in milliseconds of open connections since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationStdDev: Standard deviation of duration in milliseconds of an open connection since statsReset()
called. Undefined if setStatsOn(false).
connectionsDurationMax: Maximum duration in milliseconds of an open connection since statsReset() called.
Undefined if setStatsOn(false).
connectionsDurationTotal: Total duration in milliseconds of all open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMean: Mean number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsStdDev: Standard deviation of number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMax: Maximum number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
requests: Number of requests since statsReset() called. Undefined if setStatsOn(false).
open(): Open the listening port
close(): Close the listening port (but allow existing connections to continue for graceful shutdown)

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/jmx/Connector-mbean.properties
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Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/WebSocketParserD08.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/HandlerCollection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/StringMap.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/log/Logger.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/http/EncodedHttpURI.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ScopedHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/SessionIdManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/EofException.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/BufferedReader.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/BufferedWriter.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/Buffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/continuation/ContinuationSupport.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/ssl/ServletSSL.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/HttpCookie.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/ajax/JSONPojoConvertor.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/ContextHandlerCollection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/ServletResponseHttpWrapper.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/IntrospectionUtil.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/resource/JarResource.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/mx/ServerMBean.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/BlockingArrayQueue.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/nio/NetworkTrafficSelectChannelEndPoint.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/jmx/ContextHandlerMBean.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/AbstractBuffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/statistic/CounterStatistic.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/resource/Resource.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/AbstractHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/websocket/WebSocket.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/HttpBuffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/statistic/SampleStatistic.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/session/HashSessionManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/nio/SelectorManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/websocket/WebSocketClient.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/resource/ResourceCollection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/resource/JarFileResource.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/websocket/WebSocketGenerator.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/ajax/JSONDateConvertor.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/HttpContent.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/server/LocalConnector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/SimpleBuffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/NCSARequestLog.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/HotSwapHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/HttpGenerator.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/util/MultiPartInputStream.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/NetworkTrafficListener.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/Parser.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/io/nio/SslConnection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/nio/AbstractNIOConnector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/session/AbstractSessionManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/DefaultHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/ErrorHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/handler/ResourceHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/nio/AbstractNIOnioConnector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/nio/AsyncConnection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/SessionManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/http/HttpMethods.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/websocket/WebSocketBuffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/websocket/WebSocketParser.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/continuation/FauxContinuation.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/Timeout.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/Attributes.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/components/AggregateLifeCycle.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/server/session/JDBCSessionManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/websocket/WebSocketServlet.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/server/handler/ProxyHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/websocket/WebSocketConnectionDO8.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/security/CertificateValidator.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/security/UrlEncoded.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/preventers/DriverManagerLeakPreventer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/io/UncheckedIOException.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/io/UncheckedException.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/util/preventers/SecurityProviderLeakPreventer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/websocket/WebSocketFactory.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/websocket/FixedMaskGen.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/jetty/server/ServletRequestHttpWrapper.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/IO.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/WebSocketConnectionRFC6455.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/HashedSession.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/HashSessionIdManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/ResourceCache.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/InclusiveByteRange.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/HttpWriter.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/Preventers/AppContextLeakPreventer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/ResourceFactory.java

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```java
/**
 * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 * 2=DC_CONFIDENTIAL
 */

/**
 * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 * 2=DC_CONFIDENTIAL
 */
```

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Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/security/Constraint.java

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/**
 * Find out if the request supports CONFIDENTIAL security.
 * @param request the incoming HTTP request
 * @return the result of calling { @link Connector#isConfidential(Request) }, or false
 * if there is no connector
 */

AbstractConnector: Abstract implementation of the Connector interface.
acceptors: The number of acceptor threads.
acceptQueueSize: The size of the accept queue.
acceptorPriorityOffset: Priority offset of the acceptor threads. The priority is adjusted by this amount to either favor
the acceptance of new threads and newly active connections or to favor the handling of already dispatched
connections.
forwardedForHeader: The header name for forwarded for (default x-forwarded-for).
forwardedHostHeader: The header name for forwarded hosts (default x-forwarded-host)
forwardedServerHeader: The header name for forwarded server (default x-forwarded-server)
forwarded: Whether reverse proxy handling is on. True if this connector is checking the forwarded for/host/server
headers.
host: Host name of the server.
hostHeader: Forced value for the host header. Only used if forwarded is true.
soLingerTime: Enable or disable SO_LINGER with the specified linger time in seconds.
reuseAddress: Whether the server socket will be opened in SO_REUSEADDR mode.
name: Name of the connector.
resolveNames: Whether or not to use DNS when handling forwards.
confidentialPort: Port to use for confidential redirections.
confidentialScheme: Scheme to use for confidential redirections.
integralPort: Port to use for integral redirections.
integralScheme: Scheme to use for integral redirections.
lowResourcesMaxIdleTime: The period in ms that a connection may be idle when the connector has low resources,
before it is closed.

AbstractConnector: Abstract implementation of the Connector interface.
acceptors: The number of acceptor threads.
acceptQueueSize: The size of the accept queue.
acceptorPriorityOffset: Priority offset of the acceptor threads. The priority is adjusted by this amount to either favor
the acceptance of new threads and newly active connections or to favor the handling of already dispatched
connections.
forwardedForHeader: The header name for forwarded for (default x-forwarded-for).
forwardedHostHeader: The header name for forwarded hosts (default x-forwarded-host)
forwardedServerHeader: The header name for forwarded server (default x-forwarded-server)
forwarded: Whether reverse proxy handling is on. True if this connector is checking the forwarded for/host/server
headers.
host: Host name of the server.
hostHeader: Forced value for the host header. Only used if forwarded is true.
soLingerTime: Enable or disable SO_LINGER with the specified linger time in seconds.
reuseAddress: Whether the server socket will be opened in SO_REUSEADDR mode.
name: Name of the connector.
resolveNames: Whether or not to use DNS when handling forwards.
confidentialPort: Port to use for confidential redirections.
confidentialScheme: Scheme to use for confidential redirections.
integralPort: Port to use for integral redirections.
integralScheme: Scheme to use for integral redirections.
lowResourcesMaxIdleTime: The period in ms that a connection may be idle when the connector has low resources,
before it is closed.

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/**
 * @return The port to use when redirecting a request if a data constraint of confidential is
 * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */
/**
 * @return The schema to use when redirecting a request if a data constraint of confidential is
 * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */
/**
 * @param request A request
 * @return true if the request is confidential. This normally means the https schema has been used.
 */

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/Connector.java
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/*
 * @(#)UnixCrypt.java0.9 96/11/25
 *
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Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/security/UnixCrypt.java
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// You may elect to redistribute this code under either of these licenses.
/**
 * By default, we're confidential, given we speak SSL. But, if we've been
 * told about an confidential port, and said port is not our port, then
 * we're not. This allows separation of listeners providing INTEGRAL versus
 * CONFIDENTIAL constraints, such as one SSL listener configured to require
 * client certs providing CONFIDENTIAL, whereas another SSL listener not
 * requiring client certs providing mere INTEGRAL constraints.
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/*

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* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/ssl/SslSelectChannelConnector.java
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/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialPort()
 */
/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialScheme()
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
 */
/**
 * @param confidentialPort
 * The confidentialPort to set.
 */
/**
 * @param confidentialScheme
 * The confidentialScheme to set.
 */

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
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/**
 * Utf8 Appendable abstract base class
 */
This abstract class wraps a standard `java.lang.Appendable` and provides methods to append UTF-8 encoded bytes, that are converted into characters.

This class is stateful and up to 4 calls to {@link #append(byte)} may be needed before state a character is appended to the string buffer.

The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by

http://bjoern.hoehrmann.de/utf-8/decoder/dfa/

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Mailing Address: 2215 SE 39th Ave, Portland OR 97214 USA

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Mailing Address: 62 Church St. Balmain, NSW 2041, Australia

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<th>Name</th>
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<td>12 September 2006</td>
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Eclipse

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

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

------

Oracle

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

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

------

Oracle OpenJDK

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

* java.sun.security.ssl

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

------

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

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

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Apache

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

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

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

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<snip>

1.2325 tools-ant 1.7.0

1.2325.1 Available under license:

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  */

/**
 * A class to help send SMTP email.
 * This class is an improvement on the sun.net.smtp.SmtpClient class
 * found in the JDK. This version has extra functionality, and can be used
 * with JVMs that did not extend from the JDK. It's not as robust as
* the JavaMail Standard Extension classes, but it's easier to use and
* easier to install, and has an Open Source license.
* <p>
* It can be used like this:
* <blockquote><pre>
* String mailhost = "localhost";  // or another mail host
* String from = "Mail Message Servlet &lt;MailMessage@server.com&gt;";
* String to = "to@you.com";
* String cc1 = "cc1@you.com";
* String cc2 = "cc2@you.com";
* String bcc = "bcc@you.com";
* &nbsp;
* MailMessage msg = new MailMessage(mailhost);
* msg.setPort(25);
* msg.from(from);
* msg.to(to);
* msg.cc(cc1);
* msg.cc(cc2);
* msg.bcc(bcc);
* msg.setSubject("Test subject");
* PrintStream out = msg.getPrintStream();
* &nbsp;
* Enumeration enum = req.getParameterNames();
* while (enum.hasMoreElements()) {
*   String name = (String)enum.nextElement();
*   String value = req.getParameter(name);
*   out.println(name + " = " + value);
* }
* &nbsp;
* msg.sendAndClose();
* </pre></blockquote>
* <p>
* Be sure to set the from address, then set the recipient
* addresses, then set the subject and other headers, then get the
* PrintStream, then write the message, and finally send and close.
* The class does minimal error checking internally; it counts on the mail
* host to complain if there's any malformed input or out of order
* execution.
* <p>
* An attachment mechanism based on RFC 1521 could be implemented on top of
* this class. In the meanwhile, JavaMail is the best solution for sending
* email with attachments.
* <p>
* Still to do:
* <ul>
* <li>Figure out how to close the connection in case of error
* </ul>
*
* @version 1.1, 2000/03/19, added angle brackets to address, helps some servers
* version 1.0, 1999/12/29
*/

Found in path(s):
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-
  jar/org/apache/tools/mail/MailMessage.java
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 *
 */
/**
 * This class implements a security manager meant for usage by tasks that run inside the
 * Ant VM. An examples are the Java Task and JUnitTask.
 *
 * The basic functionality is that nothing (except for a base set of permissions) is allowed, unless
 * the permission is granted either explicitly or implicitly.
 * If a permission is granted this can be overruled by explicitly revoking the permission.
 *
 * It is not permissible to add permissions (either granted or revoked) while the Security Manager
 * is active (after calling setSecurityManager() but before calling restoreSecurityManager()).
 *
 * @since Ant 1.6
 */

Found in path(s):
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-
  jar/org/apache/tools/ant/types/Permissions.java
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* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Or.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/rmic/KaffeRmic.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/UnixStat.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/cvslib/CVSEntry.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/BaseResourceCollectionContainer.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/LogOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/RuntimeConfigurable.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/LogOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/LogOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/tasks/LogOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/ant/IdentityStack.java

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* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/DynamicElementNS.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/XmlProperty.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/compilers/Gcj.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/JavaResource.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/tasks/Definer.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Date.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/BuildListener.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/input/InputHandler.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/selectors/ContainsRegexpSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/UnknownElement.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/Tokens.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Not.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/input/DefaultInputHandler.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/cvslib/CvsUser.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/condition/IsFailure.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/PathConvert.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/Type.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/DirectoryScanner.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Exists.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/cvslib/ChangeLogTask.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/Copydir.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/Parallel.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/cvslib/RedirectingStreamHandler.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/tools/JavaEnvUtils.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/Exit.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/selectors/ExtendFileSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/zip/ZipLong.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/condition/Os.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/selectors/BaseExtendSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Size.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/Restrict.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/filters/StripLineComments.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/filters/EscapeUnicode.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/Resources.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/filters/ReplaceTokens.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/DateUtils.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/regexp/RegexpMatcher.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/LazyHashtable.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/tar/TarInputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/KeepAliveInputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/filters/LineContains.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/CommandlineJava.java
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* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/selectors/Majority.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/condition/HasFreeSpace.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/zip/UnrecognizedExtraField.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/FilterSetCollection.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/LazyFileOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/selectors/NoneSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/Diagnostics.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/selectors/modifiedselector/PropertiesfileCache.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/UnPackageNameMapper.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/ZipResource.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/Concat.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/ConcatFileInputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/ArchiveResource.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/email/UUMailer.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/types/resources/TarResource.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/DataType.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/util/PropertyOutputStream.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/util/StringTokenizer.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/Dirname.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/selectors/DateSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/selectors/modifiedselector/Algorithm.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/DefBase.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/ProjectHelper.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/ExecuteJava.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/RedirectorElement.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/PropertyHelper.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/ResourceCollection.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/ManifestTask.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/compilers/DefaultCompilerAdapter.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/selectors/modifiedselector/ModifiedSelector.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/TypeAdapter.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/filters/HeadFilter.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/TaskOutputStream.java
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* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/Sleep.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/spi/Provider.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/EchoXML.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/types/resources/Resources.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1.jar/org/apache/tools/ant/taskdefs/Cvs.java
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* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/util/regexp/RegexpFactory.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/ExitStatusException.java
* /opt/cola/permits/1001074045_1607068014.25/0/com-springsource-org-apache-tools-ant-1-7-0-sources-1-jar/org/apache/tools/ant/taskdefs/ConditionTask.java
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1.2326 wildfly-elytron-realm 1.11.2.Final

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* /opt/ws_local/PERMITS_SQL/1091710460_1600571698.05/0/wildfly-elytron-realm-1-11-2-final-sources-jar/org/wildfly/security/auth/realm/KeyStoreBackedSecurityRealm.java
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1.2336 stateless4j 2.5.0

1.2337 okio 1.13.0

1.2338 jackson-dataformat-yaml 2.8.11
1.2338.1 Available under license :
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1.2339 libsemanage 2.5-14.el7

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1.2349 plexus-container-default 1.0-alpha-9-stable-1

1.2350 python-decorator 3.4.0-3.el7

1.2351 python-oslo-config 8.2.0

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- javaee_web_services_1_3.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- web-common_3_1.xsd
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* $Id: Predicate.java,v 1.14 2007/05/02 14:27:46 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/Predicate.java
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* $Id: $  
* */

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/JaxenRuntimeException.java
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/JaxenConstants.java

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* $
* $Id: DefaultExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
*/,

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultExpr.java
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* $Revision: 1.9 $
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* $Id: DefaultMultiplicativeExpr.java,v 1.9 2006/02/05 21:47:40 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultMultiplicativeExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/AnyNodeTest.java,v 1.8 2006/02/05
  21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: AnyNodeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/pattern/AnyNodeTest.java
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* 2006/02/05 21:47:42 elharo Exp $
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* $Id: EndsWithFunction.java,v 1.7 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: ContextSupport.java,v 1.13 2006/06/03 20:06:06 elharo Exp $
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* $Revision: 1.12 $
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jar/org/jaxen/util/SingletonList.java
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* $Id: EqualityExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NameTest.java,v 1.7 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.7 $
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Found in path(s):
/opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultAllNodeStep.java
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* $Id: Token.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/saxpath/base/Token.java
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 * $Revision: 1.10 $
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* $Id: DefaultBinaryExpr.java,v 1.10 2007/01/05 18:25:43 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultBinaryExpr.java
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/saxpath/SAXPathEventSource.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/LocationPath.java,v 1.9 2006/11/08
17:02:21 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/11/08 17:02:21 $
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* $Id: LocationPath.java,v 1.9 2006/11/08 17:02:21 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/LocationPath.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/FollowingSiblingAxisIterator.java,v 1.11
  2006/11/09 18:20:12 elharo Exp $  
* $Revision: 1.11 $
* $Date: 2006/11/09 18:20:12 $  
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/util/FollowingSiblingAxisIterator.java
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/*/  
* $Id: IterableChildAxis.java,v 1.11 2006/06/03 20:50:12 elharo Exp $ *

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* $Id: DescendantOrSelfAxisIterator.java,v 1.11 2006/11/09 18:20:12 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ContainsFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NodeTypeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: Navigator.java,v 1.30 2006/06/03 20:07:19 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/Navigator.java

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/UnionPattern.java

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* $Id: ConcatFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: NamespaceNode.java,v 1.25 2006/07/03 11:14:05 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NoNodeTest.java,v 1.7 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/02/05 21:47:42 $
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$Id: NoNodeTest.java,v 1.7 2006/02/05 21:47:42 elharo Exp $

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 * $Id: Operator.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
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* $Id: IterableSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* $Id: XPathLexer.java,v 1.17 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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 * $Id: TrueFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/TrueFunction.java

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* $Id: IterableParentAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp$
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: IterableAncestorOrSelfAxis.java,v 1.7 2006/06/03 20:50:12 elharo Exp $
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jar/org/jaxen/expr/iter/IterableAncestorOrSelfAxis.java
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18:49:26 elharo Exp $
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$Id: DefaultStep.java,v 1.21 2006/02/05 21:47:40 elharo Exp $

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* *
* $Id: StringFunction.java,v 1.33 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/function/StringFunction.java

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2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:40 $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/expr/DefaultPathExpr.java

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultXPathExpr.java,v 1.9 2006/06/03
* 20:52:26 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/06/03 20:52:26 $
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* $Id: DefaultXPathExpr.java,v 1.9 2006/06/03 20:52:26 elharo Exp $
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18:52:02 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/08 18:52:02 $
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$Id: TextNodeStep.java,v 1.6 2006/11/08 18:52:02 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/expr/TextNodeStep.java

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* $Revision: 1.14 $
* $Date: 2006/11/09 18:20:12 $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/util/AncestorAxisIterator.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/LangFunction.java,v 1.13 2006/02/05
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/*
 * $Revision: 1.15 $
 * $Date: 2006/11/30 18:49:26 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultModExpr.java
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* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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/ /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableNamespaceAxis.java

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* $Id: UnionExpr.java,v 1.7 2006/11/08 15:57:20 elharo Exp $
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* $Id: PositionFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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  jar/org/jaxen/expr/FilterExpr.java
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  16:21:05 elharo Exp $
* $Revision: 1.6 $
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* $Id: AdditiveExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/PrecedingSiblingAxisIterator.java,v 1.16
2006/11/13 22:10:09 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/13 22:10:09 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/javabeans/JavaBeanXPath.java,v 1.6 2006/06/03 20:36:00 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/06/03 20:36:00 $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/javabean/JavaBeanXPath.java
No license file was found, but licenses were detected in source scan.

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2006/02/05 21:47:42 elharo Exp $
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* $Id: UpperFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/ext/UpperFunction.java
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: Function.java,v 1.8 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/Function.java
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* $Id: NumberExpr.java,v 1.8 2006/11/08 17:17:32 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/NumberExpr.java
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/NameFunction.java

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  */opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: IterableDescendantOrSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/util/SingleObjectIterator.java
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  2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: AnyChildNodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources.jar/org/jaxen/pattern/AnyChildNodeTest.java
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 * $Id: NameStep.java,v 1.5 2006/11/08 17:10:02 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/NameStep.java
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* $Id: StartsWithFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/function/StartsWithFunction.java

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16:47:30 elharo Exp $
* $Revision: 1.9 $
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* $Id: LiteralExpr.java,v 1.9 2006/11/08 16:47:30 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/LiteralExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/LocationPathPattern.java,v 1.15
  2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/pattern/LocationPathPattern.java
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   /*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/StackedIterator.java,v 1.12 2006/02/05
  21:47:40 elharo Exp $
* $Revision: 1.12 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/StackedIterator.java

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  $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultAbsoluteLocationPath.java,v 1.18
  2006/11/30 18:49:27 elharo Exp$
  $Revision: 1.18$
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* $Id: DefaultAbsoluteLocationPath.java,v 1.18 2006/11/30 18:49:27 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultAbsoluteLocationPath.java
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  2006/11/08 15:44:33 elharo Exp $
* $Revision: 1.5 $
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* $Id: ProcessingInstructionNodeStep.java,v 1.5 2006/11/08 15:44:33 elharo Exp $ */

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/ProcessingInstructionNodeStep.java

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  * $Id: DefaultAndExpr.java,v 1.16 2006/11/30 18:49:27 elharo Exp $
  */

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultAndExpr.java
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* $Id: XPathReader.java,v 1.32 2006/04/07 23:47:37 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/saxpath/base/XPathReader.java

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* $Id: EvaluateFunction.java,v 1.10 2006/02/05 21:47:42 elharo Exp$
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/ext/EvaluateFunction.java
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$Id: PathExpr.java,v 1.9 2007/05/02 14:26:41 elharo Exp $

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/opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/PathExpr.java
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* $Revision: 1.8 $
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* $Id: PatternHandler.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/pattern/PatternHandler.java

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* $Id: SubstringBeforeFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/function/SubstringBeforeFunction.java

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* $Id: IterableDescendantAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/iter/IterableDescendantAxis.java

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultTextNodeStep.java
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: SubstringAfterFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/SubstringAfterFunction.java
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* $Id: DefaultLogicalExpr.java,v 1.8 2006/02/05 21:47:40 elharo Exp $
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* $Id: FalseFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* $Id: NormalizeSpaceFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/NormalizeSpaceFunction.java

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/ *
  18:20:12 elharo Exp $  
  * $Revision: 1.8 $  
  * $Date: 2006/11/09 18:20:12 $  
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Slf: LinkedIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
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* $Revision: 1.7 $
* $Date: 2006/06/03 20:21:05 $
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* $Id: UnresolvableException.java,v 1.7 2006/06/03 20:21:05 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/UnresolvableException.java

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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NodeTest.java,v 1.6 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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$Id: SimpleNamespaceContext.java,v 1.18 2006/06/03 20:19:26 elharo Exp $

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/opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultPredicate.java

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* $Id: LogicalExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
*/

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* $Id: XPathSyntaxException.java,v 1.10 2006/06/03 20:29:30 elharo Exp $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/FollowingAxisIterator.java,v 1.8
  2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/09 18:20:12 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/FloorFunction.java,v 1.11 2006/02/05
  21:47:41 elharo Exp $
* $Revision: 1.11 $
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* /opt/cola/permits/1110676434_1606843137.83/0/netty-resolver-4.1.24-final-sources-1-jar/io/netty/resolver/HostsFileParser.java
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compelled to copy the source along with the object code.

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Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

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

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

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

6. As an exception to the Sections above, you may also compile or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

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

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

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

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

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

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

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above,

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either
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This library is distributed in the hope that it will be useful,
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Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

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library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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Version 2.0, January 2004

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis
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Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the
libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library’s complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
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entire whole, and thus to each and every part regardless of who wrote
it.

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

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

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these notices.

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subsequent copies and derivative works made from that copy.

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

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

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

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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1.2375 glibc 2.17 307.el7.1

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 */
Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
  jar/org/hibernate/validator/internal/util/TypeHelper.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
  jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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 */
**/  
/**  
* A method-level constraint, that evaluates a script expression against the  
* annotated method or constructor. This constraint can be used to implement  
* validation routines that depend on several parameters of the annotated  
* executable.  
* </p>  
* <p>  
* Script expressions can be written in any scripting or expression language,  
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>  
* ("Scripting for the Java™ Platform”) compatible engine can be  
* found on the classpath. To refer to a parameter within the scripting  
* expression, use its name as obtained by the active  
* [javalexample.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.  
* will be used as parameter names.  
* </p>  
* <p>  
* The following listing shows an example using the JavaScript engine which  
* comes with the JDK:  
* </p>  
* <pre>  
* {code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")  
* public void createEvent(Date start, Date end) { ... }  
* }  
* </pre>  
* <p>  
* Can be specified on any method or constructor.  
* </p>  
*  
* @author Gunnar Morling  
*/  

Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/orghibernate/validation/constraints/ParameterScriptAssert.java

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/context/TypeConstraintMappingContext.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/ShortArrayValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalLongValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraints/Currency.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraints/ModCheck.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/xml/mapping/MappingXmlParser.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalDoubleValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/privilegedactions/package-info.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/IterableValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypeConfigurationBuilder.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigInteger.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerHierarchyLine.java
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* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/cfg/defs/RangeDef.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorContext.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/cfg/context/MethodTarget.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/metadata/aggregated/FieldCascadable.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/engine/path/NodeImpl.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigInteger.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForInstant.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForFloat.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadablePartial.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/cfg/defs/pl/REGONDef.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/cfg/context/CrossParameterTarget.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDateTime.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/privilegedactions/GetDeclaredFields.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfByte.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/PatternValidator.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForThaiBuddhistDate.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5.jar/org/hibernate/validator/internal/privilegedactions/GetDeclaredFields.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/AbstractEmailValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadableInstant.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadableInstants.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/parameternameprovider/ParamanerParameterNameProvider.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/groups/GroupWithInheritance.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/NumberComparatorHelper.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/AbstractDecimalMaxValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/parameternameprovider/ParamanerParameterNameProvider.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/groups/GroupWithInheritance.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/ListValueExtractor.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/ObjectArrayValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/FutureValidatorForMonthDay.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/FutureValidatorForMonthDay.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/DecimalMinValidatorForMonetaryAmount.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/DecimalMinValidatorForMonetaryAmount.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/path/package-info.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/defs/CPFDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/defs/CPFDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfInt.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfInt.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/defs/ScriptAssertDef.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/logging/formatter/DurationFormatter.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/fg/defs/FutureOrPresentDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/util/Version.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/ValidatorImpl.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/NotBlankValidator.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/constraints/time/DurationMax.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptions.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/metadata/location/BeanConstraintLocation.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfShort.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/MapValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/FutureValidatorForCalendar.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/FutureValidatorForZonedDateTime.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/cfg/ConstraintDef.java
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 * @param executable The executable of interest.
 * @return A list with parameter meta data for the given executable.
 */

Found in path(s):
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
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<p>
A method-level constraint, that evaluates a script expression against the
annotated method or constructor. This constraint can be used to implement
validation routines that depend on several parameters of the annotated
executable.
</p>
<p>
Script expressions can be written in any scripting or expression language,
for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
found on the classpath. To refer to a parameter within the scripting
expression, use its name as obtained by the active
[@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
will be used as parameter names.
</p>
<p>
The following listing shows an example using the JavaScript engine which
comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
* 
* @author Gunnar Morling
* */

Found in path(s):
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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jar/org/hibernate/validator/cfg/defs/URLDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/constraints/Currency.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/metadata/location/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffset
DateTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/context/ParameterConstraintMappingContext.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/cfg/defs/DecimalMaxDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/package-info.java

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* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/bv/money/DecimalMaxValidatorForMonetaryAmount.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/hv/Mod11CheckValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/xml/mapping/ConstrainedFieldStaxBuilder.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/conf/defs/FutureDef.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/hv/Mod11CheckValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForReadableInstant.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForShort.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForReadableInstant.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/resource/AggregateResourceBundleLocator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/conf/defs/pl/PESELDef.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/internal/metadata/descriptor/ReturnValueDescriptorImpl.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/conf/defs/pl/PESELDef.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/hibernate/validator/conf/defs/pl/PESELDef.java

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* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorNotFoundException.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/constraints/UniqueElements.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForShort.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttributes.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTermType.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/time/DurationMin.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForHijrahDate.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/Length.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/cfg/context/TypeTarget.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForLong.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/path/PropertyNode.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForInteger.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForThaiBuddhistDate.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/NotBlankValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/messageinterpolation/ResourceBundleMessageInterpolator.java
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* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6.0.11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForYear.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/MessageState.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/path/PathImpl.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/TermResolver.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCharSequence.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigDecimal.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/package-info.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/CodePointLength.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureJavaTimeValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/groups/Sequence.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraints/Email.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/aggregated/ValidatableParametersMetaData.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/util/privilegedactions/GetMethodFromPropertyName.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/valueextraction/ObjectArrayValueExtractor.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/xml/AbstractStaxBuilder.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/defs/pl/REGONDef.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/context/CrossParameterTarget.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/util/logging/Messages.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForHijrahDate.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForLong.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfFloat.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForDouble.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDateTime.java
jar/org/hibernate/validator/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/context/AnnotationProcessingOptions.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/messageinterpolation/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/scripting/DefaultScriptEvaluatorFactory.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PolishNumberValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalDateTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadablePartial.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/messageinterpolation/interpolationHelper.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/util/privilegedactions/GetInstancesFromServiceLoader.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/aggregated/ReturnValueMetaData.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/constraints/time/package-info.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/uniqueElementsValidator.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForFloat.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigInteger.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/messageinterpolation/ParameterTermResolver.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/xml/mapping/CrossParameterStaxBuilder.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForJapaneseDate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForDate.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForCalendar.java
No license file was found, but licenses were detected in source scan.

~ Hibernate Validator, declare and validate application constraints
~
~ License: Apache License, Version 2.0
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Found in path(s):
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-2.0.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.0.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.1.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.0.xsd
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/overview.html

No license file was found, but licenses were detected in source scan.

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 *
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 */

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 */

Found in path(s):
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
1.2397 glibc 2.17-307.el7_7.1.0atomix1
1.2397.1 Available under license:

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Version 2.1, February 1999

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* /opt/cola/permits/1104729314_1604648833.11/0/spring-aop-5-2-10-release-sources-jar/org/springframework/aop/support/default/AdvisorAdapterRegistrationManager.java
* /opt/cola/permits/1104729314_1604648833.11/0/spring-aop-5-2-10-release-sources-jar/org/springframework/aop/support/aspectj/AbstractAspectJAdvice.java
* /opt/cola/permits/1104729314_1604648833.11/0/spring-aop-5-2-10-release-sources-jar/org/springframework/aop/support/AdvisorAdapterRegistrationManager.java
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 * jdsample.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2002-2008 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains upsampling routines.
 *
 * Upsampling input data is counted in "row groups". A row group
 * is defined to be (v_samp_factor * DCT_v_scaled_size / min_DCT_v_scaled_size)
 * sample rows of each component. Upsampling will normally produce
 * max_v_samp_factor pixel rows from each row group (but this could vary
 * if the upsampler is applying a scale factor of its own).
 *
 * An excellent reference for image resampling is
Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdsample.c
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 * jdhuff.c
 *
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 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains Huffman entropy decoding routines.
 * Both sequential and progressive modes are supported in this single module.
 *
 * Much of the complexity here has to do with supporting input suspension.
 * If the data source module demands suspension, we want to be able to back
 * up to the start of the current MCU. To do this, we copy state variables
 * into local working storage, and update them back to the permanent
 * storage only upon successful completion of an MCU.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdatasrc.c
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/*
 * jdatasrc.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains decompression data source routines for the case of
 * reading JPEG data from memory or from a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different source manager.
 * IMPORTANT: we assume that fread() will correctly transcribe an array of
 * JOCTETs from 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

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/*
 * jmemname.c
 *
 * Copyright (C) 1992-1997, Thomas G. Lane.
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 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file provides a generic implementation of the system-dependent
 * portion of the JPEG memory manager. This implementation assumes that
 * you must explicitly construct a name for each temp file.
 * Also, the problem of determining the amount of memory available
 * is shoved onto the user.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jmemname.c
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/*
 * jcparam.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains optional default-setting code for the JPEG compressor.
 * Applications do not have to use this file, but those that don't use it
 * must know a lot more about the innards of the JPEG code.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jcparam.c
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/*
 * jerror.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
This file defines the error and message codes for the JPEG library. Edit this file to add new codes, or to translate the message strings to some other language. A set of error-reporting macros are defined too. Some applications using the JPEG library may wish to include this file to get the error codes and/or the macros.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jerror.h
No license file was found, but licenses were detected in source scan.

; For conditions of distribution and use, see the accompanying README file.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jmemdosa.asm
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INSTALLATION INSTRUCTIONS for the Independent JPEG Group's JPEG software

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This file explains how to configure and install the IJG software. We have tried to make this software extremely portable and flexible, so that it can be adapted to almost any environment. The downside of this decision is that the installation process is complicated. We have provided shortcuts to simplify the task on common systems. But in any case, you will need at least a little familiarity with C programming and program build procedures for your system.

If you are only using this software as part of a larger program, the larger program's installation procedure may take care of configuring the IJG code. For example, Ghostscript's installation script will configure the IJG code. You don't need to read this file if you just want to compile Ghostscript.

If you are on a Unix machine, you may not need to read this file at all. Try doing ./configure
make
test
If that doesn't complain, do
make install
(better do "make -n install" first to see if the makefile will put the files
where you want them). Read further if you run into snags or want to customize the code for your system.

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Optimization
Hints for specific systems

BEFORE YOU START
================

Before installing the software you must unpack the distributed source code. Since you are reading this file, you have probably already succeeded in this task. However, there is a potential for error if you needed to convert the files to the local standard text file format (for example, if you are on MS-DOS you may have converted LF end-of-line to CR/LF). You must apply such conversion to all the files EXCEPT those whose names begin with "test". The test files contain binary data; if you change them in any way then the self-test will give bad results.

Please check the last section of this file to see if there are hints for the specific machine or compiler you are using.

CONFIGURING THE SOFTWARE
==========================

To configure the IJG code for your system, you need to create two files:
* jconfig.h: contains values for system-dependent #define symbols.
* Makefile: controls the compilation process.
(On a non-Unix machine, you may create "project files" or some other substitute for a Makefile. jconfig.h is needed in any environment.)

We provide three different ways to generate these files:
* On a Unix system, you can just run the "configure" script.
* We provide sample jconfig files and makefiles for popular machines;
if your machine matches one of the samples, just copy the right sample
files to jconfig.h and Makefile.
* If all else fails, read the instructions below and make your own files.

Configuring the software using the automatic "configure" script
---------------------------------------------------------------

If you are on a Unix machine, you can just type
./configure
and let the configure script construct appropriate configuration files.
If you're using "csh" on an old version of System V, you might need to type
sh configure
instead to prevent csh from trying to execute configure itself.
Expect configure to run for a few minutes, particularly on slower machines;
it works by compiling a series of test programs.

Configure was created with GNU Autoconf and it follows the usual conventions
for GNU configure scripts. It makes a few assumptions that you may want to
override. You can do this by providing optional switches to configure:

* Configure will build both static and shared libraries, if possible.
If you want to build libjpeg only as a static library, say
./configure --disable-shared
If you want to build libjpeg only as a shared library, say
./configure --disable-static
Configure uses GNU libtool to take care of system-dependent shared library
building methods.

* Configure will use gcc (GNU C compiler) if it's available, otherwise cc.
To force a particular compiler to be selected, use the CC option, for example
./configure CC='cc'
The same method can be used to include any unusual compiler switches.
For example, on HP-UX you probably want to say
./configure CC='cc -Aa'
to get HP's compiler to run in ANSI mode.

* The default CFLAGS setting is "-g" for non-gcc compilers, "-g -O2" for gcc.
You can override this by saying, for example,
./configure CFLAGS='-O2'
if you want to compile without debugging support.

* Configure will set up the makefile so that "make install" will install files
into /usr/local/bin, /usr/local/man, etc. You can specify an installation
prefix other than /usr/local by giving configure the option "--prefix=PATH".

* If you don't have a lot of swap space, you may need to enable the IJG
software's internal virtual memory mechanism. To do this, give the option
"--enable-maxmem=N" where N is the default maxmemory limit in megabytes. This is discussed in more detail under "Selecting a memory manager", below. You probably don't need to worry about this on reasonably-sized Unix machines, unless you plan to process very large images.

Configure has some other features that are useful if you are cross-compiling or working in a network of multiple machine types; but if you need those features, you probably already know how to use them.

Configuring the software using one of the supplied jconfig and makefile files

If you have one of these systems, you can just use the provided configuration files:

Makefile jconfig file System and/or compiler

makefile.manxjconfig.manxAmiga, Manx Aztec C
makefile.sasjconfig.sasAmiga, SAS C
makeproj.macjconfig.macApple Macintosh, Metrowerks CodeWarrior
mak*jpeg.stjconfig.stAtari ST/STE/TT, Pure C or Turbo C
makefile.bccjconfig.bccMS-DOS or OS/2, Borland C
makefile.djjconfig.djMS-DOS, DJGPP (Delorie's port of GNU C)
makefile.mc6jconfig.mc6MS-DOS, Microsoft C (16-bit only)
makefile.watjconfig.watMS-DOS, OS/2, or Windows NT, Watcom C
makefile.vcjconfig.vcWindows NT/95, MS Visual C++
make*.vcjconfig.vcWindows NT/95, MS Visual C++ 6
make*.v10jconfig.vcWindows NT/95, MS Visual C++ 2010 (v10)
makefile.mmsjconfig.vmsDigital VMS, with MMS software
makefile.vmsjconfig.vmsDigital VMS, without MMS software

Copy the proper jconfig file to jconfig.h and the makefile to Makefile (or whatever your system uses as the standard makefile name). For more info see the appropriate system-specific hints section near the end of this file.

Configuring the software by hand

First, generate a jconfig.h file. If you are moderately familiar with C, the comments in jconfig.txt should be enough information to do this; just copy jconfig.txt to jconfig.h and edit it appropriately. Otherwise, you may prefer to use the ckconfig.c program. You will need to compile and execute ckconfig.c by hand --- we hope you know at least enough to do that. ckconfig.c may not compile the first try (in fact, the whole idea is for it to fail if anything is going to). If you get compile errors, fix them by editing ckconfig.c according to the directions given in ckconfig.c. Once
you get it to run, it will write a suitable jconfig.h file, and will also
print out some advice about which makefile to use.

You may also want to look at the canned jconfig files, if there is one for a
system similar to yours.

Second, select a makefile and copy it to Makefile (or whatever your system
uses as the standard makefile name). The most generic makefiles we provide
are
makefile.ansi: if your C compiler supports function prototypes
makefile.unix: if not.
(You have function prototypes if ckconfig.c put "#define HAVE_PROTOTYPES"
in jconfig.h.) You may want to start from one of the other makefiles if
there is one for a system similar to yours.

Look over the selected Makefile and adjust options as needed. In particular
you may want to change the CC and CFLAGS definitions. For instance, if you
are using GCC, set CC=gcc. If you had to use any compiler switches to get
cckconfig.c to work, make sure the same switches are in CFLAGS.

If you are on a system that doesn't use makefiles, you'll need to set up
project files (or whatever you do use) to compile all the source files and
link them into executable files cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
See the file lists in any of the makefiles to find out which files go into
each program. Note that the provided makefiles all make a "library" file
libjpeg first, but you don't have to do that if you don't want to; the file
lists identify which source files are actually needed for compression,
decompression, or both. As a last resort, you can make a batch script that
just compiles everything and links it all together; makefile.vms is an example
of this (it's for VMS systems that have no make-like utility).

Here are comments about some specific configuration decisions you'll
need to make:

Command line style

These programs can use a Unix-like command line style which supports
redirection and piping, like this:
cjpeg inputfile >outputfile
cjpeg <inputfile >outputfile
source program | cjpeg >outputfile
The simpler "two file" command line style is just
cjpeg inputfile outputfile
You may prefer the two-file style, particularly if you don't have pipes.

You MUST use two-file style on any system that doesn't cope well with binary
data fed through stdin/stdout; this is true for some MS-DOS compilers, for
example. If you're not on a Unix system, it's safest to assume you need
two-file style. (But if your compiler provides either the Posix-standard
fdopen() library routine or a Microsoft-compatible setmode() routine, you
can safely use the Unix command line style, by defining USE_FDOOPEN or
USE_SETMODE respectively.)

To use the two-file style, make jconfig.h say "#define TWO_FILE_COMMANDLINE".

Selecting a memory manager
--------------------------

The IJG code is capable of working on images that are too big to fit in main
memory; data is swapped out to temporary files as necessary. However, the
code to do this is rather system-dependent. We provide five different
memory managers:

* jmemansi.c This version uses the ANSI-standard library routine tmpfile(),
which not all non-ANSI systems have. On some systems
tmpfile() may put the temporary file in a non-optimal
location; if you don't like what it does, use jmemname.c.

* jmemname.c This version creates named temporary files. For anything
except a Unix machine, you'll need to configure the
select_file_name() routine appropriately; see the comments
near the head of jmemname.c. If you use this version, define
NEED_SIGNAL_CATCHER in jconfig.h to make sure the temp files
are removed if the program is aborted.

* jmemnobs.c (That stands for No Backing Store :-).) This will compile on
almost any system, but it assumes you have enough main memory
or virtual memory to hold the biggest images you work with.

* jmemdos.c This should be used with most 16-bit MS-DOS compilers.
See the system-specific notes about MS-DOS for more info.
IMPORTANT: if you use this, define USE_MSDOS_MEMMGR in
jconfig.h, and include the assembly file jmemdosa.asm in the
programs. The supplied makefiles and jconfig files for
16-bit MS-DOS compilers already do both.

* jmemmac.c Custom version for Apple Macintosh; see the system-specific
notes for Macintosh for more info.

To use a particular memory manager, change the SYSDEPMEM variable in your
makefile to equal the corresponding object file name (for example, jmemansi.o
or jmemansi.obj for jmemansi.c).

If you have plenty of (real or virtual) main memory, just use jmemnobs.c.
"Plenty" means about ten bytes for every pixel in the largest images
you plan to process, so a lot of systems don't meet this criterion. If yours doesn't, try jmemansi.c first. If that doesn't compile, you'll have to use jmemname.c; be sure to adjust select_file_name() for local conditions. You may also need to change unlink() to remove() in close_backing_store().

Except with jmemnobs.c or jmemmac.c, you need to adjust the DEFAULT_MAX_MEM setting to a reasonable value for your system (either by adding a #define for DEFAULT_MAX_MEM to jconfig.h, or by adding a -D switch to the Makefile). This value limits the amount of data space the program will attempt to allocate. Code and static data space isn't counted, so the actual memory needs for cjpeg or djpeg are typically 100 to 150Kb more than the max-memory setting. Larger max-memory settings reduce the amount of I/O needed to process a large image, but too large a value can result in "insufficient memory" failures. On most Unix machines (and other systems with virtual memory), just set DEFAULT_MAX_MEM to several million and forget it. At the other end of the spectrum, for MS-DOS machines you probably can't go much above 300K to 400K. (On MS-DOS the value refers to conventional memory only. Extended/expanded memory is handled separately by jmemdos.c.)

BUILDING THE SOFTWARE
=======================

Now you should be able to compile the software. Just say "make" (or whatever's necessary to start the compilation). Have a cup of coffee.

Here are some things that could go wrong:

If your compiler complains about undefined structures, you should be able to shut it up by putting "#define INCOMPLETE_TYPES_BROKEN" in jconfig.h.

If you have trouble with missing system include files or inclusion of the wrong ones, read jinclude.h. This shouldn't happen if you used configure or ckconfig.c to set up jconfig.h.

There are a fair number of routines that do not use all of their parameters; some compilers will issue warnings about this, which you can ignore. There are also a few configuration checks that may give "unreachable code" warnings. Any other warning deserves investigation.

If you don't have a getenv() library routine, define NO_GETENV.

Also see the system-specific hints, below.

TESTING THE SOFTWARE
======================
As a quick test of functionality we've included a small sample image in several forms:

testorig.jpg Starting point for the djpeg tests.
testimg.ppm The output of djpeg testorig.jpg
testimg.bmp The output of djpeg -bmp -colors 256 testorig.jpg
testimg.jpg The output of cjpeg testimg.ppm
testprog.jpg Progressive-mode equivalent of testorig.jpg.
testimgp.jpg The output of cjpeg -progressive -optimize testimg.ppm
(The first- and second-generation .jpg files aren't identical since the default compression parameters are lossy.) If you can generate duplicates of the testimg* files then you probably have working programs.

With most of the makefiles, "make test" will perform the necessary comparisons.

If you're using a makefile that doesn't provide the test option, run djjpeg and cjpeg by hand and compare the output files to testimg* with whatever binary file comparison tool you have. The files should be bit-for-bit identical.

If the programs complain "MAX_ALLOC_CHUNK is wrong, please fix", then you need to reduce MAX_ALLOC_CHUNK to a value that fits in type size_t. Try adding "#define MAX_ALLOC_CHUNK 65520L" to jconfig.h. A less likely configuration error is "ALIGN_TYPE is wrong, please fix": defining ALIGN_TYPE as long should take care of that one.

If the cjpeg test run fails with "Missing Huffman code table entry", it's a good bet that you needed to define RIGHT_SHIFT_IS_UNSIGNED. Go back to the configuration step and run ckconfig.c. (This is a good plan for any other test failure, too.)

If you are using Unix (one-file) command line style on a non-Unix system, it's a good idea to check that binary I/O through stdin/stdout actually works. You should get the same results from "djjpeg <testorig.jpg >out.ppm" as from "djjpeg -outfile out.ppm testorig.jpg". Note that the makefiles all use the latter style and therefore do not exercise stdin/stdout! If this check fails, try recompiling with USE_SETMODE or USE_FDOPEN defined. If it still doesn't work, better use two-file style.

If you chose a memory manager other than jmemnobs.c, you should test that temporary-file usage works. Try "djjpeg -bmp -colors 256 -max 0 testorig.jpg" and make sure its output matches testimg.bmp. If you have any really large images handy, try compressing them with -optimize and/or decompressing with -colors 256 to make sure your DEFAULT_MAX_MEM setting is not too large.

NOTE: this is far from an exhaustive test of the JPEG software; some modules, such as 1-pass color quantization, are not exercised at all. It's just a quick test to give you some confidence that you haven't missed something
INSTALLING THE SOFTWARE

Once you're done with the above steps, you can install the software by copying the executable files (cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom) to wherever you normally install programs. On Unix systems, you'll also want to put the man pages (cjpeg.1, djpeg.1, jpegtran.1, rdjpgcom.1, wrjpgcom.1) in the man-page directory. The pre-fab makefiles don't support this step since there's such a wide variety of installation procedures on different systems.

If you generated a Makefile with the "configure" script, you can just say make install to install the programs and their man pages into the standard places. (You'll probably need to be root to do this.) We recommend first saying make -n install to see where configure thought the files should go. You may need to edit the Makefile, particularly if your system's conventions for man page filenames don't match what configure expects.

If you want to install the IJG library itself, for use in compiling other programs besides ours, then you need to put the four include files jpeglib.h jerror.h jconfig.h jmorecfg.h into your include-file directory, and put the library file libjpeg.a (extension may vary depending on system) wherever library files go. If you generated a Makefile with "configure", it will do what it thinks is the right thing if you say make install-lib

OPTIONAL STUFF

Progress monitor:

If you like, you can #define PROGRESS_REPORT (in jconfig.h) to enable display of percent-done progress reports. The routine provided in cdjpeg.c merely prints percentages to stderr, but you can customize it to do something fancier.

Utah RLE file format support:

We distribute the software with support for RLE image files (Utah Raster Toolkit format) disabled, because the RLE support won't compile without the Utah library. If you have URT version 3.1 or later, you can enable RLE
support as follows:

1. #define RLE_SUPPORTED in jconfig.h.
2. Add a -I option to CFLAGS in the Makefile for the directory containing the URT .h files (typically the "include" subdirectory of the URT distribution).
3. Add -L... -lrle to LDLIBS in the Makefile, where ... specifies the directory containing the URT "librle.a" file (typically the "lib" subdirectory of the URT distribution).

Support for 9-bit to 12-bit deep pixel data:

The IJG code currently allows 8, 9, 10, 11, or 12 bits sample data precision. (For color, this means 8 to 12 bits per channel, of course.) If you need to work with deeper than 8-bit data, you can compile the IJG code for 9-bit to 12-bit operation.
To do so:

1. In jmorecfg.h, define BITS_IN_JSAMPLE as 9, 10, 11, or 12 rather than 8.
2. In jconfig.h, undefine BMP_SUPPORTED, RLE_SUPPORTED, and TARGA_SUPPORTED, because the code for those formats doesn't handle deeper than 8-bit data and won't even compile. (The PPM code does work, as explained below. The GIF code works too; it scales 8-bit GIF data to and from 12-bit depth automatically.)
3. Compile. Don't expect "make test" to pass, since the supplied test files are for 8-bit data.

Currently, 9-bit to 12-bit support does not work on 16-bit-int machines.

Run-time selection and conversion of data precision are currently not supported and may be added later.
Exception: The transcoding part (jpegtran) supports all settings in a single instance, since it operates on the level of DCT coefficients and not sample values.

The PPM reader (rdppm.c) can read deeper than 8-bit data from either text-format or binary-format PPM and PGM files. Binary-format PPM/PGM files which have a maxval greater than 255 are assumed to use 2 bytes per sample, MSB first (big-endian order). As of early 1995, 2-byte binary format is not officially supported by the PBMPLUS library, but it is expected that a future release of PBMPLUS will support it. Note that the PPM reader will read files of any maxval regardless of the BITS_IN_JSAMPLE setting; incoming data is automatically rescaled to maxval=MAXJSAMPLE as appropriate for the cjpeg bit depth.

The PPM writer (wrppm.c) will normally write 2-byte binary PPM or PGM format, maxval=MAXJSAMPLE, when compiled with BITS_IN_JSAMPLE>8. Since this format is not yet widely supported, you can disable it by compiling wrppm.c with PPM_NORAWWORD defined; then the data is scaled down to 8 bits to make a standard 1-byte/sample PPM or PGM file. (Yes, this means still another copy
of djpeg to keep around. But hopefully you won't need it for very long.
Poskanzer's supposed to get that new PBPLUS release out Real Soon Now.)

Of course, if you are working with 9-bit to 12-bit data, you probably have
it stored in some other, nonstandard format. In that case you'll probably
want to write your own I/O modules to read and write your format.

Note:
The standard Huffman tables are only valid for 8-bit data precision. If
you selected more than 8-bit data precision, cjpeg uses arithmetic coding
by default. The Huffman encoder normally uses entropy optimization to
compute usable tables for higher precision. Otherwise, you'll have to
supply different default Huffman tables.

Removing code:

If you need to make a smaller version of the JPEG software, some optional
functions can be removed at compile time. See the xxx_SUPPORTED #defines in
jconfig.h and jmorecfg.h. If at all possible, we recommend that you leave in
decoder support for all valid JPEG files, to ensure that you can read anyone's
output. Taking out support for image file formats that you don't use is the
most painless way to make the programs smaller. Another possibility is to
remove some of the DCT methods: in particular, the "IFAST" method may not be
enough faster than the others to be worth keeping on your machine. (If you
do remove ISLOW or IFAST, be sure to redefine JDCT_DEFAULT or JDCT_FASTEST
to a supported method, by adding a #define in jconfig.h.)

OPTIMIZATION
============

Unless you own a Cray, you'll probably be interested in making the JPEG
software go as fast as possible. This section covers some machine-dependent
optimizations you may want to try. We suggest that before trying any of
this, you first get the basic installation to pass the self-test step.
Repeat the self-test after any optimization to make sure that you haven't
broken anything.

The integer DCT routines perform a lot of multiplications. These
multiplications must yield 32-bit results, but none of their input values
are more than 16 bits wide. On many machines, notably the 680x0 and 80x86
CPUs, a 16x16=>32 bit multiply instruction is faster than a full 32x32=>32
bit multiply. Unfortunately there is no portable way to specify such a
multiplication in C, but some compilers can generate one when you use the
right combination of casts. See the MULTIPLYxxx macro definitions in
jdct.h. If your compiler makes "int" be 32 bits and "short" be 16 bits,
#defineing SHORTxSHORT_32 is fairly likely to work. When experimenting with
alternate definitions, be sure to test not only whether the code still works
(use the self-test), but also whether it is actually faster --- on some
compilers, alternate definitions may compute the right answer, yet be slower
than the default. Timing cjpeg on a large PGM (grayscale) input file is the
best way to check this, as the DCT will be the largest fraction of the runtime
in that mode. (Note: some of the distributed compiler-specific jconfig files
already contain #define switches to select appropriate MULTIPLYxxx
definitions.)

If your machine has sufficiently fast floating point hardware, you may find
that the float DCT method is faster than the integer DCT methods, even
after tweaking the integer multiply macros. In that case you may want to
make the float DCT be the default method. (The only objection to this is
that float DCT results may vary slightly across machines.) To do that, add
"#define JDCT_DEFAULT JDCT_FLOAT" to jconfig.h. Even if you don't change
the default, you should redefine JDCT_FASTEST, which is the method selected
by djpeg's -fast switch. Don't forget to update the documentation files
(usage.txt and/or cjpeg.1, djpeg.1) to agree with what you've done.

If access to "short" arrays is slow on your machine, it may be a win to
define type JCOEF as int rather than short. This will cost a good deal of
memory though, particularly in some multi-pass modes, so don't do it unless
you have memory to burn and short is REALLY slow.

If your compiler can compile function calls in-line, make sure the INLINE
macro in jmorecfg.h is defined as the keyword that marks a function
inline-able. Some compilers have a switch that tells the compiler to inline
any function it thinks is profitable (e.g., -finline-functions for gcc).
Enabling such a switch is likely to make the compiled code bigger but faster.

In general, it's worth trying the maximum optimization level of your compiler,
and experimenting with any optional optimizations such as loop unrolling.
(Unfortunately, far too many compilers have optimizer bugs ... be prepared to
back off if the code fails self-test.) If you do any experimentation along
these lines, please report the optimal settings to jpeg-info@jpegclub.org so
we can mention them in future releases. Be sure to specify your machine and
compiler version.

HINTS FOR SPECIFIC SYSTEMS
==========================

We welcome reports on changes needed for systems not mentioned here. Submit
'Em to jpeg-info@jpegclub.org. Also, if configure or ckconfig.c is wrong
about how to configure the JPEG software for your system, please let us know.

Acorn RISC OS:
After renaming the files according to Acorn conventions, take a copy of makefile.ansi, change all occurrences of 'libjpeg.a' to 'libjpeg.o' and change these definitions as indicated:

CFLAGS= -throwback -IC: -Wn
LDLIBS=C:o.Stubs
SYSDEPMEM=jmemansi.o
LN=Link
AR=LibFile -c -o

Also add a new line '.c.o:; $(cc) $< $(cflags) -c -o $@'. Remove the lines '$(RM) libjpeg.o' and '$(AR2) libjpeg.o' and the 'jconfig.h' dependency section.

Copy jconfig.txt to jconfig.h. Edit jconfig.h to define TWO_FILE_COMMANDLINE and CHAR_IS_UNSIGNED.

Run the makefile using !AMU not '!Make. If you want to use the 'clean' and 'test' makefile entries then you will have to fiddle with the syntax a bit and rename the test files.

Amiga:

SAS C 6.50 reportedly is too buggy to compile the IJG code properly. A patch to update to 6.51 is available from SAS or AmiNet FTP sites.

The supplied config files are set up to use jmemname.c as the memory manager, with temporary files being created on the device named by "JPEGTMP:.".

Atari ST/STE/TT:

Copy the project files makcjpeg.st, makdjpeg.st, maktjpeg.st, and makljpeg.st to cjpeg.prj, djpeg.prj, jpegtran.prj, and libjpeg.prj respectively. The project files should work as-is with Pure C. For Turbo C, change library filenames "pc..." to "tc..." in each project file. Note that libjpeg.prj selects jmemansi.c as the recommended memory manager. You'll probably want to adjust the DEFAULT_MAX_MEM setting --- you want it to be a couple hundred K less than your normal free memory. Put "#define DEFAULT_MAX_MEM nnnn" into jconfig.h to do this.

To use the 68881/68882 coprocessor for the floating point DCT, add the compiler option "-8" to the project files and replace pcfltlib.lib with pc881lib.lib in cjpeg.prj and djpeg.prj. Or if you don't have a coprocessor, you may prefer to remove the float DCT code by undefining
DCT_FLOAT_SUPPORTED in jmorecfg.h (since without a coprocessor, the float code will be too slow to be useful). In that case, you can delete pcfltlib.lib from the project files.

Note that you must make libjpeg.lib before making cjpeg.tpp, djpeg.tpp, or jpegtran.tpp. You'll have to perform the self-test by hand.

We haven't bothered to include project files for rdjpgcom and wrjpgcom. Those source files should just be compiled by themselves; they don't depend on the JPEG library. You can use the default.prj project file of the Pure C distribution to make the programs.

There is a bug in some older versions of the Turbo C library which causes the space used by temporary files created with “tmpfile()” not to be freed after an abnormal program exit. If you check your disk afterwards, you will find cluster chains that are allocated but not used by a file. This should not happen in cjpeg/djegjp/jpegtran, since we enable a signal catcher to explicitly close temp files before exiting. But if you use the JPEG library with your own code, be sure to supply a signal catcher, or else use a different system-dependent memory manager.

Cray:

Should you be so fortunate as to be running JPEG on a Cray YMP, there is a compiler bug in old versions of Cray's Standard C (prior to 3.1). If you still have an old compiler, you'll need to insert a line reading
"#pragma novector" just before the loop
for (i = 1; i <= (int) htbl->bits[l]; i++)
    huffsize[p++] = (char) l;
in fix_huff_tbl (in V5beta1, line 204 of jchuff.c and line 176 of jdhuff.c).
[This bug may or may not still occur with the current IJG code, but it's probably a dead issue anyway...]

HP-UX:

If you have HP-UX 7.05 or later with the "software development" C compiler, you should run the compiler in ANSI mode. If using the configure script, say

```
./configure CC='cc -Aa'
```
(or -Ae if you prefer). If configuring by hand, use makefile.ansi and add "-Aa" to the CFLAGS line in the makefile.

If you have a pre-7.05 system, or if you are using the non-ANSI C compiler delivered with a minimum HP-UX system, then you must use makefile.unix (and do NOT add -Aa); or just run configure without the CC option.
On HP 9000 series 800 machines, the HP C compiler is buggy in revisions prior to A.08.07. If you get complaints about "not a typedef name", you'll have to use makefile.unix, or run configure without the CC option.

Macintosh, generic comments:

The supplied user-interface files (cjpeg.c, djpeg.c, etc) are set up to provide a Unix-style command line interface. You can use this interface on the Mac by means of the ccommand() library routine provided by Metrowerks CodeWarrior or Think C. This is only appropriate for testing the library, however; to make a user-friendly equivalent of cjpeg/djpeg you'd really want to develop a Mac-style user interface. There isn't a complete example available at the moment, but there are some helpful starting points:
1. Sam Bushell's free “To JPEG” applet provides drag-and-drop conversion to JPEG under System 7 and later. This only illustrates how to use the compression half of the library, but it does a very nice job of that part.
2. Jim Brunner prepared a Mac-style user interface for both compression and decompression. Unfortunately, it hasn't been updated since IJG v4, and the library's API has changed considerably since then. Still it may be of some help, particularly as a guide to compiling the IJG code under Think C. Jim's code is available from the Info-Mac archives, at sumex-aim.stanford.edu or mirrors thereof; see file /info-mac/dev/src/jpeg-convert.c.hqx.

jmemmac.c is the recommended memory manager back end for Macintosh. It uses NewPtr/DisposePtr instead of malloc/free, and has a Mac-specific implementation of jpeg_mem_available(). It also creates temporary files that follow Mac conventions. (That part of the code relies on System-7-or-later OS functions. See the comments in jmemmac.c if you need to run it on System 6.)

NOTE that USE_MAC_MEMMGR must be defined in jconfig.h to use jmemmac.c.

You can also use jmemnobs.c, if you don't care about handling images larger than available memory. If you use any memory manager back end other than jmemmac.c, we recommend replacing "malloc" and "free" by "NewPtr" and "DisposePtr", because Mac C libraries often have peculiar implementations of malloc/free. (For instance, free() may not return the freed space to the Mac Memory Manager. This is undesirable for the IJG code because jmemmgr.c already clumps space requests.)

Macintosh, Metrowerks CodeWarrior:

The Unix-command-line-style interface can be used by defining USE_CCOMMAND. You'll also need to define TWO_FILE_COMMANDLINE to avoid stdin/stdout. This means that when using the cjpeg/djpeg programs, you'll have to type the input and output file names in the "Arguments" text-edit box, rather than using the file radio buttons. (Perhaps USE_FDOPEN or USE_SETMODE would
eliminate the problem, but I haven't heard from anyone who's tried it.)

On 680x0 Macs, Metrowerks defines type "double" as a 10-byte IEEE extended float. jmemmgr.c won't like this: it wants sizeof(ALIGN_TYPE) to be a power of 2. Add "#define ALIGN_TYPE long" to jconfig.h to eliminate the complaint.

The supplied configuration file jconfig.mac can be used for your jconfig.h; it includes all the recommended symbol definitions. If you have AppleScript installed, you can run the supplied script makeproj.mac to create CodeWarrior project files for the library and the testbed applications, then build the library and applications. (Thanks to Dan Sears and Don Agro for this nifty hack, which saves us from trying to maintain CodeWarrior project files as part of the IJG distribution...)

Macintosh, Think C:

The documentation in Jim Brunner's "JPEG Convert" source code (see above) includes detailed build instructions for Think C; it's probably somewhat out of date for the current release, but may be helpful.

If you want to build the minimal command line version, proceed as follows. You'll have to prepare project files for the programs; we don't include any in the distribution since they are not text files. Use the file lists in any of the supplied makefiles as a guide. Also add the ANSI and Unix C libraries in a separate segment. You may need to divide the JPEG files into more than one segment; we recommend dividing compression and decompression modules. Define USE_CCOMMAND in jconfig.h so that the ccommand() routine is called. You must also define TWO_FILE_COMMANDLINE because stdin/stdout don't handle binary data correctly.

On 680x0 Macs, Think C defines type "double" as a 12-byte IEEE extended float. jmemmgr.c won't like this: it wants sizeof(ALIGN_TYPE) to be a power of 2. Add "#define ALIGN_TYPE long" to jconfig.h to eliminate the complaint.

jconfig.mac should work as a jconfig.h configuration file for Think C, but the makeproj.mac AppleScript script is specific to CodeWarrior. Sorry.

MIPS R3000:

MIPS's cc version 1.31 has a rather nasty optimization bug. Don't use -O if you have that compiler version. (Use "cc -V" to check the version.) Note that the R3000 chip is found in workstations from DEC and others.

MS-DOS, generic comments for 16-bit compilers:
The IJG code is designed to work well in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model, and you should avoid "huge" model if at all possible. Be sure that NEED_FAR_POINTERS is defined in jconfig.h if you use a small-data memory model; be sure it is NOT defined if you use a large-data model. (The supplied makefiles and jconfig files for Borland and Microsoft C compile in medium model and define NEED_FAR_POINTERS.)

The DOS-specific memory manager, jmemdos.c, should be used if possible. It needs some assembly-code routines which are in jmemdosa.asm; make sure your makefile assembles that file and includes it in the library. If you don't have a suitable assembler, you can get pre-assembled object files for jmemdosa by FTP from ftp.uu.net:/graphics/jpeg/jdosaobj.zip. (DOS-oriented distributions of the IJG source code often include these object files.)

When using jmemdos.c, jconfig.h must define USE_MSDOS_MEMMGR and must set MAX_ALLOC_CHUNK to less than 64K (65520L is a typical value). If your C library's far-heap malloc() can't allocate blocks that large, reduce MAX_ALLOC_CHUNK to whatever it can handle.

If you can't use jmemdos.c for some reason --- for example, because you don't have an assembler to assemble jmemdosa.asm --- you'll have to fall back to jmemansi.c or jmemname.c. You'll probably still need to set MAX_ALLOC_CHUNK in jconfig.h, because most DOS C libraries won't malloc() more than 64K at a time. IMPORTANT: if you use jmemansi.c or jmemname.c, you will have to compile in a large-data memory model in order to get the right stdio library. Too bad.

wrjpgcom needs to be compiled in large model, because it mallocs a 64KB work area to hold the comment text. If your C library's malloc can't handle that, reduce MAX_COM_LENGTH as necessary in wrjpgcom.c.

Most MS-DOS compilers treat stdin/stdout as text files, so you must use two-file command line style. But if your compiler has either fdopen() or setmode(), you can use one-file style if you like. To do this, define USE_SETMODE or USE_FDOPEN so that stdin/stdout will be set to binary mode. (USE_SETMODE seems to work with more DOS compilers than USE_FDOPEN.) You should test that I/O through stdin/stdout produces the same results as I/O to explicitly named files... the "make test" procedures in the supplied makefiles do NOT use stdin/stdout.

MS-DOS, generic comments for 32-bit compilers:
None of the above comments about memory models apply if you are using a 32-bit flat-memory-space environment, such as DJGPP or Watcom C. (And you should use one if you have it, as performance will be much better than 8086-compatible code!) For flat-memory-space compilers, do NOT define NEED_FAR_POINTERS, and do NOT use jmemdos.c. Use jmemnobs.c if the environment supplies adequate virtual memory, otherwise use jmemansi.c or jmemname.c.

You'll still need to be careful about binary I/O through stdin/stdout. See the last paragraph of the previous section.

MS-DOS, Borland C:

Be sure to convert all the source files to DOS text format (CR/LF newlines). Although Borland C will often work OK with unmodified Unix (LF newlines) source files, sometimes it will give bogus compile errors. "Illegal character '#'" is the most common such error. (This is true with Borland C 3.1, but perhaps is fixed in newer releases.)

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE. jconfig.bcc already includes #define USE_SETMODE to make this work. (fdopen does not work correctly.)

MS-DOS, Microsoft C:

makefile.mc6 works with Microsoft C, DOS Visual C++, etc. It should only be used if you want to build a 16-bit (small or medium memory model) program.

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE. jconfig.mc6 already includes #define USE_SETMODE to make this work. (fdopen does not work correctly.)

Note that this makefile assumes that the working copy of itself is called "makefile". If you want to call it something else, say "makefile.mak", be sure to adjust the dependency line that reads "$(RFILE) : makefile". Otherwise the make will fail because it doesn't know how to create "makefile". Worse, some releases of Microsoft's make utilities give an incorrect error message in this situation.

Old versions of MS C fail with an "out of macro expansion space" error because they can't cope with the macro TRACEMS8 (defined in jerror.h). If this happens to you, the easiest solution is to change TRACEMS8 to expand to nothing. You'll lose the ability to dump out JPEG coefficient tables with djpeg -debug -debug, but at least you can compile.

Original MS C 6.0 is very buggy; it compiles incorrect code unless you turn
off optimization entirely (remove -O from CFLAGS). 6.00A is better, but it still generates bad code if you enable loop optimizations (-O1 or -Ox).

MS C 8.0 crashes when compiling jquant1.c with optimization switch /Oo ... which is on by default. To work around this bug, compile that one file with /Oo-.

Microsoft Windows (all versions), generic comments:

Some Windows system include files define typedef boolean as "unsigned char". The IJG code also defines typedef boolean, but we make it an "enum" by default. This doesn't affect the IJG programs because we don't import those Windows include files. But if you use the JPEG library in your own program, and some of your program's files import one definition of boolean while some import the other, you can get all sorts of mysterious problems. A good preventive step is to make the IJG library use "unsigned char" for boolean. To do that, add something like this to your jconfig.h file:

/* Define "boolean" as unsigned char, not enum, per Windows custom */
#ifndef __RPCNDR_H__ /* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#ifndef FALSE /* in case these macros already exist */
#define FALSE 0 /* values of boolean */
#endif
#ifndef TRUE
#define TRUE 1
#endif
#define HAVE_BOOLEAN /* prevent jmorecfg.h from redefining it */

(This is already in jconfig.vc, by the way.)

windef.h contains the declarations
#define far
#define FAR far

Since jmorecfg.h tries to define FAR as empty, you may get a compiler warning if you include both jpeglib.h and windef.h (which windows.h includes). To suppress the warning, you can put "#ifndef FAR"/"#endif" around the line "#define FAR" in jmorecfg.h.

(Something like this is already in jmorecfg.h, by the way.)

When using the library in a Windows application, you will almost certainly want to modify or replace the error handler module jerror.c, since our default error handler does a couple of inappropriate things:
1. it tries to write error and warning messages on stderr;
2. in event of a fatal error, it exits by calling exit().

A simple stopgap solution for problem 1 is to replace the line
fprintf(stderr, "%s\n", buffer);
(in output_message in jerror.c) with
MessageBox( GetActiveWindow(), buffer, "JPEG Error", MB_OK | MB_ICONERROR);

It's highly recommended that you at least do that much, since otherwise
error messages will disappear into nowhere.  (Beginning with IJG v6b, this
code is already present in jerror.c; just define USE_WINDOWS_MESSAGEBOX in
jconfig.h to enable it.)

The proper solution for problem 2 is to return control to your calling
application after a library error.  This can be done with the setjmp/longjmp
technique discussed in libjpeg.txt and illustrated in example.c.  (NOTE:
some older Windows C compilers provide versions of setjmp/longjmp that
don't actually work under Windows.  You may need to use the Windows system
functions Catch and Throw instead.)

The recommended memory manager under Windows is jmemnobs.c; in other words,
let Windows do any virtual memory management needed.  You should NOT use
jmemdos.c nor jmemdosa.asm under Windows.

For Windows 3.1, we recommend compiling in medium or large memory model;
for newer Windows versions, use a 32-bit flat memory model.  (See the MS-DOS
sections above for more info about memory models.)  In the 16-bit memory
models only, you'll need to put
#define MAX_ALLOC_CHUNK 65520L/* Maximum request to malloc() */
into jconfig.h to limit allocation chunks to 64Kb.  (Without that, you'd
have to use huge memory model, which slows things down unnecessarily.)

jmemnobs.c works without modification in large or flat memory models, but to
use medium model, you need to modify its jpeg_get_large and jpeg_free_large
routines to allocate far memory.  In any case, you might like to replace
its calls to malloc and free with direct calls on Windows memory allocation
functions.

You may also want to modify jdatasrc.c and jdatadst.c to use Windows file
operations rather than fread/fwrite.  This is only necessary if your C
compiler doesn't provide a competent implementation of C stdio functions.

You might want to tweak the RGB_xxx macros in jmorecfg.h so that the library
will accept or deliver color pixels in BGR sample order, not RGB; BGR order
is usually more convenient under Windows.  Note that this change will break
the sample applications cjpeg/djpeg, but the library itself works fine.

Many people want to convert the IJG library into a DLL.  This is reasonably
straightforward, but watch out for the following:

1. Don't try to compile as a DLL in small or medium memory model; use
large model, or even better, 32-bit flat model.  Many places in the IJG code
assume the address of a local variable is an ordinary (not FAR) pointer;
that isn't true in a medium-model DLL.
2. Microsoft C cannot pass file pointers between applications and DLLs. (See Microsoft Knowledge Base, PSS ID Number Q50336.) So jdatasrc.c and jdatadst.c don't work if you open a file in your application and then pass the pointer to the DLL. One workaround is to make jdatasrc.c/jdatadst.c part of your main application rather than part of the DLL.

3. You'll probably need to modify the macros GLOBAL() and EXTERN() to attach suitable linkage keywords to the exported routine names. Similarly, you'll want to modify METHODDEF() and JMETHOD() to ensure function pointers are declared in a way that lets application routines be called back through the function pointers. These macros are in jmorecfg.h. Typical definitions for a 16-bit DLL are:

```c
#define GLOBAL(type) type _far _pascal _loadds _export
#define EXTERN(type) extern type _far _pascal _loadds
#define METHODDEF(type) static type _far _pascal
#define JMETHOD(type, methodname, arglist) \
    type (_far _pascal *methodname) arglist
```

For a 32-bit DLL you may want something like:

```c
#define GLOBAL(type) __declspec(dllexport) type
#define EXTERN(type) extern __declspec(dllexport) type
```

Although not all the GLOBAL routines are actually intended to be called by the application, the performance cost of making them all DLL entry points is negligible.

The unmodified IJG library presents a very C-specific application interface, so the resulting DLL is only usable from C or C++ applications. There has been some talk of writing wrapper code that would present a simpler interface usable from other languages, such as Visual Basic. This is on our to-do list but hasn't been very high priority --- any volunteers out there?

Microsoft Windows, Borland C:

The provided jconfig.bcc should work OK in a 32-bit Windows environment, but you'll need to tweak it in a 16-bit environment (you'd need to define NEED_FAR_POINTERS and MAX_ALLOC CHUNK). Beware that makefile.bcc will need alteration if you want to use it for Windows --- in particular, you should use jmemnobs.c not jmemdos.c under Windows.

Borland C++ 4.5 fails with an internal compiler error when trying to compile jdmerge.c in 32-bit mode. If enough people complain, perhaps Borland will fix it. In the meantime, the simplest known workaround is to add a redundant definition of the variable range_limit in h2v1_merged_upsample(), at the head of the block that handles odd image width (about line 268 in v6 jdmerge.c):

```c
/* If image width is odd, do the last output column separately */
if (cinfo->output_width & 1) {
    register JSAMPLE * range_limit = cinfo->sample_range_limit; /* ADD THIS */
```

cb = GETJSAMPLE(*inptr1);
Pretty bizarre, especially since the very similar routine h2v2_merged_upsample
doesn't trigger the bug.
Recent reports suggest that this bug does not occur with "bcc32a" (the
Pentium-optimized version of the compiler).

Another report from a user of Borland C 4.5 was that incorrect code (leading
to a color shift in processed images) was produced if any of the following
optimization switch combinations were used:
- Ot -Oh
- Ot -Op
- Ot -Om
So try backing off on optimization if you see such a problem. (Are there
several different releases all numbered "4.5"??)

Microsoft Windows, Microsoft Visual C++:

jconfig.vc should work OK with any Microsoft compiler for a 32-bit memory
model. makefile.vc is intended for command-line use. (If you are using
the Developer Studio environment, you may prefer the DevStudio project
files; see below.)

I JG JPEG 7 adds extern "C" to jpeglib.h. This avoids the need to put
extern "C" { ... } around #include "jpeglib.h" in your C++ application.
You can also force VC++ to treat the library as C++ code by renaming
all the *.c files to *.cpp (and adjusting the makefile to match).
In this case you also need to define the symbol DONT_USE_EXTERN_C in
the configuration to prevent jpeglib.h from using extern "C".

Microsoft Windows, Microsoft Visual C++ 6 Developer Studio:

We include makefiles that should work as project files in DevStudio 6.0 or
later. There is a library makefile that builds the IJG library as a static
Win32 library, and application makefiles that build the sample applications
as Win32 console applications. (Even if you only want the library, we
recommend building the applications so that you can run the self-test.)

To use:
1. Open the command prompt, change to the main directory and execute the
command line
NMAKE /f makefile.vc  setup-vc6
   This will move jconfig.vc to jconfig.h and makefiles to project files.
   (Note that the renaming is critical!)
2. Open the workspace file jpeg.dsw, build the library project.
   (If you are using DevStudio more recent than 6.0, you'll probably
get a message saying that the project files are being updated.)
3. Open the workspace file apps.dsw, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc test-build
5. Move the application .exe files from `app`\Release to an appropriate location on your path.

Microsoft Windows, Microsoft Visual C++ 2010 Developer Studio (v10):

We include makefiles that should work as project files in Visual Studio 2010 or later. There is a library makefile that builds the IJG library as a static Win32 library, and application makefiles that build the sample applications as Win32 console applications. (Even if you only want the library, we recommend building the applications so that you can run the self-test.)

To use:
1. Open the command prompt, change to the main directory and execute the command line
   NMAKE /f makefile.vc setup-v10
   This will move jconfig.vc to jconfig.h and makefiles to project files.
   (Note that the renaming is critical!)
2. Open the solution file jpeg.sln, build the library project.
   (If you are using Visual Studio more recent than 2010 (v10), you'll probably get a message saying that the project files are being updated.)
3. Open the solution file apps.sln, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc test-build
5. Move the application .exe files from `app`\Release to an appropriate location on your path.

Note:
There seems to be an optimization bug in the compiler which causes the self-test to fail with the color quantization option.
We have disabled optimization for the file jquant2.c in the library project file which causes the self-test to pass properly.

OS/2, Borland C++:

Watch out for optimization bugs in older Borland compilers; you may need to back off the optimization switch settings. See the comments in makefile.bcc.

SGI:

On some SGI systems, you may need to set "AR2= ar -ts" in the Makefile.
If you are using configure, you can do this by saying
`./configure RANLIB=`ar -ts`
This change is not needed on all SGI's. Use it only if the make fails at the
stage of linking the completed programs.

On the MIPS R4000 architecture (Indy, etc.), the compiler option `-mips2`
reportedly speeds up the float DCT method substantially, enough to make it
faster than the default int method (but still slower than the fast int
method). If you use -mips2, you may want to alter the default DCT method to
be float. To do this, put "#define JDCT_DEFAULT JDCT_FLOAT" in jconfig.h.

VMS:

On an Alpha/VMS system with MMS, be sure to use the "/Marco=Alpha=1"
qualifier with MMS when building the JPEG package.

VAX/VMS v5.5-1 may have problems with the test step of the build procedure
reporting differences when it compares the original and test images. If the
error points to the last block of the files, it is most likely bogus and may
be safely ignored. It seems to be because the files are Stream_LF and
Backup/Compare has difficulty with the (presumably) null padded files.
This problem was not observed on VAX/VMS v6.1 or AXP/VMS v6.1.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/install.txt
No license file was found, but licenses were detected in source scan.

/*
 * wrbmp.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains routines to write output images in Microsoft "BMP"
 * format (MS Windows 3.x and OS/2 1.x flavors).
 * Either 8-bit colormapped or 24-bit full-color format can be written.
 * No compression is supported.
 * 
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 * 
 * This code contributed by James Arthur Boucher.
 */
Open Source Used In Data Center Network Manager 11.5(1) 19753

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrbmp.c
No license file was found, but licenses were detected in source scan.

/*
* jdarith.c
*
* Developed 1997-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains portable arithmetic entropy decoding routines for JPEG
*
* Both sequential and progressive modes are supported in this single module.
*
* Suspension is not currently supported in this module.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdarith.c
No license file was found, but licenses were detected in source scan.

/*
* jdct.h
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This include file contains common declarations for the forward and
* inverse DCT modules. These declarations are private to the DCT managers
* (jcdctmgr.c, jdctmgr.c) and the individual DCT algorithms.
* The individual DCT algorithms are kept in separate files to ease
* machine-dependent tuning (e.g., assembly coding).
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdct.h
No license file was found, but licenses were detected in source scan.

/*
* jcomapi.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
*/
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains application interface routines that are used for both
compression and decompression.

*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar.gz/kodabb-libjpeg-
  0278ff0/jcomapi.c
No license file was found, but licenses were detected in source scan.

/*
 * rdcolmap.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file implements djpegs "-map file" switch. It reads a source image
 * and constructs a colormap to be supplied to the JPEG decompressor.
 *
 * Currently, these file formats are supported for the map file:
 * GIF: the contents of the GIF's global colormap are used.
 * PPM (either text or raw flavor): the entire file is read and
 *   each unique pixel value is entered in the map.
 * Note that reading a large PPM file will be horrendously slow.
 * Typically, a PPM-format map file should contain just one pixel
 * of each desired color. Such a file can be extracted from an
 * ordinary image PPM file with ppmtomap(1).
 *
 * Rescaling a PPM that has a maxval unequal to MAXJSAMPLE is not
 * currently implemented.
 */

/* Portions of this code are based on the PBMPLUS library, which is:
 **
 ** Copyright (C) 1988 by Jef Poskanzer.
 **
 ** Permission to use, copy, modify, and distribute this software and its
 ** documentation for any purpose and without fee is hereby granted, provided
 ** that the above copyright notice appear in all copies and that both that
 ** copyright notice and this permission notice appear in supporting
 ** documentation. This software is provided "as is" without express or
 ** implied warranty.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar.gz/kodabb-libjpeg-
0278ff0/rdcolmap.c
No license file was found, but licenses were detected in source scan.

/*
 * jcmainct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the main buffer controller for compression.
 * The main buffer lies between the pre-processor and the JPEG
 * compressor proper; it holds downsampled data in the JPEG colorspace.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcmainct.c
No license file was found, but licenses were detected in source scan.

/*
 * jquant1.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains 1-pass color quantization (color mapping) routines.
 * These routines provide mapping to a fixed color map using equally spaced
 * color values. Optional Floyd-Steinberg or ordered dithering is available.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jquant1.c
No license file was found, but licenses were detected in source scan.

/*
 * rdjpcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * Modified 2009 by Bill Allombert, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that displays
* the text in COM (comment) markers in a JFIF file.
* This may be useful as an example of the minimum logic needed to parse
* JPEG markers.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
 * wrjpgcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that inserts
 * user-supplied text as a COM (comment) marker in a JFIF file.
 * This may be useful as an example of the minimum logic needed to parse
 * JPEG markers.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/wrjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
 * jdpostct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the decompression postprocessing controller.
 * This controller manages the upsampling, color conversion, and color
 * quantization/reduction steps; specifically, it controls the buffering
 * between upsample/color conversion and color quantization/reduction.
 *
 * If no color quantization/reduction is required, then this module has no
 * work to do, and it just hands off to the upsample/color conversion code.
 * An integrated upsample/convert/quantize process would replace this module
 * entirely.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
No license file was found, but licenses were detected in source scan.

/*
 * wrtarga.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in Targa format.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Lee Daniel Crocker.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrtarga.c

No license file was found, but licenses were detected in source scan.

/*
 * ckconfig.c
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/ckconfig.c

No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: FILE LIST

Copyright (C) 1994-2013, Thomas G. Lane, Guido Vollbeding.  
This file is part of the Independent JPEG Group's software.  
For conditions of distribution and use, see the accompanying README file.

Here is a road map to the files in the IJG JPEG distribution. The  
distribution includes the JPEG library proper, plus two application  
programs ("cjpeg" and "djpeg") which use the library to convert JPEG  
files to and from some other popular image formats. A third application
"jpegtran" uses the library to do lossless conversion between different variants of JPEG. There are also two stand-alone applications, "rdjpgcom" and "wrjpgcom".

THE JPEG LIBRARY
================

Include files:

jpeglib.h JPEG library's exported data and function declarations.
jconfig.h Configuration declarations. Note: this file is not present in the distribution; it is generated during installation.
jmorecfg.h Additional configuration declarations; need not be changed for a standard installation.
jeror.h Declares JPEG library’s error and trace message codes.
jinclude.h Central include file used by all IJG .c files to reference system include files.
jpegin.h JPEG library's internal data structures.
jdct.h Private declarations for forward & reverse DCT subsystems.
jmemsys.h Private declarations for memory management subsystem.
jversion.h Version information.

Applications using the library should include jpeglib.h (which in turn includes jconfig.h and jmorecfg.h). Optionally, jerror.h may be included if the application needs to reference individual JPEG error codes. The other include files are intended for internal use and would not normally be included by an application program. (cjpeg/djpeg/etc do use jinclude.h, since its function is to improve portability of the whole IJG distribution. Most other applications will directly include the system include files they want, and hence won't need jinclude.h.)

C source code files:

These files contain most of the functions intended to be called directly by an application program:

jcapimin.c Application program interface: core routines for compression.
jcapistd.c Application program interface: standard compression.
jdapimin.c Application program interface: core routines for decompression.
jdapistd.c Application program interface: standard decompression.
jcomapi.c Application program interface routines common to compression and decompression.
jparam.c Compression parameter setting helper routines.
jtrans.c API and library routines for transcoding compression.
jdtrans.c API and library routines for transcoding decompression.
Compression side of the library:

jcinit.c
Initialization: determines which other modules to use.

cmaster.c
Master control: setup and inter-pass sequencing logic.

cmainct.c
Main buffer controller (preprocessor => JPEG compressor).

cprepc.t
Preprocessor buffer controller.

coeffct.c
Buffer controller for DCT coefficient buffer.

color.c
Color space conversion.

csample.c
Downsampling.

dctmgr.c
DCT manager (DCT implementation selection & control).

dctint.c
Forward DCT using slow-but-accurate integer method.

dctfst.c
Forward DCT using faster, less accurate integer method.

dctflt.c
Forward DCT using floating-point arithmetic.

huff.c
Huffman entropy coding.

carith.c
Arithmetic entropy coding.

cmarker.c
JPEG marker writing.

dst.c
Data destination managers for memory and stdio output.

Decompression side of the library:

dmaster.c
Master control: determines which other modules to use.

dinput.c
Input controller: controls input processing modules.

dmainct.c
Main buffer controller (JPEG decompressor => postprocessor).

dcoeffct.c
Buffer controller for DCT coefficient buffer.

dpostct.c
Postprocessor buffer controller.

dmarker.c
JPEG marker reading.

dhuff.c
Huffman entropy decoding.

carith.c
Arithmetic entropy decoding.

dctmgr.c
IDCT manager (IDCT implementation selection & control).

dctint.c
Inverse DCT using slow-but-accurate integer method.

dctfst.c
Inverse DCT using faster, less accurate integer method.

dctflt.c
Inverse DCT using floating-point arithmetic.

dsample.c
Upsampling.

dcolor.c
Color space conversion.

dmerge.c
Merged upsampling/color conversion (faster, lower quality).

quant1.c
One-pass color quantization using a fixed-spacing colormap.

quant2.c
Two-pass color quantization using a custom-generated colormap.

Also handles one-pass quantization to an externally given map.

datarr.c
Data source managers for memory and stdio input.

Support files for both compression and decompression:

aricom.c
Tables for common use in arithmetic entropy encoding and decoding routines.

error.c
Standard error handling routines (application replaceable).

emmgr.c
System-independent (more or less) memory management code.

utils.c
Miscellaneous utility routines.
jmemmgr.c relies on a system-dependent memory management module. The IJG distribution includes the following implementations of the system-dependent module:

- jmemnobs.c: "No backing store": assumes adequate virtual memory exists.
- jmemansi.c: Makes temporary files with ANSI-standard routine tmpfile().
- jmemname.c: Makes temporary files with program-generated file names.
- jmemdos.c: Custom implementation for MS-DOS (16-bit environment only): can use extended and expanded memory as well as temp files.
- jmemmac.c: Custom implementation for Apple Macintosh.

Exactly one of the system-dependent modules should be configured into an installed JPEG library (see install.txt for hints about which one to use). On unusual systems you may find it worthwhile to make a special system-dependent memory manager.

Non-C source code files:

- jmemdosa.asm: 80x86 assembly code support for jmemdos.c; used only in MS-DOS-specific configurations of the JPEG library.

CJPEG/DJPEG/JPEGTRAN

Include files:

- cdjpeg.h: Declarations shared by cjpeg/djpeg/jpegtran modules.
- cderror.h: Additional error and trace message codes for cjpeg et al.
- transupp.h: Declarations for jpegtran support routines in transupp.c.

C source code files:

- cjpeg.c: Main program for cjpeg.
- djpeg.c: Main program for djpeg.
- jpegtran.c: Main program for jpegtran.
- cdjpeg.c: Utility routines used by all three programs.
- rdcolmap.c: Code to read a colormap file for djpeg's "-map" switch.
- rdswitch.c: Code to process some of cjpeg's more complex switches. Also used by jpegtran.
- transupp.c: Support code for jpegtran: lossless image manipulations.

Image file reader modules for cjpeg:

- rdbmp.c: BMP file input.
- rdgif.c: GIF file input (now just a stub).
- rdppm.c: PPM/PGM file input.
rdrle.c Utah RLE file input.
rdtarga.c Targa file input.

Image file writer modules for djpeg:

wrbmp.c BMP file output.
wrgif.c GIF file output (a mere shadow of its former self).
wrppm.c PPM/PGM file output.
wrrele.c Utah RLE file output.
wrtdarga.c Targa file output.

RDJPGCOM/WRJPGCOM
================

C source code files:

rdjpgcom.c Stand-alone rdjpgcom application.
wrjpgcom.c Stand-alone wrjpgcom application.

These programs do not depend on the IJG library. They do use
jconfig.h and jinclude.h, only to improve portability.

ADDITIONAL FILES
================

Documentation (see README for a guide to the documentation files):

README Master documentation file.
*.txt Other documentation files.
*.1 Documentation in Unix man page format.
change.log Version-to-version change highlights.
example.c Sample code for calling JPEG library.

Configuration/installation files and programs (see install.txt for more info):

configure Unix shell script to perform automatic configuration.
configure.ac Source file for use with Autoconf to generate configure.
lmain.sh Support scripts for configure (from GNU libtool).
config.guess
config.sub
decomp
missing
ar-lib
compile
install-sh Install shell script for those Unix systems lacking one.
Makefile.in Makefile input for configure.
Test files (see install.txt for test procedure):

test*. Source and comparison files for confidence test.
These are binary image files, NOT text files.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/filelist.txt
No license file was found, but licenses were detected in source scan.

/*
 * rdswitch.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to process some of cjpeg's more complicated
 * command-line switches. Switches processed here are:
 * -qtables file Read quantization tables from text file
 * -scans file Read scan script from text file
 * -quality N[N,...] Set quality ratings
 * -qslots N[N,...] Set component quantization table selectors
 * -sample HxV[,HxV,...] Set component sampling factors
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/rdswitch.c
No license file was found, but licenses were detected in source scan.

/*
 * jpegtran.c
 *
 * Copyright (C) 1995-2013, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for JPEG transcoding.
 * It is very similar to cjpeg.c, and partly to djpeg.c, but provides
* lossless transcoding between different JPEG file formats. It also
* provides some lossless and sort-of-lossless transformations of JPEG data.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jpegtran.c

No license file was found, but licenses were detected in source scan.

/**
 * jfdctflt.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a floating-point implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * This implementation should be more accurate than either of the integer
 * DCT implementations. However, it may not give the same results on all
 * machines because of differences in roundoff behavior. Speed will depend
 * on the hardware's floating point capacity.
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column. Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 *
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
 *
 * The primary disadvantage of this method is that with a fixed-point
 * implementation, accuracy is lost due to imprecise representation of the
 * scaled quantization values. However, that problem does not arise if
 * we use floating point arithmetic.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
No license file was found, but licenses were detected in source scan.

/*
 * jdinput.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2002-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains input control logic for the JPEG decompressor.
 * These routines are concerned with controlling the decompressor's input
 * processing (marker reading and coefficient decoding). The actual input
 * reading is done in jdmarker.c, jdhuff.c, and jdarith.c.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdinput.c
No license file was found, but licenses were detected in source scan.

/*
 * jddctmgr.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2002-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the inverse-DCT management logic.
 * This code selects a particular IDCT implementation to be used,
 * and it performs related housekeeping chores. No code in this file
 * is executed per IDCT step, only during output pass setup.
 *
 * Note that the IDCT routines are responsible for performing coefficient
 * dequantization as well as the IDCT proper. This module sets up the
 * dequantization multiplier table needed by the IDCT routine.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jddctmgr.c
No license file was found, but licenses were detected in source scan.

/*
 * jconfig.txt
 */
Copyright (C) 1991-1994, Thomas G. Lane.
* Modified 2009-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file documents the configuration options that are required to
* customize the JPEG software for a particular system.
* 
* The actual configuration options for a particular installation are stored
* in jconfig.h. On many machines, jconfig.h can be generated automatically
* or copied from one of the "canned" jconfig files that we supply. But if
* you need to generate a jconfig.h file by hand, this file tells you how.
* 
* DO NOT EDIT THIS FILE --- IT WON'T ACCOMPLISH ANYTHING.
* EDIT A COPY NAMED JCONFIG.H.
*/

/*
* These symbols indicate the properties of your machine or compiler.
* #define the symbol if yes, #undef it if no.
*/

/* Does your compiler support function prototypes?
* (If not, you also need to use ansi2knr, see install.txt)
*/
#define HAVE_PROTOTYPES

/* Does your compiler support the declaration "unsigned char"?
* How about "unsigned short"?
*/
#define HAVE_UNSIGNED_CHAR
#define HAVE_UNSIGNED_SHORT

/* Define "void" as "char" if your compiler doesn't know about type void.
* NOTE: be sure to define void such that "void *" represents the most general
* pointer type, e.g., that returned by malloc().
*/
#define void char

/* Define "const" as empty if your compiler doesn't know the "const" keyword.
*/
#define const

/* Define this if an ordinary "char" type is unsigned.
* If you're not sure, leaving it undefined will work at some cost in speed.
* If you defined HAVE UNSIGNED CHAR then the speed difference is minimal.
*/
#undef CHAR_IS_UNSIGNED

/* Define this if your system has an ANSI-conforming <stddef.h> file. */
#define HAVE_STDDEF_H

/* Define this if your system has an ANSI-conforming <stdlib.h> file. */
#define HAVE_STDLIB_H

/* Define this if your system does not have an ANSI/SysV <string.h>,
* but does have a BSD-style <strings.h>.
*/
#endif
#define NEED_BSD_STRINGS

/* Define this if your system does not provide typedef size_t in any of the
* ANSI-standard places (stddef.h, stdlib.h, or stdio.h), but places it in
* <sys/types.h> instead.
*/
#undef NEED_SYS_TYPES_H

/* For 80x86 machines, you need to define NEED_FAR_POINTERS,
* unless you are using a large-data memory model or 80386 flat-memory mode.
* On less brain-damaged CPUs this symbol must not be defined.
* (Defining this symbol causes large data structures to be referenced through
* “far” pointers and to be allocated with a special version of malloc.)
*/
#undef NEED_FAR_POINTERS

/* Define this if your linker needs global names to be unique in less
* than the first 15 characters.
*/
#undef NEED_SHORT_EXTERNAL_NAMES

/* Although a real ANSI C compiler can deal perfectly well with pointers to
* unspecified structures (see “incomplete types” in the spec), a few pre-ANSI
* and pseudo-ANSI compilers get confused. To keep one of these bozos happy,
* define INCOMPLETE_TYPES_BROKEN. This is not recommended unless you
* actually get “missing structure definition” warnings or errors while
* compiling the JPEG code.
*/
#undef INCOMPLETE_TYPES_BROKEN

/* Define “boolean” as unsigned char, not enum, on Windows systems. */
#ifdef _WIN32
#ifndef __RPCNDR_H__ /* don’t conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#endif
#ifdef FALSE/* in case these macros already exist */
#define FALSE0/* values of boolean */
#endif
#endif
#define TRUE	1
#endif
#define HAVE_BOOLEAN	/* prevent jmorecfg.h from redefining it */
#endif
/*
* The following options affect code selection within the JPEG library,
* but they don't need to be visible to applications using the library.
* To minimize application namespace pollution, the symbols won't be
* defined unless JPEG_INTERNALS has been defined.
*/
#ifdef JPEG_INTERNALS
/* Define this if your compiler implements ">>" on signed values as a logical
  (unsigned) shift; leave it undefined if ">>" is a signed (arithmetic) shift,
  which is the normal and rational definition.
*/
#undef RIGHT_SHIFT_IS_UNSIGNED
#endif /* JPEG_INTERNALS */

/*
* The remaining options do not affect the JPEG library proper,
* but only the sample applications cjpe/djpeg (see cjpe.c, djpeg.c).
* Other applications can ignore these.
*/
#ifdef JPEG_CJPEG_DJPEG
/* These defines indicate which image (non-JPEG) file formats are allowed. */
#define BMP_SUPPORTED	/* BMP image file format */
#define GIF_SUPPORTED/* GIF image file format */
#define PPM_SUPPORTED/* PBMPLUS PPM/PGM image file format */
#undef RLE_SUPPORTED/* Utah RLE image file format */
#define TARGA_SUPPORTED	/* Targa image file format */
/* Define this if you want to name both input and output files on the command
  line, rather than using stdout and optionally stdin. You MUST do this if
* your system can't cope with binary I/O to stdin/stdout. See comments at
  * head of cjpeg.c or djpeg.c.
  */
#undef TWO_FILE_COMMANDLINE

/* Define this if your system needs explicit cleanup of temporary files.
  * This is crucial under MS-DOS, where the temporary "files" may be areas
  * of extended memory; on most other systems it's not as important.
  */
#undef NEED_SIGNAL_CATCHER

/* By default, we open image files with fopen("rb") or fopen("wb").
 * This is necessary on systems that distinguish text files from binary files,
 * and is harmless on most systems that don't. If you have one of the rare
 * systems that complains about the "b" spec, define this symbol.
 */
#undef DONT_USE_B_MODE

/* Define this if you want percent-done progress reports from cjpeg/djpeg.
 */
#undef PROGRESS_REPORT

#endif /* JPEG_CJPEG_DJPEG */

Found in path(s):
  * /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
    0278ff0/jconfig.txt
No license file was found, but licenses were detected in source scan.

/*
 * transupp.h
 *
 * Copyright (C) 1997-2013, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains declarations for image transformation routines and
 * other utility code used by the jpegtran sample application. These are
 * NOT part of the core JPEG library. But we keep these routines separate
 * from jpegtran.c to ease the task of maintaining jpegtran-like programs
 * that have other user interfaces.
 * 
 * NOTE: all the routines declared here have very specific requirements
 * about when they are to be executed during the reading and writing of the
 * source and destination files. See the comments in transupp.c, or see
 * jpegtran.c for an example of correct usage.
 * */
No license file was found, but licenses were detected in source scan.

/*
 * wrppm.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in PPM/PGM format.
 * The extended 2-byte-per-sample raw PPM/PGM formats are supported.
 * The PBMPPLUS library is NOT required to compile this software
 * (but it is highly useful as a set of PPM image manipulation programs).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 */

No license file was found, but licenses were detected in source scan.

/*
 * cdjpeg.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains common support routines used by the IJG application
 * programs (cjpeg, djpeg, jpegtran).
 */

No license file was found, but licenses were detected in source scan.

/*
 * jmemmac.c
 */
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* jmemmac.c provides an Apple Macintosh implementation of the system-
* dependent portion of the JPEG memory manager.
* 
* If you use jmemmac.c, then you must define USE_MAC_MEMMGR in the
* JPEG_INTERNALS part of jconfig.h.
* 
* jmemmac.c uses the Macintosh toolbox routines NewPtr and DisposePtr
* instead of malloc and free. It accurately determines the amount of
* memory available by using CompactMem. Notice that if left to its
* own devices, this code can chew up all available space in the
* application's zone, with the exception of the rather small "slop"
* factor computed in jpeg_mem_available(). The application can ensure
* that more space is left over by reducing max_memory_to_use.
* 
* Large images are swapped to disk using temporary files and System 7.0+'s
* temporary folder functionality.
* 
* Note that jmemmac.c depends on two features of MacOS that were first
* introduced in System 7: FindFolder and the FSSpec-based calls.
* If your application uses jmemmac.c and is run under System 6 or earlier,
* and the jpeg library decides it needs a temporary file, it will abort,
* printing error messages about requiring System 7. (If no temporary files
* are created, it will run fine.)
* 
* If you want to use jmemmac.c in an application that might be used with
* System 6 or earlier, then you should remove dependencies on FindFolder
* and the FSSpec calls. You will need to replace FindFolder with some
* other mechanism for finding a place to put temporary files, and you
* should replace the FSSpec calls with their HFS equivalents:
* 
*     FSpDelete -> HDelete
*     FSpGetFInfo -> HGetFInfo
*     FSpCreate  -> HCreate
*     FSpOpenDF  -> HOpen   *** Note: not HOpenDF ***
*     FSMakeFSSpec -> (fill in spec by hand.)
* 
* (Use HOpen instead of HOpenDF. HOpen is just a glue-interface to PBHOpen,
* which is on all HFS macs. HOpenDF is a System 7 addition which avoids the
* ages-old problem of names starting with a period.)
* 
* Contributed by Sam Bushell (jsam@iagu.on.net) and
* Dan Gildor (gyld@in-touch.com).
*/
Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemmac.c
No license file was found, but licenses were detected in source scan.

/*
 * jmorecfg.h
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 1997-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains additional configuration options that customize the
 * JPEG software for special applications or support machine-dependent
 * optimizations. Most users will not need to touch this file.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmorecfg.h
No license file was found, but licenses were detected in source scan.

/*
 * jaricom.c
 *
 * Developed 1997-2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains probability estimation tables for common use in
 * arithmetic entropy encoding and decoding routines.
 *
 * This data represents Table D.3 in the JPEG spec (D.2 in the draft),
 * ISO/IEC IS 10918-1 and CCITT Recommendation ITU-T T.81, and Table 24
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jaricom.c
No license file was found, but licenses were detected in source scan.

/*
 * jmemnobs.c
 *
 * Copyright (C) 1992-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file provides a really simple implementation of the system-
* dependent portion of the JPEG memory manager. This implementation
* assumes that no backing-store files are needed: all required space
* can be obtained from malloc().
* This is very portable in the sense that it'll compile on almost anything,
* but you'd better have lots of main memory (or virtual memory) if you want
* to process big images.
* Note that the max_memory_to_use option is ignored by this implementation.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jmemnobs.c
No license file was found, but licenses were detected in source scan.

/*
* rdgif.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains routines to read input images in GIF format.
* 
*****************************************************************************
* NOTE: to avoid entanglements with Unisys' patent on LZW compression, *
* the ability to read GIF files has been removed from the IJG distribution. *
* Sorry about that. 
*****************************************************************************
*
* We are required to state that
* "The Graphics Interchange Format(c) is the Copyright property of
* CompuServe Incorporated. GIF(sm) is a Service Mark property of
* CompuServe Incorporated."
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/rdgif.c
No license file was found, but licenses were detected in source scan.

/*
* jcprepct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains the compression preprocessing controller.
* This controller manages the color conversion, downsampling,
* and edge expansion steps.
* Most of the complexity here is associated with buffering input rows
* as required by the downsampler. See the comments at the head of
* jcprepct.c for the downsampler's needs.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jcprepct.c
No license file was found, but licenses were detected in source scan.

*/
* jchuff.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2006-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains Huffman entropy encoding routines.
* Both sequential and progressive modes are supported in this single module.
* Much of the complexity here has to do with supporting output suspension.
* If the data destination module demands suspension, we want to be able to
* back up to the start of the current MCU. To do this, we copy state
* variables into local working storage, and update them back to the
* permanent JPEG objects only upon successful completion of an MCU.
* We do not support output suspension for the progressive JPEG mode, since
* the library currently does not allow multiple-scan files to be written
* with output suspension.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jchuff.c
No license file was found, but licenses were detected in source scan.

*/
* jdatadst.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2009-2012 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains compression data destination routines for the case of
* emitting JPEG data to memory or to a file (or any stdio stream).
* While these routines are sufficient for most applications,
* some will want to use a different destination manager.
* IMPORTANT: we assume that fwrite() will correctly transcribe an array of
* JOCTETs into 8-bit-wide elements on external storage. If char is wider
* than 8 bits on your machine, you may need to do some tweaking.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdatadst.c
No license file was found, but licenses were detected in source scan.

/*
* jmemsys.h
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This include file defines the interface between the system-independent
* and system-dependent portions of the JPEG memory manager. No other
* modules need include it. (The system-independent portion is jmemmgr.c;
* there are several different versions of the system-dependent portion.)
*
* This file works as-is for the system-dependent memory managers supplied
* in the IJG distribution. You may need to modify it if you write a
* custom memory manager. If system-dependent changes are needed in
* this file, the best method is to #ifdef them based on a configuration
* symbol supplied in jconfig.h, as we have done with USE_MSDOS_MEMMGR
* and USE_MAC_MEMMGR.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemsys.h
No license file was found, but licenses were detected in source scan.

/*
* jidctint.c
*
* Copyright (C) 1991-1998, Thomas G. Lane.
* Modification developed 2002-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains a slow-but-accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.
* 
* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.
* 
* This implementation is based on an algorithm described in
* C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
* Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
* The primary algorithm described there uses 11 multiplies and 29 adds.
* We use their alternate method with 12 multiplies and 32 adds.
* The advantage of this method is that no data path contains more than one
* multiplication; this allows a very simple and accurate implementation in
* scaled fixed-point arithmetic, with a minimal number of shifts.
* 
* We also provide IDCT routines with various output sample block sizes for
* direct resolution reduction or enlargement and for direct resolving the
* common 2x1 and 1x2 subsampling cases without additional resampling: NxN
* (N=1...16), 2NxN, and Nx2N (N=1...8) pixels for one 8x8 input DCT block.
* 
* For N<8 we simply take the corresponding low-frequency coefficients of
* the 8x8 input DCT block and apply an NxN point IDCT on the sub-block
* to yield the downsampled outputs.
* This can be seen as direct low-pass downsampling from the DCT domain
* point of view rather than the usual spatial domain point of view,
* yielding significant computational savings and results at least
* as good as common bilinear (averaging) spatial downsampling.
* 
* For N>8 we apply a partial NxN IDCT on the 8 input coefficients as
* lower frequencies and higher frequencies assumed to be zero.
* It turns out that the computational effort is similar to the 8x8 IDCT
* regarding the output size.
* Furthermore, the scaling and descaling is the same for all IDCT sizes.
* 
* CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
* since there would be too many additional constants to pre-calculate.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jidctint.c
No license file was found, but licenses were detected in source scan.

/*
 * jdtrans.c
 *
 * Copyright (C) 1995-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains library routines for transcoding decompression,
 * that is, reading raw DCT coefficient arrays from an input JPEG file.
 * The routines in jdapimin.c will also be needed by a transcoder.
 */

Found in path(s):
*/

* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdtrans.c

No license file was found, but licenses were detected in source scan.

/*
 * jerror.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2012 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains simple error-reporting and trace-message routines.
 * These are suitable for Unix-like systems and others where writing to
 * stderr is the right thing to do. Many applications will want to replace
 * some or all of these routines.
 *
 * If you define USE_WINDOWS_MESSAGEBOX in jconfig.h or in the makefile,
 * you get a Windows-specific hack to display error messages in a dialog box.
 * It ain't much, but it beats dropping error messages into the bit bucket,
 * which is what happens to stderr under most Windows C compilers.
 *
 * These routines are used by both the compression and decompression code.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jerror.c

No license file was found, but licenses were detected in source scan.

/*
 * jccolor.c
 */
Note that there have been *major* changes from the application interface presented by IJG version 4 and earlier versions. The old design had several inherent limitations, and it had accumulated a lot of cruft as we added features while trying to minimize application-interface changes. We have sacrificed backward compatibility in the version 5 rewrite, but we think the improvements justify this.

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You should read at least the overview and basic usage sections before trying to program with the library. The sections on advanced features can be read if and when you need them.

OVERVIEW
========

Functions provided by the library
The IJG JPEG library provides C code to read and write JPEG-compressed image files. The surrounding application program receives or supplies image data a scanline at a time, using a straightforward uncompressed image format. All details of color conversion and other preprocessing/postprocessing can be handled by the library.

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. The application indirectly selects use of this code by specifying the format in which it wishes to supply or receive image data. For example, if colormapped output is requested, then the decompression library automatically invokes color quantization.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

A word about functions *not* provided by the library. We handle a subset of the ISO JPEG standard; most baseline, extended-sequential, and progressive JPEG processes are supported. (Our subset includes all features now in common use.) Unsupported ISO options include:
* Hierarchical storage
* Lossless JPEG
* DNLM marker
* Nonintegral subsampling ratios

We support 8-bit to 12-bit data precision, but this is a compile-time choice rather than a run-time choice; hence it is difficult to use different precisions in a single application.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, this library is used by the free LIBTIFF library to support JPEG compression in TIFF.)

Outline of typical usage
------------------------
The rough outline of a JPEG compression operation is:

Allocate and initialize a JPEG compression object
Specify the destination for the compressed data (eg, a file)
Set parameters for compression, including image size & colorspace
jpeg_start_compress(...);
while (scan lines remain to be written)
  jpeg_write_scanlines(...);
 jpeg_finish_compress(...);
Release the JPEG compression object

A JPEG compression object holds parameters and working state for the JPEG library. We make creation/destruction of the object separate from starting or finishing compression of an image; the same object can be re-used for a series of image compression operations. This makes it easy to re-use the same parameter settings for a sequence of images. Re-use of a JPEG object also has important implications for processing abbreviated JPEG datastreams, as discussed later.

The image data to be compressed is supplied to jpeg_write_scanlines() from in-memory buffers. If the application is doing file-to-file compression, reading image data from the source file is the application's responsibility. The library emits compressed data by calling a "data destination manager", which typically will write the data into a file; but the application can provide its own destination manager to do something else.

Similarly, the rough outline of a JPEG decompression operation is:

Allocate and initialize a JPEG decompression object
Specify the source of the compressed data (eg, a file)
Call jpeg_read_header() to obtain image info
Set parameters for decompression
jpeg_start_decompress(...);
while (scan lines remain to be read)
  jpeg_read_scanlines(...);
 jpeg_finish_decompress(...);
Release the JPEG decompression object

This is comparable to the compression outline except that reading the datastream header is a separate step. This is helpful because information about the image's size, colorspace, etc is available when the application selects decompression parameters. For example, the application can choose an output scaling ratio that will fit the image into the available screen size.

The decompression library obtains compressed data by calling a data source manager, which typically will read the data from a file; but other behaviors can be obtained with a custom source manager. Decompressed data is delivered into in-memory buffers passed to jpeg_read_scanlines().
It is possible to abort an incomplete compression or decompression operation by calling jpeg_abort(); or, if you do not need to retain the JPEG object, simply release it by calling jpeg_destroy().

JPEG compression and decompression objects are two separate struct types. However, they share some common fields, and certain routines such as jpeg_destroy() can work on either type of object.

The JPEG library has no static variables: all state is in the compression or decompression object. Therefore it is possible to process multiple compression and decompression operations concurrently, using multiple JPEG objects.

Both compression and decompression can be done in an incremental memory-to-memory fashion, if suitable source/destination managers are used. See the section on "I/O suspension" for more details.

BASIC LIBRARY USAGE
====================

Data formats
------------

Before diving into procedural details, it is helpful to understand the image data format that the JPEG library expects or returns.

The standard input image format is a rectangular array of pixels, with each pixel having the same number of "component" or "sample" values (color channels). You must specify how many components there are and the colorspace interpretation of the components. Most applications will use RGB data (three components per pixel) or grayscale data (one component per pixel). PLEASE NOTE THAT RGB DATA IS THREE SAMPLES PER PIXEL, GRAYSCALE ONLY ONE. A remarkable number of people manage to miss this, only to find that their programs don't work with grayscale JPEG files.

There is no provision for colormapped input. JPEG files are always full-color or full grayscale (or sometimes another colorspace such as CMYK). You can feed in a colormapped image by expanding it to full-color format. However JPEG often doesn't work very well with source data that has been colormapped, because of dithering noise. This is discussed in more detail in the JPEG FAQ and the other references mentioned in the README file.

Pixels are stored by scanlines, with each scanline running from left to right. The component values for each pixel are adjacent in the row; for example, R,G,B,R,G,B,R,G,B,... for 24-bit RGB color. Each scanline is an array of data type JSAMPLE --- which is typically "unsigned char", unless
you've changed jmorecfg.h. (You can also change the RGB pixel layout, say to B,G,R order, by modifying jmorecfg.h. But see the restrictions listed in that file before doing so.)

A 2-D array of pixels is formed by making a list of pointers to the starts of scanlines; so the scanlines need not be physically adjacent in memory. Even if you process just one scanline at a time, you must make a one-element pointer array to conform to this structure. Pointers to JSAMPLE rows are of type JSAMPROW, and the pointer to the pointer array is of type JSAMPARRAY.

The library accepts or supplies one or more complete scanlines per call. It is not possible to process part of a row at a time. Scanlines are always processed top-to-bottom. You can process an entire image in one call if you have it all in memory, but usually it's simplest to process one scanline at a time.

For best results, source data values should have the precision specified by BITS_IN_JSAMPLE (normally 8 bits). For instance, if you choose to compress data that's only 6 bits/channel, you should left-justify each value in a byte before passing it to the compressor. If you need to compress data that has more than 8 bits/channel, compile with BITS_IN_JSAMPLE = 9 to 12. (See "Library compile-time options", later.)

The data format returned by the decompressor is the same in all details, except that colormapped output is supported. (Again, a JPEG file is never colormapped. But you can ask the decompressor to perform on-the-fly color quantization to deliver colormapped output.) If you request colormapped output then the returned data array contains a single JSAMPLE per pixel; its value is an index into a color map. The color map is represented as a 2-D JSAMPARRAY in which each row holds the values of one color component, that is, colormap[i][j] is the value of the i'th color component for pixel value (map index) j. Note that since the colormap indexes are stored in JSAMPLEs, the maximum number of colors is limited by the size of JSAMPLE (ie, at most 256 colors for an 8-bit JPEG library).

Compression details
-------------------

Here we revisit the JPEG compression outline given in the overview.

1. Allocate and initialize a JPEG compression object.

A JPEG compression object is a "struct jpeg_compress_struct". (It also has a bunch of subsidiary structures which are allocated via malloc(), but the application doesn't control those directly.) This struct can be just a local variable in the calling routine, if a single routine is going to execute the
whole JPEG compression sequence. Otherwise it can be static or allocated from malloc().

You will also need a structure representing a JPEG error handler. The part of this that the library cares about is a "struct jpeg_error_mgr". If you are providing your own error handler, you'll typically want to embed the jpeg_error_mgr struct in a larger structure; this is discussed later under "Error handling". For now we'll assume you are just using the default error handler. The default error handler will print JPEG error/warning messages on stderr, and it will call exit() if a fatal error occurs.

You must initialize the error handler structure, store a pointer to it into the JPEG object's "err" field, and then call jpeg_create_compress() to initialize the rest of the JPEG object.

Typical code for this step, if you are using the default error handler, is

```c
struct jpeg_compress_struct cinfo;
struct jpeg_error_mgr jerr;
...
cinfo.err = jpeg_std_error(&jerr);
jpeg_create_compress(&cinfo);
```

jpeg_create_compress allocates a small amount of memory, so it could fail if you are out of memory. In that case it will exit via the error handler; that's why the error handler must be initialized first.

2. Specify the destination for the compressed data (eg, a file).

As previously mentioned, the JPEG library delivers compressed data to a "data destination" module. The library includes one data destination module which knows how to write to a stdio stream. You can use your own destination module if you want to do something else, as discussed later.

If you use the standard destination module, you must open the target stdio stream beforehand. Typical code for this step looks like:

```c
FILE * outfile;
...
if ((outfile = fopen(filename, "wb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
jpeg_stdio_dest(&cinfo, outfile);
```

where the last line invokes the standard destination module.
WARNING: it is critical that the binary compressed data be delivered to the output file unchanged. On non-Unix systems the stdio library may perform newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that has been found to work on many systems.

You can select the data destination after setting other parameters (step 3), if that's more convenient. You may not change the destination between calling jpeg_start_compress() and jpeg_finish_compress().

3. Set parameters for compression, including image size & colorspace.

You must supply information about the source image by setting the following fields in the JPEG object (cinfo structure):

- image_width: Width of image, in pixels
- image_height: Height of image, in pixels
- input_components: Number of color channels (samples per pixel)
- in_color_space: Color space of source image

The image dimensions are, hopefully, obvious. JPEG supports image dimensions of 1 to 64K pixels in either direction. The input color space is typically RGB or grayscale, and input_components is 3 or 1 accordingly. (See "Special color spaces", later, for more info.) The in_color_space field must be assigned one of the J_COLOR_SPACE enum constants, typically JCS_RGB or JCS_GRAYSCALE.

JPEG has a large number of compression parameters that determine how the image is encoded. Most applications don't need or want to know about all these parameters. You can set all the parameters to reasonable defaults by calling jpeg_set_defaults(); then, if there are particular values you want to change, you can do so after that. The "Compression parameter selection" section tells about all the parameters.

You must set in_color_space correctly before calling jpeg_set_defaults(), because the defaults depend on the source image colorspace. However the other three source image parameters need not be valid until you call jpeg_start_compress(). There's no harm in calling jpeg_set_defaults() more than once, if that happens to be convenient.

Typical code for a 24-bit RGB source image is

```c
    cinfo.image_width = Width;  /* image width and height, in pixels */
    cinfo.image_height = Height;
    cinfo.input_components = 3;  /* # of color components per pixel */
    cinfo.in_color_space = JCS_RGB;  /* colorspace of input image */
```
jpeg_set_defaults(&cinfo);
/* Make optional parameter settings here */

4. jpeg_start_compress(...);

After you have established the data destination and set all the necessary source image info and other parameters, call jpeg_start_compress() to begin a compression cycle. This will initialize internal state, allocate working storage, and emit the first few bytes of the JPEG datastream header.

Typical code:

cjpeg_start_compress(&cinfo, TRUE);

The "TRUE" parameter ensures that a complete JPEG interchange datastream will be written. This is appropriate in most cases. If you think you might want to use an abbreviated datastream, read the section on abbreviated datastreams, below.

Once you have called jpeg_start_compress(), you may not alter any JPEG parameters or other fields of the JPEG object until you have completed the compression cycle.

5. while (scan lines remain to be written)
jpeg_write_scanlines(...);

Now write all the required image data by calling jpeg_write_scanlines() one or more times. You can pass one or more scanlines in each call, up to the total image height. In most applications it is convenient to pass just one or a few scanlines at a time. The expected format for the passed data is discussed under "Data formats", above.

Image data should be written in top-to-bottom scanline order. The JPEG spec contains some weasel wording about how top and bottom are application-defined terms (a curious interpretation of the English language...) but if you want your files to be compatible with everyone else's, you WILL use top-to-bottom order. If the source data must be read in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application cjpeg.

The library maintains a count of the number of scanlines written so far in the next_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.next_scanline < cinfo.image_height)". 


Code for this step depends heavily on the way that you store the source data. example.c shows the following code for the case of a full-size 2-D source array containing 3-byte RGB pixels:

```c
JSAMPROW row_pointer[1]; /* pointer to a single row */
int row_stride; /* physical row width in buffer */

row_stride = image_width * 3; /* JSAMPLEs per row in image_buffer */

while (cinfo.next_scanline < cinfo.image_height) {
    row_pointer[0] = & image_buffer[cinfo.next_scanline * row_stride];
    jpeg_write_scanlines(&cinfo, row_pointer, 1);
}
```

`jpeg_write_scanlines()` returns the number of scanlines actually written. This will normally be equal to the number passed in, so you can usually ignore the return value. It is different in just two cases:
* If you try to write more scanlines than the declared image height, the additional scanlines are ignored.
* If you use a suspending data destination manager, output buffer overrun will cause the compressor to return before accepting all the passed lines.

This feature is discussed under "I/O suspension", below. The normal stdio destination manager will NOT cause this to happen. In any case, the return value is the same as the change in the value of `next_scanline`.

6. `jpeg_finish_compress(...)`;

After all the image data has been written, call `jpeg_finish_compress()` to complete the compression cycle. This step is ESSENTIAL to ensure that the last bufferload of data is written to the data destination. `jpeg_finish_compress()` also releases working memory associated with the JPEG object.

Typical code:

```c
jpeg_finish_compress(&cinfo);
```

If using the stdio destination manager, don't forget to close the output stdio stream (if necessary) afterwards.

If you have requested a multi-pass operating mode, such as Huffman code optimization, `jpeg_finish_compress()` will perform the additional passes using data buffered by the first pass. In this case `jpeg_finish_compress()` may take quite a while to complete. With the default compression parameters, this will not happen.
It is an error to call jpeg_finish_compress() before writing the necessary total number of scanlines. If you wish to abort compression, call jpeg_abort() as discussed below.

After completing a compression cycle, you may dispose of the JPEG object as discussed next, or you may use it to compress another image. In that case return to step 2, 3, or 4 as appropriate. If you do not change the destination manager, the new datastream will be written to the same target.
If you do not change any JPEG parameters, the new datastream will be written with the same parameters as before. Note that you can change the input image dimensions freely between cycles, but if you change the input colorspace, you should call jpeg_set_defaults() to adjust for the new colorspace; and then you'll need to repeat all of step 3.

7. Release the JPEG compression object.

When you are done with a JPEG compression object, destroy it by calling jpeg_destroy_compress(). This will free all subsidiary memory (regardless of the previous state of the object). Or you can call jpeg_destroy(), which works for either compression or decompression objects --- this may be more convenient if you are sharing code between compression and decompression cases. (Actually, these routines are equivalent except for the declared type of the passed pointer. To avoid gripes from ANSI C compilers, jpeg_destroy() should be passed a j_common_ptr.)

If you allocated the jpeg_compress_struct structure from malloc(), freeing it is your responsibility --- jpeg_destroy() won't. Ditto for the error handler structure.

Typical code:

jpeg_destroy_compress(&cinfo);

8. Aborting.

If you decide to abort a compression cycle before finishing, you can clean up in either of two ways:

* If you don't need the JPEG object any more, just call jpeg_destroy_compress() or jpeg_destroy() to release memory. This is legitimate at any point after calling jpeg_create_compress() --- in fact, it's safe even if jpeg_create_compress() fails.

* If you want to re-use the JPEG object, call jpeg_abort_compress(), or call jpeg_abort() which works on both compression and decompression objects. This will return the object to an idle state, releasing any working memory.
jpeg_abort() is allowed at any time after successful object creation.

Note that cleaning up the data destination, if required, is your responsibility; neither of these routines will call term_destination(). (See "Compressed data handling", below, for more about that.)

jpeg_destroy() and jpeg_abort() are the only safe calls to make on a JPEG object that has reported an error by calling error_exit (see "Error handling" for more info). The internal state of such an object is likely to be out of whack. Either of these two routines will return the object to a known state.

Decompression details
---------------------

Here we revisit the JPEG decompression outline given in the overview.

1. Allocate and initialize a JPEG decompression object.

This is just like initialization for compression, as discussed above, except that the object is a "struct jpeg_decompress_struct" and you call jpeg_create_decompress(). Error handling is exactly the same.

Typical code:

struct jpeg_decompress_struct cinfo;
struct jpeg_error_mgr jerr;
...
cinfo.err = jpeg_std_error(&jerr);
jpeg_create_decompress(&cinfo);

(Both here and in the IJG code, we usually use variable name "cinfo" for both compression and decompression objects.)

2. Specify the source of the compressed data (eg, a file).

As previously mentioned, the JPEG library reads compressed data from a "data source" module. The library includes one data source module which knows how to read from a stdio stream. You can use your own source module if you want to do something else, as discussed later.

If you use the standard source module, you must open the source stdio stream beforehand. Typical code for this step looks like:

FILE * infile;
...
if ((infile = fopen(filename, "rb")) == NULL) {

fprintf(stderr, "can't open \%s\n", filename);
exit(1);
}
jpeg_stdio_src(&cinfo, infile);

where the last line invokes the standard source module.

WARNING: it is critical that the binary compressed data be read unchanged.
On non-Unix systems the stdio library may perform newline translation or
otherwise corrupt binary data. To suppress this behavior, you may need to use
a "b" option to fopen (as shown above), or use setmode() or another routine to
put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that
has been found to work on many systems.

You may not change the data source between calling jpeg_read_header() and
jpeg_finish_decompress(). If you wish to read a series of JPEG images from
a single source file, you should repeat the jpeg_read_header() to
jpeg_finish_decompress() sequence without reinitializing either the JPEG
object or the data source module; this prevents buffered input data from
being discarded.

3. Call jpeg_read_header() to obtain image info.

Typical code for this step is just

jpeg_read_header(&cinfo, TRUE);

This will read the source datastream header markers, up to the beginning
of the compressed data proper. On return, the image dimensions and other
info have been stored in the JPEG object. The application may wish to
consult this information before selecting decompression parameters.

More complex code is necessary if
* A suspending data source is used --- in that case jpeg_read_header()
  may return before it has read all the header data. See "I/O suspension",
  below. The normal stdio source manager will NOT cause this to happen.
* Abbreviated JPEG files are to be processed --- see the section on
  abbreviated datastreams. Standard applications that deal only in
  interchange JPEG files need not be concerned with this case either.

It is permissible to stop at this point if you just wanted to find out the
image dimensions and other header info for a JPEG file. In that case,
call jpeg_destroy() when you are done with the JPEG object, or call
jpeg_abort() to return it to an idle state before selecting a new data
source and reading another header.
4. Set parameters for decompression.

`jpeg_read_header()` sets appropriate default decompression parameters based on the properties of the image (in particular, its colorspace). However, you may well want to alter these defaults before beginning the decompression. For example, the default is to produce full color output from a color file. If you want colormapped output you must ask for it. Other options allow the returned image to be scaled and allow various speed/quality tradeoffs to be selected. "Decompression parameter selection", below, gives details.

If the defaults are appropriate, nothing need be done at this step.

Note that all default values are set by each call to `jpeg_read_header()`. If you reuse a decompression object, you cannot expect your parameter settings to be preserved across cycles, as you can for compression. You must set desired parameter values each time.

5. `jpeg_start_decompress(...);`

Once the parameter values are satisfactory, call `jpeg_start_decompress()` to begin decompression. This will initialize internal state, allocate working memory, and prepare for returning data.

Typical code is just

`jpeg_start_decompress(&cinfo);`

If you have requested a multi-pass operating mode, such as 2-pass color quantization, `jpeg_start_decompress()` will do everything needed before data output can begin. In this case `jpeg_start_decompress()` may take quite a while to complete. With a single-scan (non progressive) JPEG file and default decompression parameters, this will not happen; `jpeg_start_decompress()` will return quickly.

After this call, the final output image dimensions, including any requested scaling, are available in the JPEG object; so is the selected colormap, if colormapped output has been requested. Useful fields include

- `output_width` image width and height, as scaled
- `output_height`
- `out_color_components` # of color components in `out_color_space`
- `output_components` # of color components returned per pixel
- `colormap` the selected colormap, if any
- `actual_number_of_colors` number of entries in colormap

`output_components` is 1 (a colormap index) when quantizing colors; otherwise it equals `out_color_components`. It is the number of JSAMPLE values that will be
emitted per pixel in the output arrays.

Typically you will need to allocate data buffers to hold the incoming image. You will need output_width * output_components JSAMPLEs per scanline in your output buffer, and a total of output_height scanlines will be returned.

Note: if you are using the JPEG library’s internal memory manager to allocate data buffers (as djpeg does), then the manager’s protocol requires that you request large buffers *before* calling jpeg_start_decompress(). This is a little tricky since the output_XXX fields are not normally valid then. You can make them valid by calling jpeg_calc_output_dimensions() after setting the relevant parameters (scaling, output color space, and quantization flag).

6. while (scan lines remain to be read)
   jpeg_read_scanlines(...);

Now you can read the decompressed image data by calling jpeg_read_scanlines() one or more times. At each call, you pass in the maximum number of scanlines to be read (i.e., the height of your working buffer); jpeg_read_scanlines() will return up to that many lines. The return value is the number of lines actually read. The format of the returned data is discussed under "Data formats", above. Don’t forget that grayscale and color JPEGs will return different data formats!

Image data is returned in top-to-bottom scanline order. If you must write out the image in bottom-to-top order, you can use the JPEG library’s virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application djpeg.

The library maintains a count of the number of scanlines returned so far in the output_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.output_scanline < cinfo.output_height)". (Note that the test should NOT be against image_height, unless you never use scaling. The image_height field is the height of the original unscaled image.) The return value always equals the change in the value of output_scanline.

If you don’t use a suspending data source, it is safe to assume that jpeg_read_scanlines() reads at least one scanline per call, until the bottom of the image has been reached.

If you use a buffer larger than one scanline, it is NOT safe to assume that jpeg_read_scanlines() fills it. (The current implementation returns only a few scanlines per call, no matter how large a buffer you pass.) So you must always provide a loop that calls jpeg_read_scanlines() repeatedly until the whole image has been read.
7. jpeg_finish_decompress(...);

After all the image data has been read, call jpeg_finish_decompress() to complete the decompression cycle. This causes working memory associated with the JPEG object to be released.

Typical code:

jpeg_finish_decompress(&cinfo);

If using the stdio source manager, don't forget to close the source stdio stream if necessary.

It is an error to call jpeg_finish_decompress() before reading the correct total number of scanlines. If you wish to abort decompression, call jpeg_abort() as discussed below.

After completing a decompression cycle, you may dispose of the JPEG object as discussed next, or you may use it to decompress another image. In that case return to step 2 or 3 as appropriate. If you do not change the source manager, the next image will be read from the same source.

8. Release the JPEG decompression object.

When you are done with a JPEG decompression object, destroy it by calling jpeg_destroy_decompress() or jpeg_destroy(). The previous discussion of destroying compression objects applies here too.

Typical code:

jpeg_destroy_decompress(&cinfo);


You can abort a decompression cycle by calling jpeg_destroy_decompress() or jpeg_destroy() if you don't need the JPEG object any more, or jpeg_abort_decompress() or jpeg_abort() if you want to reuse the object. The previous discussion of aborting compression cycles applies here too.

Mechanics of usage: include files, linking, etc

Applications using the JPEG library should include the header file jpeglib.h to obtain declarations of data types and routines. Before including
jpeglib.h, include system headers that define at least the typedefs FILE and size_t. On ANSI-conforming systems, including <stdio.h> is sufficient; on older Unix systems, you may need <sys/types.h> to define size_t.

If the application needs to refer to individual JPEG library error codes, also include jerror.h to define those symbols.

jpeglib.h indirectly includes the files jconfig.h and jmorecfg.h. If you are installing the JPEG header files in a system directory, you will want to install all four files: jpeglib.h, jerror.h, jconfig.h, jmorecfg.h.

The most convenient way to include the JPEG code into your executable program is to prepare a library file ("libjpeg.a", or a corresponding name on non-Unix machines) and reference it at your link step. If you use only half of the library (only compression or only decompression), only that much code will be included from the library, unless your linker is hopelessly brain-damaged. The supplied makefiles build libjpeg.a automatically (see install.txt).

While you can build the JPEG library as a shared library if the whim strikes you, we don't really recommend it. The trouble with shared libraries is that at some point you'll probably try to substitute a new version of the library without recompiling the calling applications. That generally doesn't work because the parameter struct declarations usually change with each new version. In other words, the library's API is *not* guaranteed binary compatible across versions; we only try to ensure source-code compatibility. (In hindsight, it might have been smarter to hide the parameter structs from applications and introduce a ton of access functions instead. Too late now, however.)

On some systems your application may need to set up a signal handler to ensure that temporary files are deleted if the program is interrupted. This is most critical if you are on MS-DOS and use the jmemdos.c memory manager back end; it will try to grab extended memory for temp files, and that space will NOT be freed automatically. See cjpeg.c or djpeg.c for an example signal handler.

It may be worth pointing out that the core JPEG library does not actually require the stdio library: only the default source/destination managers and error handler need it. You can use the library in a stdio-less environment if you replace those modules and use jmennobs.c (or another memory manager of your own devising). More info about the minimum system library requirements may be found in jinclude.h.

ADVANCED FEATURES
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Compression parameter selection
-------------------------------
This section describes all the optional parameters you can set for JPEG compression, as well as the "helper" routines provided to assist in this task. Proper setting of some parameters requires detailed understanding of the JPEG standard; if you don't know what a parameter is for, it's best not to mess with it! See REFERENCES in the README file for pointers to more info about JPEG.

It's a good idea to call jpeg_set_defaults() first, even if you plan to set all the parameters; that way your code is more likely to work with future JPEG libraries that have additional parameters. For the same reason, we recommend you use a helper routine where one is provided, in preference to twiddling cinfo fields directly.

The helper routines are:

jpeg_set_defaults (j_compress_ptr cinfo)
This routine sets all JPEG parameters to reasonable defaults, using only the input image's color space (field in_color_space, which must already be set in cinfo). Many applications will only need to use this routine and perhaps jpeg_set_quality().

jpeg_set_colorspace (j_compress_ptr cinfo, J_COLOR_SPACE colorspace)
Sets the JPEG file's colorspace (field jpeg_color_space) as specified, and sets other color-space-dependent parameters appropriately. See "Special color spaces", below, before using this. A large number of parameters, including all per-component parameters, are set by this routine; if you want to twiddle individual parameters you should call jpeg_set_colorspace() before rather than after.

jpeg_default_colorspace (j_compress_ptr cinfo)
Selects an appropriate JPEG colorspace based on cinfo->in_color_space, and calls jpeg_set_colorspace(). This is actually a subroutine of jpeg_set_defaults(). It's broken out in case you want to change just the colorspace-dependent JPEG parameters.

jpeg_set_quality (j_compress_ptr cinfo, int quality, boolean force_baseline)
Constructs JPEG quantization tables appropriate for the indicated quality setting. The quality value is expressed on the 0..100 scale recommended by IJG (cjpeg's "-quality" switch uses this routine). Note that the exact mapping from quality values to tables may change in future IJG releases as more is learned about DCT quantization. If the force_baseline parameter is TRUE, then the quantization table entries are constrained to the range 1..255 for full JPEG baseline compatibility. In the current implementation, this only makes a difference for quality settings below 25, and it effectively prevents very small/low quality files from being generated. The IJG decoder is capable of reading the non-baseline files generated at low quality.
settings when force_baseline is FALSE, but other decoders may not be.

jpeg_set_linear_quality (j_compress_ptr cinfo, int scale_factor, boolean force_baseline)
Same as jpeg_set_quality() except that the generated tables are the
sample tables given in the JPEC spec section K.1, multiplied by the
specified scale factor (which is expressed as a percentage; thus
scale_factor = 100 reproduces the spec's tables). Note that larger
scale factors give lower quality. This entry point is useful for
conforming to the Adobe PostScript DCT conventions, but we do not
recommend linear scaling as a user-visible quality scale otherwise.
force_baseline again constrains the computed table entries to 1..255.

int jpeg_quality_scaling (int quality)
Converts a value on the IJG-recommended quality scale to a linear
scaling percentage. Note that this routine may change or go away
in future releases --- IJG may choose to adopt a scaling method that
can't be expressed as a simple scalar multiplier, in which case the
premise of this routine collapses. Caveat user.

jpeg_default_qtables (j_compress_ptr cinfo, boolean force_baseline)
Set default quantization tables with linear q_scale_factor[] values
(see below).

jpeg_add_quant_table (j_compress_ptr cinfo, int which_tbl,
    const unsigned int *basic_table,
    int scale_factor, boolean force_baseline)
Allows an arbitrary quantization table to be created. which_tbl
indicates which table slot to fill. basic_table points to an array
of 64 unsigned ints given in normal array order. These values are
multiplied by scale_factor/100 and then clamped to the range 1..65535
(or to 1..255 if force_baseline is TRUE).
CAUTION: prior to library version 6a, jpeg_add_quant_table expected
the basic table to be given in JPEG zigzag order. If you need to
write code that works with either older or newer versions of this
routine, you must check the library version number. Something like
"#if JPEG_LIB_VERSION >= 61" is the right test.

jpeg_simple_progression (j_compress_ptr cinfo)
Generates a default scan script for writing a progressive-JPEG file.
This is the recommended method of creating a progressive file,
unless you want to make a custom scan sequence. You must ensure that
the JPEG color space is set correctly before calling this routine.

Compression parameters (cinfo fields) include:

boolean arith_code
If TRUE, use arithmetic coding.
If FALSE, use Huffman coding.

int block_size
Set DCT block size. All N from 1 to 16 are possible.
Default is 8 (baseline format).
Larger values produce higher compression,
smaller values produce higher quality.
An exact DCT stage is possible with 1 or 2.
With the default quality of 75 and default Luminance qtable
the DCT+Quantization stage is lossless for value 1.
Note that values other than 8 require a SmartScale capable decoder,
introduced with IJG JPEG 8. Setting the block_size parameter for
compression works with version 8c and later.

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are:
JDCT_ISLOW: slow but accurate integer algorithm
JDCT_IFAST: faster, less accurate integer method
JDCT_FLOAT: floating-point method
JDCT_DEFAULT: default method (normally JDCT_ISLOW)
JDCT_FASTEST: fastest method (normally JDCT_IFAST)
The FLOAT method is very slightly more accurate than the ISLOW method,
but may give different results on different machines due to varying
roundoff behavior. The integer methods should give the same results
on all machines. On machines with sufficiently fast FP hardware, the
floating-point method may also be the fastest. The IFAST method is
considerably less accurate than the other two; its use is not
recommended if high quality is a concern. JDCT_DEFAULT and
JDCT_FASTEST are macros configurable by each installation.

unsigned int scale_num, scale_denom
Scale the image by the fraction scale_num/scale_denom. Default is
1/1, or no scaling. Currently, the supported scaling ratios are
M/N with all N from 1 to 16, where M is the destination DCT size,
which is 8 by default (see block_size parameter above).
(The library design allows for arbitrary scaling ratios but this
is not likely to be implemented any time soon.)

J_COLOR_SPACE jpeg_color_space
int num_components
The JPEG color space and corresponding number of components; see
"Special color spaces", below, for more info. We recommend using
jpeg_set_colorspace() if you want to change these.

J_COLOR_TRANSFORM color_transform
Internal color transform identifier, writes LSE marker if nonzero
(requires decoder with inverse color transform support, introduced
Two values are currently possible: JCT_NONE and JCT_SUBTRACT_GREEN. Set this value for lossless RGB application *before* calling jpeg_set_colorspace(), because entropy table assignment in jpeg_set_colorspace() depends on color_transform.

boolean optimize_coding
TRUE causes the compressor to compute optimal Huffman coding tables for the image. This requires an extra pass over the data and therefore costs a good deal of space and time. The default is FALSE, which tells the compressor to use the supplied or default Huffman tables. In most cases optimal tables save only a few percent of file size compared to the default tables. Note that when this is TRUE, you need not supply Huffman tables at all, and any you do supply will be overwritten.

unsigned int restart_interval
int restart_in_rows
To emit restart markers in the JPEG file, set one of these nonzero. Set restart_interval to specify the exact interval in MCU blocks. Set restart_in_rows to specify the interval in MCU rows. (If restart_in_rows is not 0, then restart_interval is set after the image width in MCUs is computed.) Defaults are zero (no restarts). One restart marker per MCU row is often a good choice. NOTE: the overhead of restart markers is higher in grayscale JPEG files than in color files, and MUCH higher in progressive JPEGs. If you use restarts, you may want to use larger intervals in those cases.

const jpeg_scan_info * scan_info
int num_scans
By default, scan_info is NULL; this causes the compressor to write a single-scan sequential JPEG file. If not NULL, scan_info points to an array of scan definition records of length num_scans. The compressor will then write a JPEG file having one scan for each scan definition record. This is used to generate noninterleaved or progressive JPEG files. The library checks that the scan array defines a valid JPEG scan sequence. (jpeg_simple_progression creates a suitable scan definition array for progressive JPEG.) This is discussed further under "Progressive JPEG support".

boolean do_fancy_downsampling
If TRUE, use direct DCT scaling with DCT size > 8 for downsampling of chroma components. If FALSE, use only DCT size <= 8 and simple separate downsampling. Default is TRUE.
For better image stability in multiple generation compression cycles it is preferable that this value matches the corresponding
do_fancy_upsampling value in decompression.

int smoothing_factor
If non-zero, the input image is smoothed; the value should be 1 for
minimal smoothing to 100 for maximum smoothing. Consult jcsample.c
for details of the smoothing algorithm. The default is zero.

boolean write_JFIF_header
If TRUE, a JFIF APP0 marker is emitted. jpeg_set_defaults() and
jpeg_set_colorspace() set this TRUE if a JFIF-legal JPEG color space
(ie, YCbCr or grayscale) is selected, otherwise FALSE.

UINT8 JFIF_major_version
UINT8 JFIF_minor_version
The version number to be written into the JFIF marker.
jpeg_set_defaults() initializes the version to 1.01 (major=minor=1).
You should set it to 1.02 (major=1, minor=2) if you plan to write
any JFIF 1.02 extension markers.

UINT8 density_unit
UINT16 X_density
UINT16 Y_density
The resolution information to be written into the JFIF marker;
not used otherwise. density_unit may be 0 for unknown,
1 for dots/inch, or 2 for dots/cm. The default values are 0,1,1
indicating square pixels of unknown size.

boolean write_Adobe_marker
If TRUE, an Adobe APP14 marker is emitted. jpeg_set_defaults() and
jpeg_set_colorspace() set this TRUE if JPEG color space RGB, CMYK,
or YCCK is selected, otherwise FALSE. It is generally a bad idea
to set both write_JFIF_header and write_Adobe_marker. In fact,
you probably shouldn't change the default settings at all --- the
default behavior ensures that the JPEG file's color space can be
recognized by the decoder.

JQUANT_TBL * quant_tbl_ptrs[NUM_QUANT_TBLS]
Pointers to coefficient quantization tables, one per table slot,
or NULL if no table is defined for a slot. Usually these should
be set via one of the above helper routines; jpeg_add_quant_table()
is general enough to define any quantization table. The other
routines will set up table slot 0 for luminance quality and table
slot 1 for chrominance.

int q_scale_factor[NUM_QUANT_TBLS]
Linear quantization scaling factors (percentage, initialized 100)
for use with jpeg_default_qtables().
See rdswitch.c and cjpeg.c for an example of usage.
Note that the q_scale_factor[] fields are the "linear" scales, so you have to convert from user-defined ratings via jpeg_quality_scaling(). Here is an example code which corresponds to cjpeg -quality 90,70:

```c
jpeg_set_defaults(cinfo);

/* Set luminance quality 90. */
cinfo->q_scale_factor[0] = jpeg_quality_scaling(90);
/* Set chrominance quality 70. */
cinfo->q_scale_factor[1] = jpeg_quality_scaling(70);

jpeg_default_qtables(cinfo, force_baseline);
```

CAUTION: You must also set 1x1 subsampling for efficient separate color quality selection, since the default value used by library is 2x2:

```c
cinfo->comp_info[0].v_samp_factor = 1;
cinfo->comp_info[0].h_samp_factor = 1;
```

```c
JHUFF_TBL * dc_huff_tbl_ptrs[NUM_HUFF_TBLS];
JHUFF_TBL * ac_huff_tbl_ptrs[NUM_HUFF_TBLS];
```

Pointers to Huffman coding tables, one per table slot, or NULL if no table is defined for a slot. Slots 0 and 1 are filled with the JPEG sample tables by jpeg_set_defaults(). If you need to allocate more table structures, jpeg_alloc_huff_table() may be used.

Note that optimal Huffman tables can be computed for an image by setting optimize_coding, as discussed above; there's seldom any need to mess with providing your own Huffman tables.

The actual dimensions of the JPEG image that will be written to the file are given by the following fields. These are computed from the input image dimensions and the compression parameters by jpeg_start_compress(). You can also call jpeg_calc_jpeg_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size.

```c
JDIMENSION jpeg_width // Actual dimensions of output image.
JDIMENSION jpeg_height
```

Per-component parameters are stored in the struct cinfo.comp_info[i] for component number i. Note that components here refer to components of the JPEG color space, *not* the source image color space. A suitably large comp_info[] array is allocated by jpeg_set_defaults(); if you choose not to use that routine, it's up to you to allocate the array.
int component_id
The one-byte identifier code to be recorded in the JPEG file for
this component. For the standard color spaces, we recommend you
leave the default values alone.

int h_samp_factor
int v_samp_factor
Horizontal and vertical sampling factors for the component; must
be 1..4 according to the JPEG standard. Note that larger sampling
factors indicate a higher-resolution component; many people find
this behavior quite unintuitive. The default values are 2,2 for
luminance components and 1,1 for chrominance components, except
for grayscale where 1,1 is used.

int quant_tbl_no
Quantization table number for component. The default value is
0 for luminance components and 1 for chrominance components.

int dc_tbl_no
int ac_tbl_no
DC and AC entropy coding table numbers. The default values are
0 for luminance components and 1 for chrominance components.

int component_index
Must equal the component’s index in comp_info[]. (Beginning in
release v6, the compressor library will fill this in automatically;
you don’t have to.)

Decompression parameter selection
----------------------------------
Decompression parameter selection is somewhat simpler than compression
parameter selection, since all of the JPEG internal parameters are
recorded in the source file and need not be supplied by the application.
(Unless you are working with abbreviated files, in which case see
"Abbreviated datastreams", below.) Decompression parameters control
the postprocessing done on the image to deliver it in a format suitable
for the application’s use. Many of the parameters control speed/quality
tradeoffs, in which faster decompression may be obtained at the price of
a poorer-quality image. The defaults select the highest quality (slowest)
processing.

The following fields in the JPEG object are set by jpeg_read_header() and
may be useful to the application in choosing decompression parameters:

JDIMENSION image_width
Width and height of image
JDIMENSION image_height
int num_components

J_COLOR_SPACE jpeg_color_space

boolean saw_JFIF_marker

UINT8 JFIF_major_version

UINT8 JFIF_minor_version

UINT8 JFIF_density_unit

UINT8 JFIF_X_density

UINT8 JFIF_Y_density

boolean saw_Adobe_marker

UINT8 Adobe_transform

The JPEG color space, unfortunately, is something of a guess since the JPEG standard proper does not provide a way to record it. In practice most files adhere to the JFIF or Adobe conventions, and the decoder will recognize these correctly. See "Special color spaces", below, for more info.

The decompression parameters that determine the basic properties of the returned image are:

J_COLOR_SPACE out_color_space

Output color space. jpeg_read_header() sets an appropriate default based on jpeg_color_space; typically it will be RGB or grayscale. The application can change this field to request output in a different colorspace. For example, set it to JCS_GRAYSCALE to get grayscale output from a color file. (This is useful for previewing: grayscale output is faster than full color since the color components need not be processed.) Note that not all possible color space transforms are currently implemented; you may need to extend jdcolor.c if you want an unusual conversion.

unsigned int scale_num, scale_denom

Scale the image by the fraction scale_num/scale_denom. Currently, the supported scaling ratios are M/N with all M from 1 to 16, where N is the source DCT size, which is 8 for baseline JPEG. (The library design allows for arbitrary scaling ratios but this is not likely to be implemented any time soon.) The values are initialized by jpeg_read_header() with the source DCT size. For baseline JPEG this is 8/8. If you change only the scale_num value while leaving the other unchanged, then this specifies the DCT scaled size to be applied on the given input. For baseline JPEG this is equivalent to M/8 scaling, since the source DCT size for baseline JPEG is 8. Smaller scaling ratios permit significantly faster decoding since fewer pixels need be processed and a simpler IDCT method can be used.

boolean quantize_colors

If set TRUE, colormapped output will be delivered. Default is FALSE, meaning that full-color output will be delivered.
The next three parameters are relevant only if quantize_colors is TRUE.

int desired_number_of_colors
Maximum number of colors to use in generating a library-supplied color map (the actual number of colors is returned in a different field). Default 256. Ignored when the application supplies its own color map.

boolean two_pass_quantize
If TRUE, an extra pass over the image is made to select a custom color map for the image. This usually looks a lot better than the one-size-fits-all colormap that is used otherwise. Default is TRUE. Ignored when the application supplies its own color map.

J_DITHER_MODE dither_mode
Selects color dithering method. Supported values are:
JDITHER_NONE no dithering: fast, very low quality
JDITHER_ORDERED ordered dither: moderate speed and quality
JDITHER_FS Floyd-Steinberg dither: slow, high quality
Default is JDITHER_FS. (At present, ordered dither is implemented only in the single-pass, standard-colormap case. If you ask for ordered dither when two_pass_quantize is TRUE or when you supply an external color map, you'll get F-S dithering.)

When quantize_colors is TRUE, the target color map is described by the next two fields. colormap is set to NULL by jpeg_read_header(). The application can supply a color map by setting colormap non-NULL and setting actual_number_of_colors to the map size. Otherwise, jpeg_start_decompress() selects a suitable color map and sets these two fields itself. [Implementation restriction: at present, an externally supplied colormap is only accepted for 3-component output color spaces.]

JSAMPARRAY colormap
The color map, represented as a 2-D pixel array of out_color_components rows and actual_number_of_colors columns. Ignored if not quantizing.
CAUTION: if the JPEG library creates its own colormap, the storage pointed to by this field is released by jpeg_finish_decompress(). Copy the colormap somewhere else first, if you want to save it.

int actual_number_of_colors
The number of colors in the color map.

Additional decompression parameters that the application may set include:

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are the same as described above for compression.
boolean do_fancy_upsampling
If TRUE, use direct DCT scaling with DCT size > 8 for upsampling of chroma components.
If FALSE, use only DCT size <= 8 and simple separate upsampling.
Default is TRUE.
For better image stability in multiple generation compression cycles it is preferable that this value matches the corresponding do_fancy_downsampling value in compression.

boolean do_block_smoothing
If TRUE, interblock smoothing is applied in early stages of decoding progressive JPEG files; if FALSE, not. Default is TRUE. Early progression stages look "fuzzy" with smoothing, "blocky" without. In any case, block smoothing ceases to be applied after the first few AC coefficients are known to full accuracy, so it is relevant only when using buffered-image mode for progressive images.

boolean enable_1pass_quant
boolean enable_external_quant
boolean enable_2pass_quant
These are significant only in buffered-image mode, which is described in its own section below.

The output image dimensions are given by the following fields. These are computed from the source image dimensions and the decompression parameters by jpeg_start_decompress(). You can also call jpeg_calc_output_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size. It's also important if you are using the JPEG library's memory manager to allocate output buffer space, because you are supposed to request such buffers *before* jpeg_start_decompress().

JDIMENSION output_width
Actual dimensions of output image.
JDIMENSION output_height
int out_color_components
Number of color components in out_color_space.
int output_components
Number of color components returned.
int rec_outbuf_height
Recommended height of scanline buffer.

When quantizing colors, output_components is 1, indicating a single color map index per pixel. Otherwise it equals out_color_components. The output arrays are required to be output_width * output_components JSAMPLEs wide.

rec_outbuf_height is the recommended minimum height (in scanlines) of the buffer passed to jpeg_read_scanlines(). If the buffer is smaller, the library will still work, but time will be wasted due to unnecessary data copying. In high-quality modes, rec_outbuf_height is always 1, but some faster, lower-quality modes set it to larger values (typically 2 to 4).
If you are going to ask for a high-speed processing mode, you may as well go to the trouble of honoring rec_outbuf_height so as to avoid data copying. (An output buffer larger than rec_outbuf_height lines is OK, but won't provide any material speed improvement over that height.)

Special color spaces
---------------------

The JPEG standard itself is "color blind" and doesn't specify any particular color space. It is customary to convert color data to a luminance/chrominance color space before compressing, since this permits greater compression. The existing JPEG file interchange format standards specify YCbCr or GRAYSCALE data (JFIF version 1), GRAYSCALE, RGB, YCbCr, CMYK, or YCCK (Adobe), or BG_RGB or BG_YCC (big gamut color spaces, JFIF version 2). For special applications such as multispectral images, other color spaces can be used, but it must be understood that such files will be unportable.

The JPEG library can handle the most common colorspace conversions (namely RGB <= YCbCr and CMYK <= YCCK). It can also deal with data of an unknown color space, passing it through without conversion. If you deal extensively with an unusual color space, you can easily extend the library to understand additional color spaces and perform appropriate conversions.

For compression, the source data's color space is specified by field in_color_space. This is transformed to the JPEG file's color space given by jpeg_color_space. jpeg_set_defaults() chooses a reasonable JPEG color space depending on in_color_space, but you can override this by calling jpeg_set_colorspace(). Of course you must select a supported transformation. jccolor.c currently supports the following transformations:

- RGB => YCbCr
- RGB => GRAYSCALE
- RGB => BG_YCC
- YCbCr => GRAYSCALE
- YCbCr => BG_YCC
- CMYK => YCCK

plus the null transforms: GRAYSCALE => GRAYSCALE, RGB => RGB, BG_RGB => BG_RGB, YCbCr => YCbCr, BG_YCC => BG_YCC, CMYK => CMYK, YCCK => YCCK, and UNKNOWN => UNKNOWN.

The file interchange format standards (JFIF and Adobe) specify APPn markers that indicate the color space of the JPEG file. It is important to ensure that these are written correctly, or omitted if the JPEG file's color space is not one of the ones supported by the interchange standards. jpeg_set_colorspace() will set the compression parameters to include or omit the APPn markers properly, so long as it is told the truth about the JPEG color space. For example, if you are writing some random 3-component color space without conversion, don't try to fake out the library by setting
in_color_space and jpeg_color_space to JCS_YCbCr; use JCS_UNKNOWN. You may want to write an APPn marker of your own devising to identify the colorspace --- see "Special markers", below.

When told that the color space is UNKNOWN, the library will default to using luminance-quality compression parameters for all color components. You may well want to change these parameters. See the source code for jpeg_set Colorspace(), in jcparam.c, for details.

For decompression, the JPEG file's color space is given in jpeg_color_space, and this is transformed to the output color space out_color_space. jpeg_read_header's setting of jpeg_color_space can be relied on if the file conforms to JFIF or Adobe conventions, but otherwise it is no better than a guess. If you know the JPEG file's color space for certain, you can override jpeg_read_header's guess by setting jpeg_color_space. jpeg_read_header also selects a default output color space based on (its guess of) jpeg_color_space; set out_color_space to override this. Again, you must select a supported transformation. jdcolor.c currently supports

YCbCr => RGB
YCbCr => GRAYSCALE
BG_YCC => RGB
BG_YCC => GRAYSCALE
RGB => GRAYSCALE
GRAYSCALE => RGB
YCC => CMYK

as well as the null transforms. (Since GRAYSCALE=>RGB is provided, an application can force grayscale JPEGs to look like color JPEGs if it only wants to handle one case.)

The two-pass color quantizer, jquant2.c, is specialized to handle RGB data (it weights distances appropriately for RGB colors). You'll need to modify the code if you want to use it for non-RGB output color spaces. Note that jquant2.c is used to map to an application-supplied colormap as well as for the normal two-pass colormap selection process.

CAUTION: it appears that Adobe Photoshop writes inverted data in CMYK JPEG files: 0 represents 100% ink coverage, rather than 0% ink as you'd expect. This is arguably a bug in Photoshop, but if you need to work with Photoshop CMYK files, you will have to deal with it in your application. We cannot "fix" this in the library by inverting the data during the CMYK<=>YCCK transform, because that would break other applications, notably Ghostscript. Photoshop versions prior to 3.0 write EPS files containing JPEG-encoded CMYK data in the same inverted-YCCK representation used in bare JPEG files, but the surrounding PostScript code performs an inversion using the PS image operator. I am told that Photoshop 3.0 will write uninverted YCCK in EPS/JPEG files, and will omit the PS-level inversion. (But the data polarity used in bare JPEG files will not change in 3.0.) In either case, the JPEG library must not invert the data itself, or else Ghostscript would
read these EPS files incorrectly.

Error handling
------------

When the default error handler is used, any error detected inside the JPEG routines will cause a message to be printed on stderr, followed by exit(). You can supply your own error handling routines to override this behavior and to control the treatment of nonfatal warnings and trace/debug messages. The file example.c illustrates the most common case, which is to have the application regain control after an error rather than exiting.

The JPEG library never writes any message directly; it always goes through the error handling routines. Three classes of messages are recognized:
* Fatal errors: the library cannot continue.
* Warnings: the library can continue, but the data is corrupt, and a damaged output image is likely to result.
* Trace/informational messages. These come with a trace level indicating the importance of the message; you can control the verbosity of the program by adjusting the maximum trace level that will be displayed.

You may, if you wish, simply replace the entire JPEG error handling module (jerror.c) with your own code. However, you can avoid code duplication by only replacing some of the routines depending on the behavior you need. This is accomplished by calling jpeg_std_error() as usual, but then overriding some of the method pointers in the jpeg_error_mgr struct, as illustrated by example.c.

All of the error handling routines will receive a pointer to the JPEG object (a j_common_ptr which points to either a jpeg_compress_struct or a jpeg_decompress_struct; if you need to tell which, test the is_decompressor field). This struct includes a pointer to the error manager struct in its "err" field. Frequently, custom error handler routines will need to access additional data which is not known to the JPEG library or the standard error handler. The most convenient way to do this is to embed either the JPEG object or the jpeg_error_mgr struct in a larger structure that contains additional fields; then casting the passed pointer provides access to the additional fields. Again, see example.c for one way to do it. (Beginning with IJG version 6b, there is also a void pointer "client_data" in each JPEG object, which the application can also use to find related data. The library does not touch client_data at all.)

The individual methods that you might wish to override are:

error_exit (j_common_ptr cinfo)
Receives control for a fatal error. Information sufficient to generate the error message has been stored in cinfo->err; call
output_message to display it. Control must NOT return to the caller; generally this routine will exit() or longjmp() somewhere. Typically you would override this routine to get rid of the exit() default behavior. Note that if you continue processing, you should clean up the JPEG object with jpeg_abort() or jpeg_destroy().

output_message (j_common_ptr cinfo)
Actual output of any JPEG message. Override this to send messages somewhere other than stderr. Note that this method does not know how to generate a message, only where to send it.

format_message (j_common_ptr cinfo, char * buffer)
Constructs a readable error message string based on the error info stored in cinfo->err. This method is called by output_message. Few applications should need to override this method. One possible reason for doing so is to implement dynamic switching of error message language.

emit_message (j_common_ptr cinfo, int msg_level)
Decide whether or not to emit a warning or trace message; if so, calls output_message. The main reason for overriding this method would be to abort on warnings. msg_level is -1 for warnings, 0 and up for trace messages.

Only error_exit() and emit_message() are called from the rest of the JPEG library; the other two are internal to the error handler.

The actual message texts are stored in an array of strings which is pointed to by the field err->jpeg_message_table. The messages are numbered from 0 to err->last_jpeg_message, and it is these code numbers that are used in the JPEG library code. You could replace the message texts (for instance, with messages in French or German) by changing the message table pointer. See jerror.h for the default texts. CAUTION: this table will almost certainly change or grow from one library version to the next.

It may be useful for an application to add its own message texts that are handled by the same mechanism. The error handler supports a second "add-on" message table for this purpose. To define an addon table, set the pointer err->addon_message_table and the message numbers err->first_addon_message and err->last_addon_message. If you number the addon messages beginning at 1000 or so, you won't have to worry about conflicts with the library's built-in messages. See the sample applications cjpeg/djpeg for an example of using addon messages (the addon messages are defined in cderror.h).

Actual invocation of the error handler is done via macros defined in jerror.h: ERREXITn(...)for fatal errors WARNMSn(...)for corrupt-data warnings TRACEMSn(...)for trace and informational messages.
These macros store the message code and any additional parameters into the error handler struct, then invoke the error_exit() or emit_message() method. The variants of each macro are for varying numbers of additional parameters. The additional parameters are inserted into the generated message using standard printf() format codes.

See jerror.h and jerror.c for further details.

Compressed data handling (source and destination managers)
-------------------------------------------------------------

The JPEG compression library sends its compressed data to a "destination manager" module. The default destination manager just writes the data to a memory buffer or to a stdio stream, but you can provide your own manager to do something else. Similarly, the decompression library calls a "source manager" to obtain the compressed data; you can provide your own source manager if you want the data to come from somewhere other than a memory buffer or a stdio stream.

In both cases, compressed data is processed a bufferload at a time: the destination or source manager provides a work buffer, and the library invokes the manager only when the buffer is filled or emptied. (You could define a one-character buffer to force the manager to be invoked for each byte, but that would be rather inefficient.) The buffer's size and location are controlled by the manager, not by the library. For example, the memory source manager just makes the buffer pointer and length point to the original data in memory. In this case the buffer-reload procedure will be invoked only if the decompressor ran off the end of the datastream, which would indicate an erroneous datastream.

The work buffer is defined as an array of datatype JOCTET, which is generally "char" or "unsigned char". On a machine where char is not exactly 8 bits wide, you must define JOCTET as a wider data type and then modify the data source and destination modules to transcribe the work arrays into 8-bit units on external storage.

A data destination manager struct contains a pointer and count defining the next byte to write in the work buffer and the remaining free space:

```c
  JOCTET * next_output_byte; /* => next byte to write in buffer */
  size_t free_in_buffer;     /* # of byte spaces remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is filled. The manager's empty_output_buffer method must reset the pointer and count. The manager is expected to remember the buffer's starting address and total size in private fields not visible to the library.
A data destination manager provides three methods:

```
init_destination (j_compress_ptr cinfo)
Initialize destination. This is called by jpeg_start_compress() before any data is actually written. It must initialize next_output_byte and free_in_buffer. free_in_buffer must be initialized to a positive value.
```

```
empty_output_buffer (j_compress_ptr cinfo)
This is called whenever the buffer has filled (free_in_buffer reaches zero). In typical applications, it should write out the *entire* buffer (use the saved start address and buffer length; ignore the current state of next_output_byte and free_in_buffer). Then reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been dumped. free_in_buffer must be set to a positive value when TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this operating mode is discussed in the next section).
```

```
term_destination (j_compress_ptr cinfo)
Terminate destination --- called by jpeg_finish_compress() after all data has been written. In most applications, this must flush any data remaining in the buffer. Use either next_output_byte or free_in_buffer to determine how much data is in the buffer.
```

```
term_destination() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the destination manager to be cleaned up during an abort, you must do it yourself.
```

You will also need code to create a jpeg_destination_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "dest" field of the JPEG compression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_dest() or jpeg_mem_dest() routines of the supplied destination managers.

Decompression source managers follow a parallel design, but with some additional frammishes. The source manager struct contains a pointer and count defining the next byte to read from the work buffer and the number of bytes remaining:

```
const JOCTET * next_input_byte; /* => next byte to read from buffer */
size_t bytes_in_buffer; /* # of bytes remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is emptied. The manager's fill_input_buffer method must reset the pointer and count. In most applications, the manager must remember the buffer's starting address and total size in private fields not visible to the library.
A data source manager provides five methods:

init_source (j_decompress_ptr cinfo)
Initialize source. This is called by jpeg_read_header() before any data is actually read. Unlike init_destination(), it may leave bytes_in_buffer set to 0 (in which case a fill_input_buffer() call will occur immediately).

fill_input_buffer (j_decompress_ptr cinfo)
This is called whenever bytes_in_buffer has reached zero and more data is wanted. In typical applications, it should read fresh data into the buffer (ignoring the current state of next_input_byte and bytes_in_buffer), reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been reloaded. It is not necessary to fill the buffer entirely, only to obtain at least one more byte. bytes_in_buffer MUST be set to a positive value if TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this mode is discussed in the next section).

skip_input_data (j_decompress_ptr cinfo, long num_bytes)
Skip num_bytes worth of data. The buffer pointer and count should be advanced over num_bytes input bytes, refilling the buffer as needed. This is used to skip over a potentially large amount of uninteresting data (such as an APPn marker). In some applications it may be possible to optimize away the reading of the skipped data, but it's not clear that being smart is worth much trouble; large skips are uncommon. bytes_in_buffer may be zero on return. A zero or negative skip count should be treated as a no-op.

resync_to_restart (j_decompress_ptr cinfo, int desired)
This routine is called only when the decompressor has failed to find a restart (RSTn) marker where one is expected. Its mission is to find a suitable point for resuming decompression. For most applications, we recommend that you just use the default resync procedure, jpeg_resync_to_restart(). However, if you are able to back up in the input data stream, or if you have a-priori knowledge about the likely location of restart markers, you may be able to do better. Read the read_restart_marker() and jpeg_resync_to_restart() routines in jdmarker.c if you think you'd like to implement your own resync procedure.

term_source (j_decompress_ptr cinfo)
Terminate source --- called by jpeg_finish_decompress() after all data has been read. Often a no-op.

For both fill_input_buffer() and skip_input_data(), there is no such thing as an EOF return. If the end of the file has been reached, the routine has
a choice of exiting via ERREXIT() or inserting fake data into the buffer. In most cases, generating a warning message and inserting a fake EOI marker is the best course of action --- this will allow the decompressor to output however much of the image is there. In pathological cases, the decompressor may swallow the EOI and again demand data ... just keep feeding it fake EOIs. jdatasrc.c illustrates the recommended error recovery behavior.

term_source() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the source manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_source_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "src" field of the JPEG decompression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_src() or jpeg_mem_src() routines of the supplied source managers.

For more information, consult the memory and stdio source and destination managers in jdatasrc.c and jdatadst.c.

I/O suspension
-------------

Some applications need to use the JPEG library as an incremental memory-to-memory filter: when the compressed data buffer is filled or emptied, they want control to return to the outer loop, rather than expecting that the buffer can be emptied or reloaded within the data source/destination manager subroutine. The library supports this need by providing an "I/O suspension" mode, which we describe in this section.

The I/O suspension mode is not a panacea: nothing is guaranteed about the maximum amount of time spent in any one call to the library, so it will not eliminate response-time problems in single-threaded applications. If you need guaranteed response time, we suggest you "bite the bullet" and implement a real multi-tasking capability.

To use I/O suspension, cooperation is needed between the calling application and the data source or destination manager; you will always need a custom source/destination manager. (Please read the previous section if you haven't already.) The basic idea is that the empty_output_buffer() or fill_input_buffer() routine is a no-op, merely returning FALSE to indicate that it has done nothing. Upon seeing this, the JPEG library suspends operation and returns to its caller. The surrounding application is responsible for emptying or refilling the work buffer before calling the JPEG library again.

Compression suspension:

---

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For compression suspension, use an empty_output_buffer() routine that returns
FALSE; typically it will not do anything else. This will cause the
compressor to return to the caller of jpeg_write_scanlines(), with the return
value indicating that not all the supplied scanlines have been accepted.
The application must make more room in the output buffer, adjust the output
buffer pointer/count appropriately, and then call jpeg_write_scanlines()
again, pointing to the first unconsumed scanline.

When forced to suspend, the compressor will backtrack to a convenient stopping
point (usually the start of the current MCU); it will regenerate some output
data when restarted. Therefore, although empty_output_buffer() is only
called when the buffer is filled, you should NOT write out the entire buffer
after a suspension. Write only the data up to the current position of
next_output_byte/free_in_buffer. The data beyond that point will be
regenerated after resumption.

Because of the backtracking behavior, a good-size output buffer is essential
for efficiency; you don't want the compressor to suspend often. (In fact, an
overly small buffer could lead to infinite looping, if a single MCU required
more data than would fit in the buffer.) We recommend a buffer of at least
several Kbytes. You may want to insert explicit code to ensure that you don't
call jpeg_write_scanlines() unless there is a reasonable amount of space in
the output buffer; in other words, flush the buffer before trying to compress
more data.

The compressor does not allow suspension while it is trying to write JPEG
markers at the beginning and end of the file. This means that:
* At the beginning of a compression operation, there must be enough free
  space in the output buffer to hold the header markers (typically 600 or
  so bytes). The recommended buffer size is bigger than this anyway, so
  this is not a problem as long as you start with an empty buffer. However,
  this restriction might catch you if you insert large special markers, such
  as a JFIF thumbnail image, without flushing the buffer afterwards.
* When you call jpeg_finish_compress(), there must be enough space in the
  output buffer to emit any buffered data and the final EOI marker. In the
  current implementation, half a dozen bytes should suffice for this, but
  for safety's sake we recommend ensuring that at least 100 bytes are free
  before calling jpeg_finish_compress().

A more significant restriction is that jpeg_finish_compress() cannot suspend.
This means you cannot use suspension with multi-pass operating modes, namely
Huffman code optimization and multiple-scan output. Those modes write the
whole file during jpeg_finish_compress(), which will certainly result in
buffer overrun. (Note that this restriction applies only to compression,
not decompression. The decompressor supports input suspension in all of its
operating modes.)

Decompression suspension:
For decompression suspension, use a fill_input_buffer() routine that simply returns FALSE (except perhaps during error recovery, as discussed below). This will cause the decompressor to return to its caller with an indication that suspension has occurred. This can happen at four places:

* jpeg_read_header(): will return JPEG_SUSPENDED.
* jpeg_start_decompress(): will return FALSE, rather than its usual TRUE.
* jpeg_read_scanlines(): will return the number of scanlines already completed (possibly 0).
* jpeg_finish_decompress(): will return FALSE, rather than its usual TRUE.

The surrounding application must recognize these cases, load more data into the input buffer, and repeat the call. In the case of jpeg_read_scanlines(), increment the passed pointers past any scanlines successfully read.

Just as with compression, the decompressor will typically backtrack to a convenient restart point before suspending. When fill_input_buffer() is called, next_input_byte/bytes_in_buffer point to the current restart point, which is where the decompressor will backtrack to if FALSE is returned. The data beyond that position must NOT be discarded if you suspend; it needs to be re-read upon resumption. In most implementations, you'll need to shift this data down to the start of your work buffer and then load more data after it. Again, this behavior means that a several-Kbyte work buffer is essential for decent performance; furthermore, you should load a reasonable amount of new data before resuming decompression. (If you loaded, say, only one new byte each time around, you could waste a LOT of cycles.)

The skip_input_data() source manager routine requires special care in a suspension scenario. This routine is NOT granted the ability to suspend the decompressor; it can decrement bytes_in_buffer to zero, but no more. If the requested skip distance exceeds the amount of data currently in the input buffer, then skip_input_data() must set bytes_in_buffer to zero and record the additional skip distance somewhere else. The decompressor will immediately call fill_input_buffer(), which should return FALSE, which will cause a suspension return. The surrounding application must then arrange to discard the recorded number of bytes before it resumes loading the input buffer. (Yes, this design is rather baroque, but it avoids complexity in the far more common case where a non-suspending source manager is used.)

If the input data has been exhausted, we recommend that you emit a warning and insert dummy EOI markers just as a non-suspending data source manager would do. This can be handled either in the surrounding application logic or within fill_input_buffer(); the latter is probably more efficient. If fill_input_buffer() knows that no more data is available, it can set the pointer/count to point to a dummy EOI marker and then return TRUE just as though it had read more data in a non-suspending situation.

The decompressor does not attempt to suspend within standard JPEG markers; instead it will backtrack to the start of the marker and reprocess the whole
marker next time. Hence the input buffer must be large enough to hold the longest standard marker in the file. Standard JPEG markers should normally not exceed a few hundred bytes each (DHT tables are typically the longest). We recommend at least a 2K buffer for performance reasons, which is much larger than any correct marker is likely to be. For robustness against damaged marker length counts, you may wish to insert a test in your application for the case that the input buffer is completely full and yet the decoder has suspended without consuming any data --- otherwise, if this situation did occur, it would lead to an endless loop. (The library can't provide this test since it has no idea whether "the buffer is full", or even whether there is a fixed-size input buffer.)

The input buffer would need to be 64K to allow for arbitrary COM or APPn markers, but these are handled specially: they are either saved into allocated memory, or skipped over by calling skip_input_data(). In the former case, suspension is handled correctly, and in the latter case, the problem of buffer overrun is placed on skip_input_data's shoulders, as explained above. Note that if you provide your own marker handling routine for large markers, you should consider how to deal with buffer overflow.

Multiple-buffer management:

In some applications it is desirable to store the compressed data in a linked list of buffer areas, so as to avoid data copying. This can be handled by having empty_output_buffer() or fill_input_buffer() set the pointer and count to reference the next available buffer; FALSE is returned only if no more buffers are available. Although seemingly straightforward, there is a pitfall in this approach: the backtrack that occurs when FALSE is returned could back up into an earlier buffer. For example, when fill_input_buffer() is called, the current pointer & count indicate the backtrack restart point. Since fill_input_buffer() will set the pointer and count to refer to a new buffer, the restart position must be saved somewhere else. Suppose a second call to fill_input_buffer() occurs in the same library call, and no additional input data is available, so fill_input_buffer must return FALSE. If the JPEG library has not moved the pointer/count forward in the current buffer, then *the correct restart point is the saved position in the prior buffer*. Prior buffers may be discarded only after the library establishes a restart point within a later buffer. Similar remarks apply for output into a chain of buffers.

The library will never attempt to backtrack over a skip_input_data() call, so any skipped data can be permanently discarded. You still have to deal with the case of skipping not-yet-received data, however.

It's much simpler to use only a single buffer; when fill_input_buffer() is called, move any unconsumed data (beyond the current pointer/count) down to the beginning of this buffer and then load new data into the remaining buffer space. This approach requires a little more data copying but is far easier
Progressive JPEG support

Progressive JPEG rearranges the stored data into a series of scans of increasing quality. In situations where a JPEG file is transmitted across a slow communications link, a decoder can generate a low-quality image very quickly from the first scan, then gradually improve the displayed quality as more scans are received. The final image after all scans are complete is identical to that of a regular (sequential) JPEG file of the same quality setting. Progressive JPEG files are often slightly smaller than equivalent sequential JPEG files, but the possibility of incremental display is the main reason for using progressive JPEG.

The IJG encoder library generates progressive JPEG files when given a suitable "scan script" defining how to divide the data into scans. Creation of progressive JPEG files is otherwise transparent to the encoder. Progressive JPEG files can also be read transparently by the decoder library. If the decoding application simply uses the library as defined above, it will receive a final decoded image without any indication that the file was progressive. Of course, this approach does not allow incremental display. To perform incremental display, an application needs to use the decoder library's "buffered-image" mode, in which it receives a decoded image multiple times.

Each displayed scan requires about as much work to decode as a full JPEG image of the same size, so the decoder must be fairly fast in relation to the data transmission rate in order to make incremental display useful. However, it is possible to skip displaying the image and simply add the incoming bits to the decoder's coefficient buffer. This is fast because only Huffman decoding need be done, not IDCT, upsampling, colorspace conversion, etc. The IJG decoder library allows the application to switch dynamically between displaying the image and simply absorbing the incoming bits. A properly coded application can automatically adapt the number of display passes to suit the time available as the image is received. Also, a final higher-quality display cycle can be performed from the buffered data after the end of the file is reached.

Progressive compression:

To create a progressive JPEG file (or a multiple-scan sequential JPEG file), set the scan_info cinfo field to point to an array of scan descriptors, and perform compression as usual. Instead of constructing your own scan list, you can call the jpeg_simple_progression() helper routine to create a recommended progression sequence; this method should be used by all applications that don't want to get involved in the nitty-gritty of

to get right.
progressive scan sequence design. (If you want to provide user control of scan sequences, you may wish to borrow the scan script reading code found in rdswitch.c, so that you can read scan script files just like cjpeg's.) When scan_info is not NULL, the compression library will store DCT'd data into a buffer array as jpeg_write_scanlines() is called, and will emit all the requested scans during jpeg_finish_compress(). This implies that multiple-scan output cannot be created with a suspending data destination manager, since jpeg_finish_compress() does not support suspension. We should also note that the compressor currently forces Huffman optimization mode when creating a progressive JPEG file, because the default Huffman tables are unsuitable for progressive files.

Progressive decompression:

When buffered-image mode is not used, the decoder library will read all of a multi-scan file during jpeg_start_decompress(), so that it can provide a final decoded image. (Here “multi-scan” means either progressive or multi-scan sequential.) This makes multi-scan files transparent to the decoding application. However, existing applications that used suspending input with version 5 of the IJG library will need to be modified to check for a suspension return from jpeg_start_decompress().

To perform incremental display, an application must use the library's buffered-image mode. This is described in the next section.

Buffered-image mode

In buffered-image mode, the library stores the partially decoded image in a coefficient buffer, from which it can be read out as many times as desired. This mode is typically used for incremental display of progressive JPEG files, but it can be used with any JPEG file. Each scan of a progressive JPEG file adds more data (more detail) to the buffered image. The application can display in lockstep with the source file (one display pass per input scan), or it can allow input processing to outrun display processing. By making input and display processing run independently, it is possible for the application to adapt progressive display to a wide range of data transmission rates.

The basic control flow for buffered-image decoding is

jpeg_create_decompress()
set data source
jpeg_read_header()
set overall decompression parameters
cinfo.buffered_image = TRUE;/* select buffered-image mode */
jpeg_start_decompress()
for (each output pass) {
    adjust output decompression parameters if required
    jpeg_start_output(); /* start a new output pass */
    for (all scanlines in image) {
        jpeg_read_scanlines()
        display scanlines
    }
    jpeg_finish_output(); /* terminate output pass */
}
jpeg_finish_decompress()
jpeg_destroy_decompress()

This differs from ordinary unbuffered decoding in that there is an additional level of looping. The application can choose how many output passes to make and how to display each pass.

The simplest approach to displaying progressive images is to do one display pass for each scan appearing in the input file. In this case the outer loop condition is typically
while (! jpeg_input_complete(&cinfo))
and the start-output call should read
jpeg_start_output(&cinfo, cinfo.input_scan_number);
The second parameter to jpeg_start_output() indicates which scan of the input file is to be displayed; the scans are numbered starting at 1 for this purpose. (You can use a loop counter starting at 1 if you like, but using the library's input scan counter is easier.) The library automatically reads data as necessary to complete each requested scan, and jpeg_finish_output() advances to the next scan or end-of-image marker (hence input_scan_number will be incremented by the time control arrives back at jpeg_start_output()). With this technique, data is read from the input file only as needed, and input and output processing run in lockstep.

After reading the final scan and reaching the end of the input file, the buffered image remains available; it can be read additional times by repeating the jpeg_start_output()/jpeg_read_scanlines()/jpeg_finish_output() sequence. For example, a useful technique is to use fast one-pass color quantization for display passes made while the image is arriving, followed by a final display pass using two-pass quantization for highest quality. This is done by changing the library parameters before the final output pass. Changing parameters between passes is discussed in detail below.

In general the last scan of a progressive file cannot be recognized as such until after it is read, so a post-input display pass is the best approach if you want special processing in the final pass.

When done with the image, be sure to call jpeg_finish_decompress() to release the buffered image (or just use jpeg_destroy_decompress()).
If input data arrives faster than it can be displayed, the application can cause the library to decode input data in advance of what's needed to produce output. This is done by calling the routine jpeg_consume_input().

The return value is one of the following:

- JPEG_REACHED_SOS: reached an SOS marker (the start of a new scan)
- JPEG_REACHED_EOI: reached the EOI marker (end of image)
- JPEG_ROW_COMPLETED: completed reading one MCU row of compressed data
- JPEG_SCAN_COMPLETED: completed reading last MCU row of current scan
- JPEG_SUSPENDED: suspended before completing any of the above

(JPEG_SUSPENDED can occur only if a suspending data source is used.) This routine can be called at any time after initializing the JPEG object. It reads some additional data and returns when one of the indicated significant events occurs. (If called after the EOI marker is reached, it will immediately return JPEG_REACHED_EOI without attempting to read more data.)

The library's output processing will automatically call jpeg_consume_input() whenever the output processing overtakes the input; thus, simple lockstep display requires no direct calls to jpeg_consume_input(). But by adding calls to jpeg_consume_input(), you can absorb data in advance of what is being displayed. This has two benefits:

* You can limit buildup of unprocessed data in your input buffer.
* You can eliminate extra display passes by paying attention to the state of the library's input processing.

The first of these benefits only requires interspersing calls to jpeg_consume_input() with your display operations and any other processing you may be doing. To avoid wasting cycles due to backtracking, it's best to call jpeg_consume_input() only after a hundred or so new bytes have arrived. This is discussed further under "I/O suspension", above. (Note: the JPEG library currently is not thread-safe. You must not call jpeg_consume_input() from one thread of control if a different library routine is working on the same JPEG object in another thread.)

When input arrives fast enough that more than one new scan is available before you start a new output pass, you may as well skip the output pass corresponding to the completed scan. This occurs for free if you pass cinfo.input_scan_number as the target scan number to jpeg_start_output(). The input_scan_number field is simply the index of the scan currently being consumed by the input processor. You can ensure that this is up-to-date by emptying the input buffer just before calling jpeg_start_output(): call jpeg_consume_input() repeatedly until it returns JPEG_SUSPENDED or JPEG_REACHED_EOI.

The target scan number passed to jpeg_start_output() is saved in the cinfo.output_scan_number field. The library's output processing calls jpeg_consume_input() whenever the current input scan number and row within that scan is less than or equal to the current output scan number and row. Thus, input processing can "get ahead" of the output processing but is not
allowed to "fall behind". You can achieve several different effects by manipulating this interlock rule. For example, if you pass a target scan number greater than the current input scan number, the output processor will wait until that scan starts to arrive before producing any output. (To avoid an infinite loop, the target scan number is automatically reset to the last scan number when the end of image is reached. Thus, if you specify a large target scan number, the library will just absorb the entire input file and then perform an output pass. This is effectively the same as what jpeg_start_decompress() does when you don't select buffered-image mode.)

When you pass a target scan number equal to the current input scan number, the image is displayed no faster than the current input scan arrives. The final possibility is to pass a target scan number less than the current input scan number; this disables the input/output interlock and causes the output processor to simply display whatever it finds in the image buffer, without waiting for input. (However, the library will not accept a target scan number less than one, so you can't avoid waiting for the first scan.)

When data is arriving faster than the output display processing can advance through the image, jpeg_consume_input() will store data into the buffered image beyond the point at which the output processing is reading data out again. If the input arrives fast enough, it may "wrap around" the buffer to the point where the input is more than one whole scan ahead of the output. If the output processing simply proceeds through its display pass without paying attention to the input, the effect seen on-screen is that the lower part of the image is one or more scans better in quality than the upper part. Then, when the next output scan is started, you have a choice of what target scan number to use. The recommended choice is to use the current input scan number at that time, which implies that you've skipped the output scans corresponding to the input scans that were completed while you processed the previous output scan. In this way, the decoder automatically adapts its speed to the arriving data, by skipping output scans as necessary to keep up with the arriving data.

When using this strategy, you'll want to be sure that you perform a final output pass after receiving all the data; otherwise your last display may not be full quality across the whole screen. So the right outer loop logic is something like this:

```
do {
    absorb any waiting input by calling jpeg_consume_input()
    final_pass = jpeg_input_complete(&cinfo);
    adjust output decompression parameters if required
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
    jpeg_finish_output()
} while (! final_pass);
```

rather than quitting as soon as jpeg_input_complete() returns TRUE. This arrangement makes it simple to use higher-quality decoding parameters for the final pass. But if you don't want to use special parameters for
the final pass, the right loop logic is like this:
for (;;) {
    absorb any waiting input by calling jpeg_consume_input()
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
    jpeg_finish_output()
    if (jpeg_input_complete(&cinfo) &&
        cinfo.input_scan_number == cinfo.output_scan_number)
        break;
}
In this case you don't need to know in advance whether an output pass is to
be the last one, so it's not necessary to have reached EOF before starting
the final output pass; rather, what you want to test is whether the output
pass was performed in sync with the final input scan. This form of the loop
will avoid an extra output pass whenever the decoder is able (or nearly able)
to keep up with the incoming data.

When the data transmission speed is high, you might begin a display pass,
then find that much or all of the file has arrived before you can complete
the pass. (You can detect this by noting the JPEG_REACHED_EOI return code
from jpeg_consume_input(), or equivalently by testing jpeg_input_complete().)
In this situation you may wish to abort the current display pass and start a
new one using the newly arrived information. To do so, just call
jpeg_finish_output() and then start a new pass with jpeg_start_output().

A variant strategy is to abort and restart display if more than one complete
scan arrives during an output pass; this can be detected by noting
JPEG_REACHED_SOS returns and/or examining cinfo.input_scan_number. This
idea should be employed with caution, however, since the display process
might never get to the bottom of the image before being aborted, resulting
in the lower part of the screen being several passes worse than the upper.
In most cases it's probably best to abort an output pass only if the whole
file has arrived and you want to begin the final output pass immediately.

When receiving data across a communication link, we recommend always using
the current input scan number for the output target scan number; if a
higher-quality final pass is to be done, it should be started (aborting any
incomplete output pass) as soon as the end of file is received. However,
many other strategies are possible. For example, the application can examine
the parameters of the current input scan and decide whether to display it or
not. If the scan contains only chroma data, one might choose not to use it
as the target scan, expecting that the scan will be small and will arrive
quickly. To skip to the next scan, call jpeg_consume_input() until it
returns JPEG_REACHED_SOS or JPEG_REACHED_EOI. Or just use the next higher
number as the target scan for jpeg_start_output(); but that method doesn't
let you inspect the next scan's parameters before deciding to display it.
In buffered-image mode, jpeg_start_decompress() never performs input and thus never suspends. An application that uses input suspension with buffered-image mode must be prepared for suspension returns from these routines:
* jpeg_start_output() performs input only if you request 2-pass quantization and the target scan isn't fully read yet. (This is discussed below.)
* jpeg_read_scanlines(), as always, returns the number of scanlines that it was able to produce before suspending.
* jpeg_finish_output() will read any markers following the target scan, up to the end of the file or the SOS marker that begins another scan. (But it reads no input if jpeg_consume_input() has already reached the end of the file or a SOS marker beyond the target output scan.)
* jpeg_finish_decompress() will read until the end of file, and thus can suspend if the end hasn't already been reached (as can be tested by calling jpeg_input_complete()).
jpeg_start_output(), jpeg_finish_output(), and jpeg_finish_decompress() all return TRUE if they completed their tasks, FALSE if they had to suspend.
In the event of a FALSE return, the application must load more input data and repeat the call. Applications that use non-suspending data sources need not check the return values of these three routines.

It is possible to change decoding parameters between output passes in the buffered-image mode. The decoder library currently supports only very limited changes of parameters. ONLY THE FOLLOWING parameter changes are allowed after jpeg_start_decompress() is called:
* dct_method can be changed before each call to jpeg_start_output().
  For example, one could use a fast DCT method for early scans, changing to a higher quality method for the final scan.
* dither_mode can be changed before each call to jpeg_start_output(); of course this has no impact if not using color quantization. Typically one would use ordered dither for initial passes, then switch to Floyd-Steinberg dither for the final pass. Caution: changing dither mode can cause more memory to be allocated by the library. Although the amount of memory involved is not large (a scanline or so), it may cause the initial max_memory_to_use specification to be exceeded, which in the worst case would result in an out-of-memory failure.
* do_block_smoothing can be changed before each call to jpeg_start_output().
  This setting is relevant only when decoding a progressive JPEG image. During the first DC-only scan, block smoothing provides a very "fuzzy" look instead of the very "blocky" look seen without it; which is better seems a matter of personal taste. But block smoothing is nearly always a win during later stages, especially when decoding a successive-approximation image: smoothing helps to hide the slight blockiness that otherwise shows up on smooth gradients until the lowest coefficient bits are sent.
* Color quantization mode can be changed under the rules described below. You *cannot* change between full-color and quantized output (because that would alter the required I/O buffer sizes), but you can change which...
When generating color-quantized output, changing quantization method is a very useful way of switching between high-speed and high-quality display. The library allows you to change among its three quantization methods:

1. Single-pass quantization to a fixed color cube.
   Selected by cinfo.two_pass_quantize = FALSE and cinfo.colormap = NULL.
2. Single-pass quantization to an application-supplied colormap.
   Selected by setting cinfo.colormap to point to the colormap (the value of two_pass_quantize is ignored); also set cinfo.actual_number_of_colors.
3. Two-pass quantization to a colormap chosen specifically for the image.
   Selected by cinfo.two_pass_quantize = TRUE and cinfo.colormap = NULL.
   (This is the default setting selected by jpeg_read_header, but it is probably NOT what you want for the first pass of progressive display!)

These methods offer successively better quality and lesser speed. However, only the first method is available for quantizing in non-RGB color spaces.

IMPORTANT: because the different quantizer methods have very different working-storage requirements, the library requires you to indicate which one(s) you intend to use before you call jpeg_start_decompress(). (If we did not require this, the max_memory_to_use setting would be a complete fiction.)

You do this by setting one or more of these three cinfo fields to TRUE:

enable_1pass_quant Fixed color cube colormap
enable_external_quant Externally-supplied colormap
enable_2pass_quant Two-pass custom colormap

All three are initialized FALSE by jpeg_read_header(). But jpeg_start_decompress() automatically sets TRUE the one selected by the current two_pass_quantize and colormap settings, so you only need to set the enable flags for any other quantization methods you plan to change to later.

After setting the enable flags correctly at jpeg_start_decompress() time, you can change to any enabled quantization method by setting two_pass_quantize and colormap properly just before calling jpeg_start_output(). The following special rules apply:

1. You must explicitly set cinfo.colormap to NULL when switching to 1-pass or 2-pass mode from a different mode, or when you want the 2-pass quantizer to be re-run to generate a new colormap.
2. To switch to an external colormap, or to change to a different external colormap than was used on the prior pass, you must call jpeg_new_colormap() after setting cinfo.colormap.

NOTE: if you want to use the same colormap as was used in the prior pass, you should not do either of these things. This will save some nontrivial switchover costs.

(These requirements exist because cinfo.colormap will always be non-NULL after completing a prior output pass, since both the 1-pass and 2-pass quantizers set it to point to their output colormaps. Thus you have to do one of these two things to notify the library that something has changed.

Yup, it's a bit klugy, but it's necessary to do it this way for backwards
compatibility.)

Note that in buffered-image mode, the library generates any requested colormap during jpeg_start_output(), not during jpeg_start_decompress().

When using two-pass quantization, jpeg_start_output() makes a pass over the buffered image to determine the optimum color map; it therefore may take a significant amount of time, whereas ordinarily it does little work. The progress monitor hook is called during this pass, if defined. It is also important to realize that if the specified target scan number is greater than or equal to the current input scan number, jpeg_start_output() will attempt to consume input as it makes this pass. If you use a suspending data source, you need to check for a FALSE return from jpeg_start_output() under these conditions. The combination of 2-pass quantization and a not-yet-fully-read target scan is the only case in which jpeg_start_output() will consume input.

Application authors who support buffered-image mode may be tempted to use it for all JPEG images, even single-scan ones. This will work, but it is inefficient: there is no need to create an image-sized coefficient buffer for single-scan images. Requesting buffered-image mode for such an image wastes memory. Worse, it can cost time on large images, since the buffered data has to be swapped out or written to a temporary file. If you are concerned about maximum performance on baseline JPEG files, you should use buffered-image mode only when the incoming file actually has multiple scans. This can be tested by calling jpeg_has_multiple_scans(), which will return a correct result at any time after jpeg_read_header() completes.

It is also worth noting that when you use jpeg_consume_input() to let input processing get ahead of output processing, the resulting pattern of access to the coefficient buffer is quite nonsequential. It's best to use the memory manager jmemnobs.c if you can (i.e., if you have enough real or virtual main memory). If not, at least make sure that max_memory_to_use is set as high as possible. If the JPEG memory manager has to use a temporary file, you will probably see a lot of disk traffic and poor performance. (This could be improved with additional work on the memory manager, but we haven't gotten around to it yet.)

In some applications it may be convenient to use jpeg_consume_input() for all input processing, including reading the initial markers; that is, you may wish to call jpeg_consume_input() instead of jpeg_read_header() during startup. This works, but note that you must check for JPEG_REACHED_SOS and JPEG_REACHED_EOI return codes as the equivalent of jpeg_read_header's codes. Once the first SOS marker has been reached, you must call jpeg_start_decompress() before jpeg_consume_input() will consume more input; it'll just keep returning JPEG_REACHED_SOS until you do. If you read a tables-only file this way, jpeg_consume_input() will return JPEG_REACHED_EOI without ever returning JPEG_REACHED_SOS; be sure to check for this case.
If this happens, the decompressor will not read any more input until you call jpeg_abort() to reset it. It is OK to call jpeg_consume_input() even when not using buffered-image mode, but in that case it's basically a no-op after the initial markers have been read: it will just return JPEG_SUSPENDED.

Abbreviated datastreams and multiple images
---------------------------------------------

A JPEG compression or decompression object can be reused to process multiple images. This saves a small amount of time per image by eliminating the "create" and "destroy" operations, but that isn't the real purpose of the feature. Rather, reuse of an object provides support for abbreviated JPEG datastreams. Object reuse can also simplify processing a series of images in a single input or output file. This section explains these features.

A JPEG file normally contains several hundred bytes worth of quantization and Huffman tables. In a situation where many images will be stored or transmitted with identical tables, this may represent an annoying overhead. The JPEG standard therefore permits tables to be omitted. The standard defines three classes of JPEG datastreams:

* "Interchange" datastreams contain an image and all tables needed to decode the image. These are the usual kind of JPEG file.
* "Abbreviated image" datastreams contain an image, but are missing some or all of the tables needed to decode that image.
* "Abbreviated table specification" (henceforth "tables-only") datastreams contain only table specifications.

To decode an abbreviated image, it is necessary to load the missing table(s) into the decoder beforehand. This can be accomplished by reading a separate tables-only file. A variant scheme uses a series of images in which the first image is an interchange (complete) datastream, while subsequent ones are abbreviated and rely on the tables loaded by the first image. It is assumed that once the decoder has read a table, it will remember that table until a new definition for the same table number is encountered.

It is the application designer's responsibility to figure out how to associate the correct tables with an abbreviated image. While abbreviated datastreams can be useful in a closed environment, their use is strongly discouraged in any situation where data exchange with other applications might be needed. Caveat designer.

The JPEG library provides support for reading and writing any combination of tables-only datastreams and abbreviated images. In both compression and decompression objects, a quantization or Huffman table will be retained for the lifetime of the object, unless it is overwritten by a new table definition.

To create abbreviated image datastreams, it is only necessary to tell the
compressor not to emit some or all of the tables it is using. Each quantization and Huffman table struct contains a boolean field "sent_table", which normally is initialized to FALSE. For each table used by the image, the header-writing process emits the table and sets sent_table = TRUE unless it is already TRUE. (In normal usage, this prevents outputting the same table definition multiple times, as would otherwise occur because the chroma components typically share tables.) Thus, setting this field to TRUE before calling jpeg_start_compress() will prevent the table from being written at all.

If you want to create a "pure" abbreviated image file containing no tables, just call "jpeg_suppress_tables(&cinfo, TRUE)" after constructing all the tables. If you want to emit some but not all tables, you'll need to set the individual sent_table fields directly.

To create an abbreviated image, you must also call jpeg_start_compress() with a second parameter of FALSE, not TRUE. Otherwise jpeg_start_compress() will force all the sent_table fields to FALSE. (This is a safety feature to prevent abbreviated images from being created accidentally.)

To create a tables-only file, perform the same parameter setup that you normally would, but instead of calling jpeg_start_compress() and so on, call jpeg_write_tables(&cinfo). This will write an abbreviated datastream containing only SOI, DQT and/or DHT markers, and EOI. All the quantization and Huffman tables that are currently defined in the compression object will be emitted unless their sent_tables flag is already TRUE, and then all the sent_tables flags will be set TRUE.

A sure-fire way to create matching tables-only and abbreviated image files is to proceed as follows:

create JPEG compression object
set JPEG parameters
set destination to tables-only file
jpeg_write_tables(&cinfo);
set destination to image file
jpeg_start_compress(&cinfo, FALSE);
write data...
jpeg_finish_compress(&cinfo);

Since the JPEG parameters are not altered between writing the table file and the abbreviated image file, the same tables are sure to be used. Of course, you can repeat the jpeg_start_compress() ... jpeg_finish_compress() sequence many times to produce many abbreviated image files matching the table file.

You cannot suppress output of the computed Huffman tables when Huffman optimization is selected. (If you could, there'd be no way to decode the image...) Generally, you don't want to set optimize_coding = TRUE when
you are trying to produce abbreviated files.

In some cases you might want to compress an image using tables which are not stored in the application, but are defined in an interchange or tables-only file readable by the application. This can be done by setting up a JPEG decompression object to read the specification file, then copying the tables into your compression object. See jpeg_copy_critical_parameters() for an example of copying quantization tables.

To read abbreviated image files, you simply need to load the proper tables into the decompression object before trying to read the abbreviated image. If the proper tables are stored in the application program, you can just allocate the table structs and fill in their contents directly. For example, to load a fixed quantization table into table slot "n":

```c
if (cinfo.quant_tbl_ptrs[n] == NULL)
    cinfo.quant_tbl_ptrs[n] = jpeg_alloc_quant_table((j_common_ptr) &cinfo);
quant_ptr = cinfo.quant_tbl_ptrs[n]; /* quant_ptr is JQUANT_TBL* */
for (i = 0; i < 64; i++) {
    /* Qtable[] is desired quantization table, in natural array order */
    quant_ptr->quantval[i] = Qtable[i];
}
```

Code to load a fixed Huffman table is typically (for AC table "n"):

```c
if (cinfo.ac_huff_tbl_ptrs[n] == NULL)
    cinfo.ac_huff_tbl_ptrs[n] = jpeg_alloc_huff_table((j_common_ptr) &cinfo);
huff_ptr = cinfo.ac_huff_tbl_ptrs[n]; /* huff_ptr is JHUFF_TBL* */
for (i = 1; i <= 16; i++) {
    /* counts[i] is number of Huffman codes of length i bits, i=1..16 */
    huff_ptr->bits[i] = counts[i];
}
for (i = 0; i < 256; i++) {
    /* symbols[] is the list of Huffman symbols, in code-length order */
    huff_ptr->huffval[i] = symbols[i];
}
```

(Note that trying to set cinfo.quant_tbl_ptrs[n] to point directly at a constant JQUANT_TBL object is not safe. If the incoming file happened to contain a quantization table definition, your master table would get overwritten! Instead allocate a working table copy and copy the master table into it, as illustrated above. Ditto for Huffman tables, of course.)

You might want to read the tables from a tables-only file, rather than hard-wiring them into your application. The jpeg_read_header() call is sufficient to read a tables-only file. You must pass a second parameter of FALSE to indicate that you do not require an image to be present. Thus, the
A typical scenario is

create JPEG decompression object
set source to tables-only file
jpeg_read_header(&cinfo, FALSE);
set source to abbreviated image file
jpeg_read_header(&cinfo, TRUE);
set decompression parameters
jpeg_start_decompress(&cinfo);
read data...
jpeg_finish_decompress(&cinfo);

In some cases, you may want to read a file without knowing whether it contains an image or just tables. In that case, pass FALSE and check the return value from jpeg_read_header(): it will be JPEG_HEADER_OK if an image was found, JPEG_HEADER_TABLES_ONLY if only tables were found. (A third return value, JPEG_SUSPENDED, is possible when using a suspending data source manager.) Note that jpeg_read_header() will not complain if you read an abbreviated image for which you haven't loaded the missing tables; the missing-table check occurs later, in jpeg_start_decompress().

It is possible to read a series of images from a single source file by repeating the jpeg_read_header() ... jpeg_finish_decompress() sequence, without releasing/recreating the JPEG object or the data source module. (If you did reinitialize, any partial bufferload left in the data source buffer at the end of one image would be discarded, causing you to lose the start of the next image.) When you use this method, stored tables are automatically carried forward, so some of the images can be abbreviated images that depend on tables from earlier images.

If you intend to write a series of images into a single destination file, you might want to make a specialized data destination module that doesn't flush the output buffer at term_destination() time. This would speed things up by some trifling amount. Of course, you'd need to remember to flush the buffer after the last image. You can make the later images be abbreviated ones by passing FALSE to jpeg_start_compress().

Special markers
---------------

Some applications may need to insert or extract special data in the JPEG datastream. The JPEG standard provides marker types "COM" (comment) and "APP0" through "APP15" (application) to hold application-specific data. Unfortunately, the use of these markers is not specified by the standard. COM markers are fairly widely used to hold user-supplied text. The JFIF file format spec uses APP0 markers with specified initial strings to hold certain
data. Adobe applications use APP14 markers beginning with the string "Adobe" for miscellaneous data. Other APPn markers are rarely seen, but might contain almost anything.

If you wish to store user-supplied text, we recommend you use COM markers and place readable 7-bit ASCII text in them. Newline conventions are not standardized --- expect to find LF (Unix style), CR/LF (DOS style), or CR (Mac style). A robust COM reader should be able to cope with random binary garbage, including nulls, since some applications generate COM markers containing non-ASCII junk. (But yours should not be one of them.)

For program-supplied data, use an APPn marker, and be sure to begin it with an identifying string so that you can tell whether the marker is actually yours. It's probably best to avoid using APP0 or APP14 for any private markers. (NOTE: the upcoming SPIFF standard will use APP8 markers; we recommend you not use APP8 markers for any private purposes, either.)

Keep in mind that at most 65533 bytes can be put into one marker, but you can have as many markers as you like.

By default, the IJG compression library will write a JFIF APP0 marker if the selected JPEG colorspace is grayscale or YCbCr, or an Adobe APP14 marker if the selected colorspace is RGB, CMYK, or YCCK. You can disable this, but we don't recommend it. The decompression library will recognize JFIF and Adobe markers and will set the JPEG colorspace properly when one is found.

You can write special markers immediately following the datastream header by calling jpeg_write_marker() after jpeg_start_compress() and before the first call to jpeg_write_scanlines(). When you do this, the markers appear after the SOI and the JFIF APP0 and Adobe APP14 markers (if written), but before all else. Specify the marker type parameter as "JPEG_COM" for COM or "JPEG_APP0 + n" for APPn. (Actually, jpeg_write_marker will let you write any marker type, but we don't recommend writing any other kinds of marker.) For example, to write a user comment string pointed to by comment_text:

```c
jpeg_write_marker(cinfo, JPEG_COM, comment_text, strlen(comment_text));
```

If it's not convenient to store all the marker data in memory at once, you can instead call jpeg_write_m_header() followed by multiple calls to jpeg_write_m_byte(). If you do it this way, it's your responsibility to call jpeg_write_m_byte() exactly the number of times given in the length parameter to jpeg_write_m_header(). (This method lets you empty the output buffer partway through a marker, which might be important when using a suspending data destination module. In any case, if you are using a suspending destination, you should flush its buffer after inserting any special markers. See "I/O suspension".)

Or, if you prefer to synthesize the marker byte sequence yourself,
you can just cram it straight into the data destination module.

If you are writing JFIF 1.02 extension markers (thumbnail images), don't forget to set cinfo.JFIF_minor_version = 2 so that the encoder will write the correct JFIF version number in the JFIF header marker. The library's default is to write version 1.01, but that's wrong if you insert any 1.02 extension markers. (We could probably get away with just defaulting to 1.02, but there used to be broken decoders that would complain about unknown minor version numbers. To reduce compatibility risks it's safest not to write 1.02 unless you are actually using 1.02 extensions.)

When reading, two methods of handling special markers are available:
1. You can ask the library to save the contents of COM and/or APPn markers into memory, and then examine them at your leisure afterwards.
2. You can supply your own routine to process COM and/or APPn markers on-the-fly as they are read.

The first method is simpler to use, especially if you are using a suspending data source; writing a marker processor that copes with input suspension is not easy (consider what happens if the marker is longer than your available input buffer). However, the second method conserves memory since the marker data need not be kept around after it's been processed.

For either method, you'd normally set up marker handling after creating a decompression object and before calling jpeg_read_header(), because the markers of interest will typically be near the head of the file and so will be scanned by jpeg_read_header. Once you've established a marker handling method, it will be used for the life of that decompression object (potentially many datastreams), unless you change it. Marker handling is determined separately for COM markers and for each APPn marker code.

To save the contents of special markers in memory, call jpeg_save_markers(cinfo, marker_code, length_limit) where marker_code is the marker type to save, JPEG_COM or JPEG_APP0+n. (To arrange to save all the special marker types, you need to call this routine 17 times, for COM and APP0-APP15.) If the incoming marker is longer than length_limit data bytes, only length_limit bytes will be saved; this parameter allows you to avoid chewing up memory when you only need to see the first few bytes of a potentially large marker. If you want to save all the data, set length_limit to 0xFFFF; that is enough since marker lengths are only 16 bits. As a special case, setting length_limit to 0 prevents that marker type from being saved at all. (That is the default behavior, in fact.)

After jpeg_read_header() completes, you can examine the special markers by following the cinfo->marker_list pointer chain. All the special markers in the file appear in this list, in order of their occurrence in the file (but omitting any markers of types you didn't ask for). Both the original data
length and the saved data length are recorded for each list entry; the latter will not exceed length_limit for the particular marker type. Note that these lengths exclude the marker length word, whereas the stored representation within the JPEG file includes it. (Hence the maximum data length is really only 65533.)

It is possible that additional special markers appear in the file beyond the SOS marker at which jpeg_read_header stops; if so, the marker list will be extended during reading of the rest of the file. This is not expected to be common, however. If you are short on memory you may want to reset the length limit to zero for all marker types after finishing jpeg_read_header, to ensure that the max_memory_to_use setting cannot be exceeded due to addition of later markers.

The marker list remains stored until you call jpeg_finish_decompress or jpeg_abort, at which point the memory is freed and the list is set to empty. (jpeg_destroy also releases the storage, of course.)

Note that the library is internally interested in APP0 and APP14 markers; if you try to set a small nonzero length limit on these types, the library will silently force the length up to the minimum it wants. (But you can set a zero length limit to prevent them from being saved at all.) Also, in a 16-bit environment, the maximum length limit may be constrained to less than 65533 by malloc() limitations. It is therefore best not to assume that the effective length limit is exactly what you set it to be.

If you want to supply your own marker-reading routine, you do it by calling jpeg_set_marker_processor(). A marker processor routine must have the signature

```
boolean jpeg_marker_parser_method (j_decompress_ptr cinfo)
```

Although the marker code is not explicitly passed, the routine can find it in cinfo->unread_marker. At the time of call, the marker proper has been read from the data source module. The processor routine is responsible for reading the marker length word and the remaining parameter bytes, if any. Return TRUE to indicate success. (FALSE should be returned only if you are using a suspending data source and it tells you to suspend. See the standard marker processors in jdmarker.c for appropriate coding methods if you need to use a suspending data source.)

If you override the default APP0 or APP14 processors, it is up to you to recognize JFIF and Adobe markers if you want colorspace recognition to occur properly. We recommend copying and extending the default processors if you want to do that. (A better idea is to save these marker types for later examination by calling jpeg_save_markers(); that method doesn't interfere with the library's own processing of these markers.)

jpeg_set_marker_processor() and jpeg_save_markers() are mutually exclusive
--- if you call one it overrides any previous call to the other, for the particular marker type specified.

A simple example of an external COM processor can be found in djpeg.c. Also, see jpegtran.c for an example of using jpeg_save_markers.

Raw (downsampled) image data
----------------------------

Some applications need to supply already-downsampled image data to the JPEG compressor, or to receive raw downsampled data from the decompressor. The library supports this requirement by allowing the application to write or read raw data, bypassing the normal preprocessing or postprocessing steps. The interface is different from the standard one and is somewhat harder to use. If your interest is merely in bypassing color conversion, we recommend that you use the standard interface and simply set jpeg_color_space = in_color_space (or jpeg_color_space = out_color_space for decompression). The mechanism described in this section is necessary only to supply or receive downsampled image data, in which not all components have the same dimensions.

To compress raw data, you must supply the data in the colorspace to be used in the JPEG file (please read the earlier section on Special color spaces) and downsampled to the sampling factors specified in the JPEG parameters. You must supply the data in the format used internally by the JPEG library, namely a JSAMPIMAGE array. This is an array of pointers to two-dimensional arrays, each of type JSAMPARRAY. Each 2-D array holds the values for one color component. This structure is necessary since the components are of different sizes. If the image dimensions are not a multiple of the MCU size, you must also pad the data correctly (usually, this is done by replicating the last column and/or row). The data must be padded to a multiple of a DCT block in each component: that is, each downsampled row must contain a multiple of block_size valid samples, and there must be a multiple of block_size sample rows for each component. (For applications such as conversion of digital TV images, the standard image size is usually a multiple of the DCT block size, so that no padding need actually be done.)

The procedure for compression of raw data is basically the same as normal compression, except that you call jpeg_write_raw_data() in place of jpeg_write_scanlines(). Before calling jpeg_start_compress(), you must do the following:

* Set cinfo->raw_data_in to TRUE. (It is set FALSE by jpeg_set_defaults().) This notifies the library that you will be supplying raw data.
  Furthermore, set cinfo->do_fancy_downsampling to FALSE if you want to use real downsampled data. (It is set TRUE by jpeg_set_defaults().)
* Ensure jpeg_color_space is correct --- an explicit jpeg_set_colorspace()
call is a good idea. Note that since color conversion is bypassed, in_color_space is ignored, except that jpeg_set_defaults() uses it to choose the default jpeg_color_space setting.

* Ensure the sampling factors, cinfo->comp_info[i].h_samp_factor and cinfo->comp_info[i].v_samp_factor, are correct. Since these indicate the dimensions of the data you are supplying, it's wise to set them explicitly, rather than assuming the library's defaults are what you want.

To pass raw data to the library, call jpeg_write_raw_data() in place of jpeg_write_scanlines(). The two routines work similarly except that jpeg_write_raw_data takes a JSAMPIMAGE data array rather than JSAMPARRAY. The scanlines count passed to and returned from jpeg_write_raw_data is measured in terms of the component with the largest v_samp_factor.

jpeg_write_raw_data() processes one MCU row per call, which is to say v_samp_factor*block_size sample rows of each component. The passed num_lines value must be at least max_v_samp_factor*block_size, and the return value will be exactly that amount (or possibly some multiple of that amount, in future library versions). This is true even on the last call at the bottom of the image; don't forget to pad your data as necessary.

The required dimensions of the supplied data can be computed for each component as

\[
cinfo->comp_info[i].width_in_blocks*block_size \text{ samples per row}
\]

\[
cinfo->comp_info[i].height_in_blocks*block_size \text{ rows in image}
\]

after jpeg_start_compress() has initialized those fields. If the valid data is smaller than this, it must be padded appropriately. For some sampling factors and image sizes, additional dummy DCT blocks are inserted to make the image a multiple of the MCU dimensions. The library creates such dummy blocks itself; it does not read them from your supplied data. Therefore you need never pad by more than block_size samples. An example may help here.

Assume 2h2v downsampling of YCbCr data, that is

\[
cinfo->comp_info[0].h_samp_factor = 2 \text{ for Y}
\]

\[
cinfo->comp_info[0].v_samp_factor = 2
\]

\[
cinfo->comp_info[1].h_samp_factor = 1 \text{ for Cb}
\]

\[
cinfo->comp_info[1].v_samp_factor = 1
\]

\[
cinfo->comp_info[2].h_samp_factor = 1 \text{ for Cr}
\]

\[
cinfo->comp_info[2].v_samp_factor = 1
\]

and suppose that the nominal image dimensions (cinfo->image_width and cinfo->image_height) are 101x101 pixels. Then jpeg_start_compress() will compute downsampling_width = 101 and width_in_blocks = 13 for Y, downsampling_width = 51 and width_in_blocks = 7 for Cb and Cr (and the same for the height fields). You must pad the Y data to at least 13*8 = 104 columns and rows, the Cb/Cr data to at least 7*8 = 56 columns and rows. The MCU height is max_v_samp_factor = 2 DCT rows so you must pass at least 16 scanlines on each call to jpeg_write_raw_data(), which is to say 16 actual sample rows of Y and 8 each of Cb and Cr. A total of 7 MCU rows are needed, so you must pass a total of 7*16 = 112 "scanlines". The last DCT block row
of Y data is dummy, so it doesn’t matter what you pass for it in the data arrays, but the scanlines count must total up to 112 so that all of the Cb and Cr data gets passed.

Output suspension is supported with raw-data compression: if the data destination module suspends, jpeg_write_raw_data() will return 0. In this case the same data rows must be passed again on the next call.

Decompression with raw data output implies bypassing all postprocessing. You must deal with the color space and sampling factors present in the incoming file. If your application only handles, say, 2h1v YCbCr data, you must check for and fail on other color spaces or other sampling factors. The library will not convert to a different color space for you.

To obtain raw data output, set cinfo->raw_data_out = TRUE before jpeg_start_decompress() (it is set FALSE by jpeg_read_header()). Be sure to verify that the color space and sampling factors are ones you can handle. Furthermore, set cinfo->do_fancy_upsampling = FALSE if you want to get real downsampled data (it is set TRUE by jpeg_read_header()). Then call jpeg_read_raw_data() in place of jpeg_read_scanlines(). The decompression process is otherwise the same as usual.

jpeg_read_raw_data() returns one MCU row per call, and thus you must pass a buffer of at least max_v_samp_factor*block_size scanlines (scanline counting is the same as for raw-data compression). The buffer you pass must be large enough to hold the actual data plus padding to DCT-block boundaries. As with compression, any entirely dummy DCT blocks are not processed so you need not allocate space for them, but the total scanline count includes them. The above example of computing buffer dimensions for raw-data compression is equally valid for decompression.

Input suspension is supported with raw-data decompression: if the data source module suspends, jpeg_read_raw_data() will return 0. You can also use buffered-image mode to read raw data in multiple passes.

Really raw data: DCT coefficients
----------------------------------

It is possible to read or write the contents of a JPEG file as raw DCT coefficients. This facility is mainly intended for use in lossless transcoding between different JPEG file formats. Other possible applications include lossless cropping of a JPEG image, lossless reassembly of a multi-strip or multi-tile TIFF/JPEG file into a single JPEG datastream, etc.

To read the contents of a JPEG file as DCT coefficients, open the file and do jpeg_read_header() as usual. But instead of calling jpeg_start_decompress()
and jpeg_read_scanlines(), call jpeg_read_coefficients(). This will read the entire image into a set of virtual coefficient-block arrays, one array per component. The return value is a pointer to an array of virtual-array descriptors. Each virtual array can be accessed directly using the JPEG memory manager's access_virt_barray method (see Memory management, below, and also read structure.txt's discussion of virtual array handling). Or, for simple transcoding to a different JPEG file format, the array list can just be handed directly to jpeg_write_coefficients().

Each block in the block arrays contains quantized coefficient values in normal array order (not JPEG zigzag order). The block arrays contain only DCT blocks containing real data; any entirely-dummy blocks added to fill out interleaved MCUs at the right or bottom edges of the image are discarded during reading and are not stored in the block arrays. (The size of each block array can be determined from the width_in_blocks and height_in_blocks fields of the component's comp_info entry.) This is also the data format expected by jpeg_write_coefficients().

When you are done using the virtual arrays, call jpeg_finish_decompress() to release the array storage and return the decompression object to an idle state; or just call jpeg_destroy() if you don't need to reuse the object.

If you use a suspending data source, jpeg_read_coefficients() will return NULL if it is forced to suspend; a non-NULL return value indicates successful completion. You need not test for a NULL return value when using a non-suspending data source.

It is also possible to call jpeg_read_coefficients() to obtain access to the decoder's coefficient arrays during a normal decode cycle in buffered-image mode. This framework might be useful for progressively displaying an incoming image and then re-encoding it without loss. To do this, decode in buffered-image mode as discussed previously, then call jpeg_read_coefficients() after the last jpeg_finish_output() call. The arrays will be available for your use until you call jpeg_finish_decompress().

To write the contents of a JPEG file as DCT coefficients, you must provide the DCT coefficients stored in virtual block arrays. You can either pass block arrays read from an input JPEG file by jpeg_read_coefficients(), or allocate virtual arrays from the JPEG compression object and fill them yourself. In either case, jpeg_write_coefficients() is substituted for jpeg_start_compress() and jpeg_write_scanlines(). Thus the sequence is

* Create compression object
* Set all compression parameters as necessary
* Request virtual arrays if needed
* jpeg_write_coefficients()
* jpeg_finish_compress()
* Destroy or re-use compression object
jpeg_write_coefficients() is passed a pointer to an array of virtual block array descriptors; the number of arrays is equal to cinfo.num_components.

The virtual arrays need only have been requested, not realized, before jpeg_write_coefficients() is called. A side-effect of jpeg_write_coefficients() is to realize any virtual arrays that have been requested from the compression object’s memory manager. Thus, when obtaining the virtual arrays from the compression object, you should fill the arrays after calling jpeg_write_coefficients(). The data is actually written out when you call jpeg_finish_compress(); jpeg_write_coefficients() only writes the file header.

When writing raw DCT coefficients, it is crucial that the JPEG quantization tables and sampling factors match the way the data was encoded, or the resulting file will be invalid. For transcoding from an existing JPEG file, we recommend using jpeg_copy_critical_parameters(). This routine initializes all the compression parameters to default values (like jpeg_set_defaults()), then copies the critical information from a source decompression object. The decompression object should have just been used to read the entire JPEG input file --- that is, it should be awaiting jpeg_finish_decompress().

jpeg_write_coefficients() marks all tables stored in the compression object as needing to be written to the output file (thus, it acts like jpeg_start_compress(cinfo, TRUE)). This is for safety’s sake, to avoid emitting abbreviated JPEG files by accident. If you really want to emit an abbreviated JPEG file, call jpeg_suppress_tables(), or set the tables’ individual sent_table flags, between calling jpeg_write_coefficients() and jpeg_finish_compress().

Progress monitoring

-------------------

Some applications may need to regain control from the JPEG library every so often. The typical use of this feature is to produce a percent-done bar or other progress display. (For a simple example, see cjpeg.c or djpeg.c.) Although you do get control back frequently during the data-transferring pass (the jpeg_read_scanlines or jpeg_write_scanlines loop), any additional passes will occur inside jpeg_finish_compress or jpeg_start_decompress; those routines may take a long time to execute, and you don’t get control back until they are done.

You can define a progress-monitor routine which will be called periodically by the library. No guarantees are made about how often this call will occur, so we don’t recommend you use it for mouse tracking or anything like that. At present, a call will occur once per MCU row, scanline, or sample row group, whichever unit is convenient for the current processing mode; so the wider the image, the longer the time between calls. During the data
transferring pass, only one call occurs per call of jpeg_read_scanlines or jpeg_write_scanlines, so don't pass a large number of scanlines at once if you want fine resolution in the progress count. (If you really need to use the callback mechanism for time-critical tasks like mouse tracking, you could insert additional calls inside some of the library's inner loops.)

To establish a progress-monitor callback, create a struct jpeg_progress_mgr, fill in its progress_monitor field with a pointer to your callback routine, and set cinfo->progress to point to the struct. The callback will be called whenever cinfo->progress is non-NULL. (This pointer is set to NULL by jpeg_create_compress or jpeg_create_decompress; the library will not change it thereafter. So if you allocate dynamic storage for the progress struct, make sure it will live as long as the JPEG object does. Allocating from the JPEG memory manager with lifetime JPOOL_PERMANENT will work nicely.) You can use the same callback routine for both compression and decompression.

The jpeg_progress_mgr struct contains four fields which are set by the library:

- long pass_counter;/* work units completed in this pass */
- long pass_limit;/* total number of work units in this pass */
- int completed_passes;/* passes completed so far */
- int total_passes;/* total number of passes expected */

During any one pass, pass_counter increases from 0 up to (not including) pass_limit; the step size is usually but not necessarily 1. The pass_limit value may change from one pass to another. The expected total number of passes is in total_passes, and the number of passes already completed is in completed_passes. Thus the fraction of work completed may be estimated as completed_passes + (pass_counter/pass_limit)

---------------------------------------------------------------

total_passes

ignoring the fact that the passes may not be equal amounts of work.

When decompressing, pass_limit can even change within a pass, because it depends on the number of scans in the JPEG file, which isn't always known in advance. The computed fraction-of-work-done may jump suddenly (if the library discovers it has overestimated the number of scans) or even decrease (in the opposite case). It is not wise to put great faith in the work estimate.

When using the decompressor's buffered-image mode, the progress monitor work estimate is likely to be completely unhelpful, because the library has no way to know how many output passes will be demanded of it. Currently, the library sets total_passes based on the assumption that there will be one more output pass if the input file end hasn't yet been read (jpeg_input_complete() isn't TRUE), but no more output passes if the file end has been reached when the output pass is started. This means that total_passes will rise as additional output passes are requested. If you have a way of determining the input file size, estimating progress based on the fraction of the file that's been read will probably be more useful than using the library's value.
Memory management

This section covers some key facts about the JPEG library's built-in memory manager. For more info, please read structure.txt's section about the memory manager, and consult the source code if necessary.

All memory and temporary file allocation within the library is done via the memory manager. If necessary, you can replace the "back end" of the memory manager to control allocation yourself (for example, if you don’t want the library to use malloc() and free() for some reason).

Some data is allocated "permanently" and will not be freed until the JPEG object is destroyed. Most data is allocated "per image" and is freed by jpeg_finish_compress, jpeg_finish_decompress, or jpeg_abort. You can call the memory manager yourself to allocate structures that will automatically be freed at these times. Typical code for this is

```
ptr = (*cinfo->mem->alloc_small) ((j_common_ptr) cinfo, JPOOL_IMAGE, size);
```

Use JPOOL_PERMANENT to get storage that lasts as long as the JPEG object. Use alloc_large instead of alloc_small for anything bigger than a few Kbytes. There are also alloc_sarray and alloc_barray routines that automatically build 2-D sample or block arrays.

The library’s minimum space requirements to process an image depend on the image's width, but not on its height, because the library ordinarily works with "strip" buffers that are as wide as the image but just a few rows high. Some operating modes (eg, two-pass color quantization) require full-image buffers. Such buffers are treated as "virtual arrays": only the current strip need be in memory, and the rest can be swapped out to a temporary file.

If you use the simplest memory manager back end (jmembnobs.c), then no temporary files are used; virtual arrays are simply malloc()'d. Images bigger than memory can be processed only if your system supports virtual memory. The other memory manager back ends support temporary files of various flavors and thus work in machines without virtual memory. They may also be useful on Unix machines if you need to process images that exceed available swap space.

When using temporary files, the library will make the in-memory buffers for its virtual arrays just big enough to stay within a "maximum memory" setting. Your application can set this limit by setting cinfo->mem->max_memory_to_use after creating the JPEG object. (Of course, there is still a minimum size for the buffers, so the max-memory setting is effective only if it is bigger than the minimum space needed.) If you allocate any large structures yourself, you must allocate them before jpeg_start_compress() or jpeg_start_decompress() in order to have them counted against the max memory limit. Also keep in mind that space allocated with alloc_small() is ignored, on the assumption that it’s too small to be worth worrying about; so a reasonable safety margin
should be left when setting max_memory_to_use.

If you use the jmemname.c or jmemdos.c memory manager back end, it is important to clean up the JPEG object properly to ensure that the temporary files get deleted. (This is especially crucial with jmemdos.c, where the "temporary files" may be extended-memory segments; if they are not freed, DOS will require a reboot to recover the memory.) Thus, with these memory managers, it's a good idea to provide a signal handler that will trap any early exit from your program. The handler should call either jpeg_abort() or jpeg_destroy() for any active JPEG objects. A handler is not needed with jmemnobs.c, and shouldn't be necessary with jmemansi.c or jmemmac.c either, since the C library is supposed to take care of deleting files made with tmpfile().

Memory usage
-----------

Working memory requirements while performing compression or decompression depend on image dimensions, image characteristics (such as colorspace and JPEG process), and operating mode (application-selected options).

As of v6b, the decompressor requires:
1. About 24K in more-or-less-fixed-size data. This varies a bit depending on operating mode and image characteristics (particularly color vs. grayscale), but it doesn't depend on image dimensions.
2. Strip buffers (of size proportional to the image width) for IDCT and upsampling results. The worst case for commonly used sampling factors is about 34 bytes * width in pixels for a color image. A grayscale image only needs about 8 bytes per pixel column.
3. A full-image DCT coefficient buffer is needed to decode a multi-scan JPEG file (including progressive JPEGs), or whenever you select buffered-image mode. This takes 2 bytes/coefficient. At typical 2x2 sampling, that's 3 bytes per pixel for a color image. Worst case (1x1 sampling) requires 6 bytes/pixel. For grayscale, figure 2 bytes/pixel.
4. To perform 2-pass color quantization, the decompressor also needs a 128K color lookup table and a full-image pixel buffer (3 bytes/pixel). This does not count any memory allocated by the application, such as a buffer to hold the final output image.

The above figures are valid for 8-bit JPEG data precision and a machine with 32-bit ints. For 9-bit to 12-bit JPEG data, double the size of the strip buffers and quantization pixel buffer. The "fixed-size" data will be somewhat smaller with 16-bit ints, larger with 64-bit ints. Also, CMYK or other unusual color spaces will require different amounts of space.

The full-image coefficient and pixel buffers, if needed at all, do not have to be fully RAM resident; you can have the library use temporary
files instead when the total memory usage would exceed a limit you set. (But if your OS supports virtual memory, it's probably better to just use jmemnobs and let the OS do the swapping.)

The compressor's memory requirements are similar, except that it has no need for color quantization. Also, it needs a full-image DCT coefficient buffer if Huffman-table optimization is asked for, even if progressive mode is not requested.

If you need more detailed information about memory usage in a particular situation, you can enable the MEM_STATS code in jmemmgr.c.

Library compile-time options
----------------------------
A number of compile-time options are available by modifying jmorecfg.h.

The IJG code currently supports 8-bit to 12-bit sample data precision by defining BITS_IN_JSAMPLE as 8, 9, 10, 11, or 12. Note that a value larger than 8 causes JSAMPLE to be larger than a char, so it affects the surrounding application's image data. The sample applications cjpeg and djpeg can support deeper than 8-bit data only for PPM and GIF file formats; you must disable the other file formats to compile a 9-bit to 12-bit cjpeg or djpeg. (install.txt has more information about that.)

Run-time selection and conversion of data precision are currently not supported and may be added later.

Exception: The transcoding part (jpegtran) supports all settings in a single instance, since it operates on the level of DCT coefficients and not sample values.

(If you need to include an 8-bit library and a 9-bit to 12-bit library for compression or decompression in a single application, you could probably do it by defining NEED_SHORT_EXTERNAL_NAMES for just one of the copies. You'd have to access the 8-bit and the 9-bit to 12-bit copies from separate application source files. This is untested ... if you try it, we'd like to hear whether it works!)

Note that the standard Huffman tables are only valid for 8-bit data precision. If you selected more than 8-bit data precision, cjpeg uses arithmetic coding by default. The Huffman encoder normally uses entropy optimization to compute usable tables for higher precision. Otherwise, you'll have to supply different default Huffman tables. You may also want to supply your own DCT quantization tables; the existing quality-scaling code has been developed for 8-bit use, and probably doesn't generate especially good tables for 9-bit to 12-bit.

The maximum number of components (color channels) in the image is determined
by MAX_COMPONENTS. The JPEG standard allows up to 255 components, but we expect that few applications will need more than four or so.

On machines with unusual data type sizes, you may be able to improve performance or reduce memory space by tweaking the various typedefs in jmorecfg.h. In particular, on some RISC CPUs, access to arrays of "short"s is quite slow; consider trading memory for speed by making JCOEF, INT16, and UINT16 be "int" or "unsigned int". UINT8 is also a candidate to become int. You probably don't want to make JSAMPLE be int unless you have lots of memory to burn.

You can reduce the size of the library by compiling out various optional functions. To do this, undefine xxx_SUPPORTED symbols as necessary.

You can also save a few K by not having text error messages in the library; the standard error message table occupies about 5Kb. This is particularly reasonable for embedded applications where there's no good way to display a message anyway. To do this, remove the creation of the message table (jpeg_std_message_table[]) from jerror.c, and alter format_message to do something reasonable without it. You could output the numeric value of the message code number, for example. If you do this, you can also save a couple more K by modifying the TRACEMSn() macros in jerror.h to expand to nothing; you don't need trace capability anyway, right?

Portability considerations
--------------------------

The JPEG library has been written to be extremely portable; the sample applications cjpeg and djpeg are slightly less so. This section summarizes the design goals in this area. (If you encounter any bugs that cause the library to be less portable than is claimed here, we'd appreciate hearing about them.)

The code works fine on ANSI C, C++, and pre-ANSI C compilers, using any of the popular system include file setups, and some not-so-popular ones too. See install.txt for configuration procedures.

The code is not dependent on the exact sizes of the C data types. As distributed, we make the assumptions that char is at least 8 bits wide short is at least 16 bits wide int is at least 16 bits wide long is at least 32 bits wide (These are the minimum requirements of the ANSI C standard.) Wider types will work fine, although memory may be used inefficiently if char is much larger than 8 bits or short is much bigger than 16 bits. The code should work equally well with 16- or 32-bit ints.
In a system where these assumptions are not met, you may be able to make the code work by modifying the typedefs in jmorecfg.h. However, you will probably have difficulty if int is less than 16 bits wide, since references to plain int abound in the code.

char can be either signed or unsigned, although the code runs faster if an unsigned char type is available. If char is wider than 8 bits, you will need to redefine JOCTET and/or provide custom data source/destination managers so that JOCTET represents exactly 8 bits of data on external storage.

The JPEG library proper does not assume ASCII representation of characters. But some of the image file I/O modules in cjpeg/djpeg do have ASCII dependencies in file-header manipulation; so does cjpeg's select_file_type() routine.

The JPEG library does not rely heavily on the C library. In particular, C stdio is used only by the data source/destination modules and the error handler, all of which are application-replaceable. (cjpeg/djpeg are more heavily dependent on stdio.) malloc and free are called only from the memory manager "back end" module, so you can use a different memory allocator by replacing that one file.

The code generally assumes that C names must be unique in the first 15 characters. However, global function names can be made unique in the first 6 characters by defining NEED_SHORT_EXTERNAL_NAMES.

More info about porting the code may be gleaned by reading jconfig.txt, jmorecfg.h, and jinclude.h.

Notes for MS-DOS implementors
-----------------------------

The IJG code is designed to work efficiently in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model (perhaps 10%-25%), and you should avoid "huge" model if at all possible.

The JPEG library typically needs 2Kb-3Kb of stack space. It will also malloc about 20K-30K of near heap space while executing (and lots of far heap, but that doesn't count in this calculation). This figure will vary depending on selected operating mode, and to a lesser extent on image size. There is also about 5Kb-6Kb of constant data which will be allocated in the
near data segment (about 4Kb of this is the error message table). Thus you have perhaps 20K available for other modules' static data and near heap space before you need to go to a larger memory model. The C library's static data will account for several K of this, but that still leaves a good deal for your needs. (If you are tight on space, you could reduce the sizes of the I/O buffers allocated by jdatasrc.c and jdatadst.c, say from 4K to 1K. Another possibility is to move the error message table to far memory; this should be doable with only localized hacking on jerror.c.)

About 2K of the near heap space is "permanent" memory that will not be released until you destroy the JPEG object. This is only an issue if you save a JPEG object between compression or decompression operations.

Far data space may also be a tight resource when you are dealing with large images. The most memory-intensive case is decompression with two-pass color quantization, or single-pass quantization to an externally supplied color map. This requires a 128Kb color lookup table plus strip buffers amounting to about 40 bytes per column for typical sampling ratios (eg, about 25600 bytes for a 640-pixel-wide image). You may not be able to process wide images if you have large data structures of your own.

Of course, all of these concerns vanish if you use a 32-bit flat-memory-model compiler, such as DJGPP or Watcom C. We highly recommend flat model if you can use it; the JPEG library is significantly faster in flat model.

Found in path(s):
*/
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/libjpeg.txt
No license file was found, but licenses were detected in source scan.

/*
*
* jcapistd.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains application interface code for the compression half
* of the JPEG library. These are the "standard" API routines that are
* used in the normal full-compression case. They are not used by a
* transcoding-only application. Note that if an application links in
* jpeg_start_compress, it will end up linking in the entire compressor.
* We thus must separate this file from jcapimin.c to avoid linking the
* whole compression library into a transcoder.
*/

Found in path(s):
/*
 * transupp.c
 *
 * Copyright (C) 1997-2013, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains image transformation routines and other utility code
 * used by the jpegtran sample application. These are NOT part of the core
 * JPEG library. But we keep these routines separate from jpegtran.c to
 * ease the task of maintaining jpegtran-like programs that have other user
 * interfaces.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/transupp.c

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**IJG JPEG LIBRARY: CODING RULES**

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This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

Since numerous people will be contributing code and bug fixes, it's important
to establish a common coding style. The goal of using similar coding styles
is much more important than the details of just what that style is.

In general we follow the recommendations of "Recommended C Style and Coding
Standards" revision 6.1 (Cannon et al. as modified by Spencer, Keppel and
Brader). This document is available in the IJG FTP archive (see

Block comments should be laid out thusly:

"/
 * Block comments in this style.
 */

We indent statements in K&R style, e.g.,
if (test) {
   then-part;
} else {
else-part;
}
with two spaces per indentation level. (This indentation convention is
handled automatically by GNU Emacs and many other text editors.)

Multi-word names should be written in lower case with underscores, e.g.,
multi_word_name (not multiWordName). Preprocessor symbols and enum constants
are similar but upper case (MULTI_WORD_NAME). Names should be unique within
the first fifteen characters. (On some older systems, global names must be
unique within six characters. We accommodate this without cluttering the
source code by using macros to substitute shorter names.)

We use function prototypes everywhere; we rely on automatic source code
transformation to feed prototype-less C compilers. Transformation is done
by the simple and portable tool 'ansi2knr.c' (courtesy of Ghostscript).
ansi2knr is not very bright, so it imposes a format requirement on function
declarations: the function name MUST BEGIN IN COLUMN 1. Thus all functions
should be written in the following style:

LOCAL(int *)
function_name (int a, char *b)
{
    code...
}

Note that each function definition must begin with GLOBAL(type), LOCAL(type),
or METHODDEF(type). These macros expand to "static type" or just "type" as
appropriate. They provide a readable indication of the routine's usage and
can readily be changed for special needs. (For instance, special linkage
keywords can be inserted for use in Windows DLLs.)

ansi2knr does not transform method declarations (function pointers in
structs). We handle these with a macro JMETHOD, defined as
#ifdef HAVE_PROTOTYPES
#define JMETHOD(type,methodname,arglist)  type (*methodname) arglist
#else
#define JMETHOD(type,methodname,arglist)  type (*methodname) ()
#endif
which is used like this:
struct function_pointers {
    JMETHOD(void, init_entropy_encoder, (int somearg, jparms *jp));
    JMETHOD(void, term_entropy_encoder, (void));
};
Note the set of parentheses surrounding the parameter list.

A similar solution is used for forward and external function declarations
(see the EXTERN and JPP macros).
If the code is to work on non-ANSI compilers, we cannot rely on a prototype declaration to coerce actual parameters into the right types. Therefore, use explicit casts on actual parameters whenever the actual parameter type is not identical to the formal parameter. Beware of implicit conversions to "int".

It seems there are some non-ANSI compilers in which the sizeof() operator is defined to return int, yet size_t is defined as long. Needless to say, this is brain-damaged. Always use the SIZEOF() macro in place of sizeof(), so that the result is guaranteed to be of type size_t.

The JPEG library is intended to be used within larger programs. Furthermore, we want it to be reentrant so that it can be used by applications that process multiple images concurrently. The following rules support these requirements:

1. Avoid direct use of file I/O, "malloc", error report printouts, etc; pass these through the common routines provided.

2. Minimize global namespace pollution. Functions should be declared static wherever possible. (Note that our method-based calling conventions help this a lot; in many modules only the initialization function will ever need to be called directly, so only that function need be externally visible.) All global function names should begin with "jpeg_", and should have an abbreviated name (unique in the first six characters) substituted by macro when NEED_SHORT_EXTERNAL_NAMES is set.

3. Don't use global variables; anything that must be used in another module should be in the common data structures.

4. Don't use static variables except for read-only constant tables. Variables that should be private to a module can be placed into private structures (see the system architecture document, structure.txt).

5. Source file names should begin with "j" for files that are part of the library proper; source files that are not part of the library, such as cjpeg.c and djpeg.c, do not begin with "j". Keep source file names to eight characters (plus ".c" or ".h", etc) to make life easy for MS-DOSers. Keep compression and decompression code in separate source files --- some applications may want only one half of the library.

Note: these rules (particularly #4) are not followed religiously in the modules that are used in cjpeg/djpeg but are not part of the JPEG library proper. Those modules are not really intended to be used in other applications.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/coderules.txt
No license file was found, but licenses were detected in source scan.

/*
 * jdcoefct.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * Modified 2002-2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the coefficient buffer controller for decompression.
 * This controller is the top level of the JPEG decompressor proper.
 * The coefficient buffer lies between entropy decoding and inverse-DCT steps.
 *
 * In buffered-image mode, this controller is the interface between
 * input-oriented processing and output-oriented processing.
 * Also, the input side (only) is used when reading a file for transcoding.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdcoefct.c

No license file was found, but licenses were detected in source scan.

/
* jdapistd.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2002-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface code for the decompression half
* of the JPEG library. These are the "standard" API routines that are
* used in the normal full-decompression case. They are not used by a
* transcoding-only application. Note that if an application links in
* jpeg_start_decompress, it will end up linking in the entire decompressor.
* We thus must separate this file from jdapimin.c to avoid linking the
* whole decompression library into a transcoder.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdapistd.c

No license file was found, but licenses were detected in source scan.

/*
* jidctfst.c
* Copyright (C) 1994-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains a fast, not so accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.
* 
* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.
* 
* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with fixed-point math,
* accuracy is lost due to imprecise representation of the scaled
* quantization values. The smaller the quantization table entry, the less
* precise the scaled value, so this implementation does worse with high-
* quality-setting files than with low-quality ones.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jidctfst.c

No license file was found, but licenses were detected in source scan.

/*
* jcarith.c
*
* Developed 1997-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains portable arithmetic entropy encoding routines for JPEG
* 
* Both sequential and progressive modes are supported in this single module.
* Suspension is not currently supported in this module.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcarith.c
No license file was found, but licenses were detected in source scan.

/*
* wrrle.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to write output images in RLE format.
* The Utah Raster Toolkit library is required (version 3.1 or later).
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume output to
* an ordinary stdio stream.
*
* Based on code contributed by Mike Lijewski,
* with updates from Robert Hutchinson.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrrle.c
No license file was found, but licenses were detected in source scan.

/*
* jctrans.c
*
* Copyright (C) 1995-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains library routines for transcoding compression,
* that is, writing raw DCT coefficient arrays to an output JPEG file.
* The routines in jcapimin.c will also be needed by a transcoder.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jtrans.c
No license file was found, but licenses were detected in source scan.

/*
 * jversion.h
 *
 * Copyright (C) 1991-2014, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains software version identification.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jversion.h
No license file was found, but licenses were detected in source scan.

/*
 * jdmainct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2002-2012 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the main buffer controller for decompression.
 * The main buffer lies between the JPEG decompressor proper and the
 * post-processor; it holds downsampled data in the JPEG colorspace.
 *
 * Note that this code is bypassed in raw-data mode, since the application
 * supplies the equivalent of the main buffer in that case.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdmainct.c
No license file was found, but licenses were detected in source scan.

/*
 * cjpeg.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for the JPEG compressor.
 * It should work on any system with Unix- or MS-DOS-style command lines.
Two different command line styles are permitted, depending on the
compile-time switch TWO_FILE_COMMANDLINE:

cjpeg [options] inputfile outputfile

cjpeg [options] [inputfile]

In the second style, output is always to standard output, which you'd
normally redirect to a file or pipe to some other program. Input is
either from a named file or from standard input (typically redirected).
The second style is convenient on Unix but is unhelpful on systems that
don't support pipes. Also, you MUST use the first style if your system
doesn't do binary I/O to stdin/stdout.
To simplify script writing, the "-outfile" switch is provided. The syntax

cjpeg [options] -outfile outputfile inputfile

works regardless of which command line style is used.

/*

*/

/* jpegint.h

*/

* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 1997-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file provides common declarations for the various JPEG modules.
* These declarations are considered internal to the JPEG library; most
* applications using the library shouldn't need to include this file.
*/

/*

*/

/* jcdctmgr.c

*/

* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains the forward-DCT management logic.
* This code selects a particular DCT implementation to be used, 
* and it performs related housekeeping chores including coefficient 
* quantization.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jcdctmgr.c
No license file was found, but licenses were detected in source scan.

/*
 * jdmarker.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2009-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to decode JPEG datastream markers.
 * Most of the complexity arises from our desire to support input
 * suspension: if not all of the data for a marker is available,
 * we must exit back to the application. On resumption, we reprocess
 * the marker.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdmarker.c
No license file was found, but licenses were detected in source scan.

/*
 * jdcolor.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2011-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains output colorspace conversion routines.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdcolor.c
No license file was found, but licenses were detected in source scan.

/*
 * jmemmgr.c
 */
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2011-2012 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the JPEG system-independent memory management
* routines. This code is usable across a wide variety of machines; most
* of the system dependencies have been isolated in a separate file.
* The major functions provided here are:
* * pool-based allocation and freeing of memory;
* * policy decisions about how to divide available memory among the
*   virtual arrays;
* * control logic for swapping virtual arrays between main memory and
*   backing storage.
* The separate system-dependent file provides the actual backing-storage
* access code, and it contains the policy decision about how much total
* main memory to use.
* This file is system-dependent in the sense that some of its functions
* are unnecessary in some systems. For example, if there is enough virtual
* memory so that backing storage will never be used, much of the virtual
* array control logic could be removed. (Of course, if you have that much
* memory then you shouldn't care about a little bit of unused code...)
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemmgr.c
No license file was found, but licenses were detected in source scan.

/*
* jidctflt.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
* Modified 2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a floating-point implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.
*
* This implementation should be more accurate than either of the integer
* IDCT implementations. However, it may not give the same results on all
* machines because of differences in roundoff behavior. Speed will depend
* on the hardware's floating point capacity.
*
* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
on each row (or vice versa, but it's more convenient to emit a row at
a time). Direct algorithms are also available, but they are much more
complex and seem not to be any faster when reduced to code.

This implementation is based on Arai, Agui, and Nakajima's algorithm for
scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
Japanese, but the algorithm is described in the Pennebaker & Mitchell
JPEG textbook (see REFERENCES section in file README). The following code
is based directly on figure 4-8 in P&M.

While an 8-point DCT cannot be done in less than 11 multiplies, it is
possible to arrange the computation so that many of the multiplies are
simple scalings of the final outputs. These multiplies can then be
folded into the multiplications or divisions by the JPEG quantization
table entries. The AA&N method leaves only 5 multiplies and 29 adds
to be done in the DCT itself.
The primary disadvantage of this method is that with a fixed-point
implementation, accuracy is lost due to imprecise representation of the
scaled quantization values. However, that problem does not arise if
we use floating point arithmetic.

Found in path(s):
*/

jmemansi.c

Copyright (C) 1992-1996, Thomas G. Lane.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file provides a simple generic implementation of the system-
dependent portion of the JPEG memory manager. This implementation
assumes that you have the ANSI-standard library routine tmpfile().
Also, the problem of determining the amount of memory available
is shoved onto the user.

Found in path(s):
*/
rdrle.c

No license file was found, but licenses were detected in source scan.
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.

* This file contains routines to read input images in Utah RLE format.
* The Utah Raster Toolkit library is required (version 3.1 or later).

* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed RLE format).

* Based on code contributed by Mike Lijewski,
* with updates from Robert Hutchinson.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdrle.c
No license file was found, but licenses were detected in source scan.

/*
* jutils.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains tables and miscellaneous utility routines needed
* for both compression and decompression.
* Note we prefix all global names with "j" to minimize conflicts with
* a surrounding application.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jutils.c
No license file was found, but licenses were detected in source scan.

/ *
* rdtarga.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains routines to read input images in Targa format.

* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed Targa format).

* Based on code contributed by Lee Daniel Crocker.

* Found in path(s):
  * /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
    0278ff0/rdtarga.c

No license file was found, but licenses were detected in source scan.

/*
* jquant2.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* Modified 2011 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains 2-pass color quantization (color mapping) routines.
* These routines provide selection of a custom color map for an image,
* followed by mapping of the image to that color map, with optional
* Floyd-Steinberg dithering.
* It is also possible to use just the second pass to map to an arbitrary
* externally-given color map.
*
* Note: ordered dithering is not supported, since there isn't any fast
* way to compute intercolor distances; it's unclear that ordered dither's
* fundamental assumptions even hold with an irregularly spaced color map.
*/

Found in path(s):
  * /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
    0278ff0/jquant2.c

No license file was found, but licenses were detected in source scan.

/*
* jfdctfst.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains a fast, not so accurate integer implementation of the
forward DCT (Discrete Cosine Transform).

A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
on each column. Direct algorithms are also available, but they are
much more complex and seem not to be any faster when reduced to code.

This implementation is based on Arai, Agui, and Nakajima's algorithm for
scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
Japanese, but the algorithm is described in the Pennebaker & Mitchell
JPEG textbook (see REFERENCES section in file README). The following code
is based directly on figure 4-8 in P&M.

While an 8-point DCT cannot be done in less than 11 multiplies, it is
possible to arrange the computation so that many of the multiplies are
simple scalings of the final outputs. These multiplies can then be
folded into the multiplications or divisions by the JPEG quantization
table entries. The AA&N method leaves only 5 multiplies and 29 adds
to be done in the DCT itself.

The primary disadvantage of this method is that with fixed-point math,
accuracy is lost due to imprecise representation of the scaled
quantization values. The smaller the quantization table entry, the less
precise the scaled value, so this implementation does worse with high-
quality-setting files than with low-quality ones.

роб

The Independent JPEG Group's JPEG software
==========================================
README for release 9a of 19-Jan-2014
=====================================

This distribution contains the ninth public release of the Independent JPEG
Group's free JPEG software. You are welcome to redistribute this software and
to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone,
Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson,
Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers,
and other members of the Independent JPEG Group.
IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

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

This file contains the following sections:

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

Other documentation files in the distribution are:

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

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

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

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

OVERVIEW
========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression
method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

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

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

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

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
==============

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.
In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

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Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

1. If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

2. If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

3. Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

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

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

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated.”

REFERENCES
==========

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

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

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

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard” by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for


IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm. A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.

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

ARCHIVE LOCATIONS

The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as


If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

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===============

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FILE FORMAT WARS
================

The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!
(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification.

Furthermore, the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions.

One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code.

The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties.

We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

According to the UCC (Uniform Commercial Code) law, IJG has the lawful and legal right to foreclose on certain standardization bodies and other institutions or corporations that knowingly perform substantial and systematic deceptive acts and practices, fraud, theft, and damaging of the
value of the people of this planet without their knowing, willing and intentional consent. The titles, ownership, and rights of these institutions and all their assets are now duly secured and held in trust for the free people of this planet. People of the planet, on every country, may have a financial interest in the assets of these former principals, agents, and beneficiaries of the foreclosed institutions and corporations.

IYG asserts what is: that each man, woman, and child has unalienable value and rights granted and deposited in them by the Creator and not any one of the people is subordinate to any artificial principality, corporate fiction or the special interest of another without their appropriate knowing, willing and intentional consent made by contract or accommodation agreement. IYG expresses that which already was. The people have already determined and demanded that public administration entities, national governments, and their supporting judicial systems must be fully transparent, accountable, and liable. IYG has secured the value for all concerned free people of the planet.

A partial list of foreclosed institutions and corporations ("Hall of Shame") is currently prepared and will be published later.

TO DO

Version 9 is the second release of a new generation JPEG standard to overcome the limitations of the original JPEG specification, and is the first true source reference JPEG codec. More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/README
No license file was found, but licenses were detected in source scan.

/*
 * jcinit.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains initialization logic for the JPEG compressor.
 * This routine is in charge of selecting the modules to be executed and making an initialization call to each one.
* Logically, this code belongs in jcmaster.c. It's split out because
* linking this routine implies linking the entire compression library.
* For a transcoding-only application, we want to be able to use jcmaster.c
* without linking in the whole library.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jcinit.c
No license file was found, but licenses were detected in source scan.

/*
* rdppm.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2009 by Bill Allombert, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to read input images in PPM/PGM format.
* The extended 2-byte-per-sample raw PPM/PGM formats are supported.
* The PBMPLUS library is NOT required to compile this software
* (but it is highly useful as a set of PPM image manipulation programs).
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed PPM format).
*/

/* Portions of this code are based on the PBMPLUS library, which is:
**
** Copyright (C) 1988 by Jef Poskanzer.
**
** Permission to use, copy, modify, and distribute this software and its
** documentation for any purpose and without fee is hereby granted, provided
** that the above copyright notice appear in all copies and that both that
** copyright notice and this permission notice appear in supporting
** documentation. This software is provided "as is" without express or
** implied warranty.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdppm.c
No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: SYSTEM ARCHITECTURE

Copyright (C) 1991-2013, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file provides an overview of the architecture of the IJG JPEG software;
that is, the functions of the various modules in the system and the interfaces
between modules. For more precise details about any data structure or calling
convention, see the include files and comments in the source code.

We assume that the reader is already somewhat familiar with the JPEG standard.
The README file includes references for learning about JPEG. The file
libjpeg.txt describes the library from the viewpoint of an application
programmer using the library; it's best to read that file before this one.
Also, the file coderules.txt describes the coding style conventions we use.

In this document, JPEG-specific terminology follows the JPEG standard:
A "component" means a color channel, e.g., Red or Luminance.
A "sample" is a single component value (i.e., one number in the image data).
A "coefficient" is a frequency coefficient (a DCT transform output number).
A "block" is an array of samples or coefficients.
An "MCU" (minimum coded unit) is an interleaved set of blocks of size
determined by the sampling factors, or a single block in a
noninterleaved scan.
We do not use the terms "pixel" and "sample" interchangeably. When we say
pixel, we mean an element of the full-size image, while a sample is an element
of the downsampled image. Thus the number of samples may vary across
components while the number of pixels does not. (This terminology is not used
rigorously throughout the code, but it is used in places where confusion would
otherwise result.)

*** System features ***

The IJG distribution contains two parts:
* A subroutine library for JPEG compression and decompression.
* cjpeg/djpeg, two sample applications that use the library to transform
  JFIF JPEG files to and from several other image formats.
cjpeg/djpeg are of no great intellectual complexity: they merely add a simple
command-line user interface and I/O routines for several uncompressed image
formats. This document concentrates on the library itself.

We desire the library to be capable of supporting all JPEG baseline, extended
sequential, and progressive DCT processes. The library does not support the
hierarchical or lossless processes defined in the standard.

Within these limits, any set of compression parameters allowed by the JPEG spec should be readable for decompression. (We can be more restrictive about what formats we can generate.) Although the system design allows for all parameter values, some uncommon settings are not yet implemented and may never be; nonintegral sampling ratios are the prime example. Furthermore, we treat 8-bit vs. 12-bit data precision as a compile-time switch, not a run-time option, because most machines can store 8-bit pixels much more compactly than 12-bit.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, libtiff uses this library to implement JPEG compression within the TIFF file format.)

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. This code can be omitted if not needed.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

*** Portability issues ***

Portability is an essential requirement for the library. The key portability issues that show up at the level of system architecture are:

1. Memory usage. We want the code to be able to run on PC-class machines with limited memory. Images should therefore be processed sequentially (in strips), to avoid holding the whole image in memory at once. Where a full-image buffer is necessary, we should be able to use either virtual memory or temporary files.

2. Near/far pointer distinction. To run efficiently on 80x86 machines, the code should distinguish "small" objects (kept in near data space) from "large" ones (kept in far data space). This is an annoying restriction, but fortunately it does not impact code quality for less brain-damaged machines,
and the source code clutter turns out to be minimal with sufficient use of pointer typedefs.

3. Data precision. We assume that "char" is at least 8 bits, "short" and "int" at least 16, "long" at least 32. The code will work fine with larger data sizes, although memory may be used inefficiently in some cases. However, the JPEG compressed datastream must ultimately appear on external storage as a sequence of 8-bit bytes if it is to conform to the standard. This may pose a problem on machines where char is wider than 8 bits. The library represents compressed data as an array of values of typedef JOCTET. If no data type exactly 8 bits wide is available, custom data source and data destination modules must be written to unpack and pack the chosen JOCTET datatype into 8-bit external representation.

*** System overview ***

The compressor and decompressor are each divided into two main sections: the JPEG compressor or decompressor proper, and the preprocessing or postprocessing functions. The interface between these two sections is the image data that the official JPEG spec regards as its input or output: this data is in the colorspace to be used for compression, and it is downsampled to the sampling factors to be used. The preprocessing and postprocessing steps are responsible for converting a normal image representation to or from this form. (Those few applications that want to deal with YCbCr downsampled data can skip the preprocessing or postprocessing step.)

Looking more closely, the compressor library contains the following main elements:

Preprocessing:
* Color space conversion (e.g., RGB to YCbCr).
* Edge expansion and downsampling. Optionally, this step can do simple smoothing --- this is often helpful for low-quality source data.

JPEG proper:
* MCU assembly, DCT, quantization.
* Entropy coding (sequential or progressive, Huffman or arithmetic).

In addition to these modules we need overall control, marker generation, and support code (memory management & error handling). There is also a module responsible for physically writing the output data --- typically this is just an interface to fwrite(), but some applications may need to do something else with the data.

The decompressor library contains the following main elements:

JPEG proper:
* Entropy decoding (sequential or progressive, Huffman or arithmetic).
* Dequantization, inverse DCT, MCU disassembly.

Postprocessing:
* Upsampling. Optionally, this step may be able to do more general rescaling of the image.
* Color space conversion (e.g., YCbCr to RGB). This step may also provide gamma adjustment [ currently it does not ].
* Optional color quantization (e.g., reduction to 256 colors).
* Optional color precision reduction (e.g., 24-bit to 15-bit color).
[This feature is not currently implemented.]

We also need overall control, marker parsing, and a data source module. The support code (memory management & error handling) can be shared with the compression half of the library.

There may be several implementations of each of these elements, particularly in the decompressor, where a wide range of speed/quality tradeoffs is very useful. It must be understood that some of the best speedups involve merging adjacent steps in the pipeline. For example, upsampling, color space conversion, and color quantization might all be done at once when using a low-quality ordered-dither technique. The system architecture is designed to allow such merging where appropriate.

Note: it is convenient to regard edge expansion (padding to block boundaries) as a preprocessing/postprocessing function, even though the JPEG spec includes it in compression/decompression. We do this because downsampling/upsampling can be simplified a little if they work on padded data: it's not necessary to have special cases at the right and bottom edges. Therefore the interface buffer is always an integral number of blocks wide and high, and we expect compression preprocessing to pad the source data properly. Padding will occur only to the next block (block_size-sample) boundary. In an interleaved-scan situation, additional dummy blocks may be used to fill out MCUs, but the MCU assembly and disassembly logic will create or discard these blocks internally. (This is advantageous for speed reasons, since we avoid DCTing the dummy blocks. It also permits a small reduction in file size, because the compressor can choose dummy block contents so as to minimize their size in compressed form. Finally, it makes the interface buffer specification independent of whether the file is actually interleaved or not.) Applications that wish to deal directly with the downsampled data must provide similar buffering and padding for odd-sized images.

*** Poor man's object-oriented programming ***

It should be clear by now that we have a lot of quasi-independent processing steps, many of which have several possible behaviors. To avoid cluttering the code with lots of switch statements, we use a simple form of object-style programming to separate out the different possibilities.
For example, two different color quantization algorithms could be implemented as two separate modules that present the same external interface; at runtime, the calling code will access the proper module indirectly through an "object".

We can get the limited features we need while staying within portable C. The basic tool is a function pointer. An "object" is just a struct containing one or more function pointer fields, each of which corresponds to a method name in real object-oriented languages. During initialization we fill in the function pointers with references to whichever module we have determined we need to use in this run. Then invocation of the module is done by indirecting through a function pointer; on most machines this is no more expensive than a switch statement, which would be the only other way of making the required run-time choice. The really significant benefit, of course, is keeping the source code clean and well structured.

We can also arrange to have private storage that varies between different implementations of the same kind of object. We do this by making all the module-specific object structs be separately allocated entities, which will be accessed via pointers in the master compression or decompression struct. The "public" fields or methods for a given kind of object are specified by a commonly known struct. But a module's initialization code can allocate a larger struct that contains the common struct as its first member, plus additional private fields. With appropriate pointer casting, the module's internal functions can access these private fields. (For a simple example, see jdatastd.c, which implements the external interface specified by struct jpeg_destination_mgr, but adds extra fields.)

(Of course this would all be a lot easier if we were using C++, but we are not yet prepared to assume that everyone has a C++ compiler.)

An important benefit of this scheme is that it is easy to provide multiple versions of any method, each tuned to a particular case. While a lot of precalculation might be done to select an optimal implementation of a method, the cost per invocation is constant. For example, the upsampling step might have a "generic" method, plus one or more "hardwired" methods for the most popular sampling factors; the hardwired methods would be faster because they'd use straight-line code instead of for-loops. The cost to determine which method to use is paid only once, at startup, and the selection criteria are hidden from the callers of the method.

This plan differs a little bit from usual object-oriented structures, in that only one instance of each object class will exist during execution. The reason for having the class structure is that on different runs we may create different instances (choose to execute different modules). You can think of the term "method" as denoting the common interface presented by a particular set of interchangeable functions, and "object" as denoting a group of related methods, or the total shared interface behavior of a group of modules.
Overall control structure

We previously mentioned the need for overall control logic in the compression and decompression libraries. In IJG implementations prior to v5, overall control was mostly provided by "pipeline control" modules, which proved to be large, unwieldy, and hard to understand. To improve the situation, the control logic has been subdivided into multiple modules. The control modules consist of:

1. Master control for module selection and initialization. This has two responsibilities:
   
   1A. Startup initialization at the beginning of image processing.
   The individual processing modules to be used in this run are selected and given initialization calls.

   1B. Per-pass control. This determines how many passes will be performed and calls each active processing module to configure itself appropriately at the beginning of each pass. End-of-pass processing, where necessary, is also invoked from the master control module.

   Method selection is partially distributed, in that a particular processing module may contain several possible implementations of a particular method, which it will select among when given its initialization call. The master control code need only be concerned with decisions that affect more than one module.

2. Data buffering control. A separate control module exists for each inter-processing-step data buffer. This module is responsible for invoking the processing steps that write or read that data buffer.

Each buffer controller sees the world as follows:

input data => processing step A => buffer => processing step B => output data
           |        |                  |
----------- controller ---------------

The controller knows the dataflow requirements of steps A and B: how much data they want to accept in one chunk and how much they output in one chunk. Its function is to manage its buffer and call A and B at the proper times.

A data buffer control module may itself be viewed as a processing step by a higher-level control module; thus the control modules form a binary tree with elementary processing steps at the leaves of the tree.

The control modules are objects. A considerable amount of flexibility can
be had by replacing implementations of a control module. For example:
* Merging of adjacent steps in the pipeline is done by replacing a control module and its pair of processing-step modules with a single processing-step module. (Hence the possible merges are determined by the tree of control modules.)
* In some processing modes, a given interstep buffer need only be a "strip" buffer large enough to accommodate the desired data chunk sizes. In other modes, a full-image buffer is needed and several passes are required. The control module determines which kind of buffer is used and manipulates virtual array buffers as needed. One or both processing steps may be unaware of the multi-pass behavior.

In theory, we might be able to make all of the data buffer controllers interchangeable and provide just one set of implementations for all. In practice, each one contains considerable special-case processing for its particular job. The buffer controller concept should be regarded as an overall system structuring principle, not as a complete description of the task performed by any one controller.

*** Compression object structure ***

Here is a sketch of the logical structure of the JPEG compression library:

```
|-- Colorspace conversion
    |-- Preprocessing controller --|
        |-- Downsampling
Main controller --|
        |-- Forward DCT, quantize
        |-- Coefficient controller --|
                |-- Entropy encoding
```

This sketch also describes the flow of control (subroutine calls) during typical image data processing. Each of the components shown in the diagram is an "object" which may have several different implementations available. One or more source code files contain the actual implementation(s) of each object.

The objects shown above are:
* Main controller: buffer controller for the subsampled-data buffer, which holds the preprocessed input data. This controller invokes preprocessing to fill the subsampled-data buffer, and JPEG compression to empty it. There is usually no need for a full-image buffer here; a strip buffer is adequate.

* Preprocessing controller: buffer controller for the downsampling input data buffer, which lies between colorspace conversion and downsampling. Note that a unified conversion/downsampling module would probably replace this controller entirely.
* Colorspace conversion: converts application image data into the desired JPEG color space; also changes the data from pixel-interleaved layout to separate component planes. Processes one pixel row at a time.

* Downsampling: performs reduction of chroma components as required. Optionally may perform pixel-level smoothing as well. Processes a "row group" at a time, where a row group is defined as Vmax pixel rows of each component before downsampling, and Vk sample rows afterwards (remember Vk differs across components). Some downsampling or smoothing algorithms may require context rows above and below the current row group; the preprocessing controller is responsible for supplying these rows via proper buffering. The downsampler is responsible for edge expansion at the right edge (i.e., extending each sample row to a multiple of block_size samples); but the preprocessing controller is responsible for vertical edge expansion (i.e., duplicating the bottom sample row as needed to make a multiple of block_size rows).

* Coefficient controller: buffer controller for the DCT-coefficient data. This controller handles MCU assembly, including insertion of dummy DCT blocks when needed at the right or bottom edge. When performing Huffman-code optimization or emitting a multiscan JPEG file, this controller is responsible for buffering the full image. The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the JPEG file is noninterleaved.

* Forward DCT and quantization: Perform DCT, quantize, and emit coefficients. Works on one or more DCT blocks at a time. (Note: the coefficients are now emitted in normal array order, which the entropy encoder is expected to convert to zigzag order as necessary. Prior versions of the IJG code did the conversion to zigzag order within the quantization step.)

* Entropy encoding: Perform Huffman or arithmetic entropy coding and emit the coded data to the data destination module. Works on one MCU per call. For progressive JPEG, the same DCT blocks are fed to the entropy coder during each pass, and the coder must emit the appropriate subset of coefficients.

In addition to the above objects, the compression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules.

* Marker writing: generates JPEG markers (except for RSTn, which is emitted by the entropy encoder when needed).

* Data destination manager: writes the output JPEG datastream to its final
destination (e.g., a file). The destination manager supplied with the library knows how to write to a stdio stream or to a memory buffer; for other behaviors, the surrounding application may provide its own destination manager.

* Memory manager: allocates and releases memory, controls virtual arrays (with backing store management, where required).

* Error handler: performs formatting and output of error and trace messages; determines handling of nonfatal errors. The surrounding application may override some or all of this object's methods to change error handling.

* Progress monitor: supports output of "percent-done" progress reports. This object represents an optional callback to the surrounding application: if wanted, it must be supplied by the application.

The error handler, destination manager, and progress monitor objects are defined as separate objects in order to simplify application-specific customization of the JPEG library. A surrounding application may override individual methods or supply its own all-new implementation of one of these objects. The object interfaces for these objects are therefore treated as part of the application interface of the library, whereas the other objects are internal to the library.

The error handler and memory manager are shared by JPEG compression and decompression; the progress monitor, if used, may be shared as well.

*** Decompression object structure ***

Here is a sketch of the logical structure of the JPEG decompression library:

```
|-- Entropy decoding
  |-- Coefficient controller --|
  |                           |-- Dequantize, Inverse DCT
Main controller --|
  |                   |-- Upsampling
  |-- Postprocessing controller --|  |-- Colorspace conversion
  |                                |-- Color quantization
  |                                |-- Color precision reduction
```

As before, this diagram also represents typical control flow. The objects shown are:

* Main controller: buffer controller for the subsampled-data buffer, which holds the output of JPEG decompression proper. This controller's primary task is to feed the postprocessing procedure. Some upsampling algorithms may require context rows above and below the current row group; when this
is true, the main controller is responsible for managing its buffer so as to make context rows available. In the current design, the main buffer is always a strip buffer; a full-image buffer is never required.

* Coefficient controller: buffer controller for the DCT-coefficient data. This controller handles MCU disassembly, including deletion of any dummy DCT blocks at the right or bottom edge. When reading a multiscan JPEG file, this controller is responsible for buffering the full image. (Buffering DCT coefficients, rather than samples, is necessary to support progressive JPEG.) The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the source JPEG file is noninterleaved.

* Entropy decoding: Read coded data from the data source module and perform Huffman or arithmetic entropy decoding. Works on one MCU per call. For progressive JPEG decoding, the coefficient controller supplies the prior coefficients of each MCU (initially all zeroes), which the entropy decoder modifies in each scan.

* Dequantization and inverse DCT: like it says. Note that the coefficients buffered by the coefficient controller have NOT been dequantized; we merge dequantization and inverse DCT into a single step for speed reasons. When scaled-down output is asked for, simplified DCT algorithms may be used that need fewer coefficients and emit fewer samples per DCT block, not the full 8x8. Works on one DCT block at a time.

* Postprocessing controller: buffer controller for the color quantization input buffer, when quantization is in use. (Without quantization, this controller just calls the upsampler.) For two-pass quantization, this controller is responsible for buffering the full-image data.

* Upsampling: restores chroma components to full size. (May support more general output rescaling, too. Note that if undersized DCT outputs have been emitted by the DCT module, this module must adjust so that properly sized outputs are created.) Works on one row group at a time. This module also calls the color conversion module, so its top level is effectively a buffer controller for the upsampling->color conversion buffer. However, in all but the highest-quality operating modes, upsampling and color conversion are likely to be merged into a single step.

* Colorspace conversion: convert from JPEG color space to output color space, and change data layout from separate component planes to pixel-interleaved. Works on one pixel row at a time.

* Color quantization: reduce the data to colormapped form, using either an externally specified colormap or an internally generated one. This module is not used for full-color output. Works on one pixel row at a time; may require two passes to generate a color map. Note that the output will
always be a single component representing colormap indexes. In the current
design, the output values are JSAMPLEs, so an 8-bit compilation cannot
quantize to more than 256 colors. This is unlikely to be a problem in
practice.

* Color reduction: this module handles color precision reduction, e.g.,
generating 15-bit color (5 bits/primary) from JPEG's 24-bit output.
Not quite clear yet how this should be handled... should we merge it with
colorspace conversion???

Note that some high-speed operating modes might condense the entire
postprocessing sequence to a single module (upsample, color convert, and
quantize in one step).

In addition to the above objects, the decompression library includes these
objects:

* Master control: determines the number of passes required, controls overall
and per-pass initialization of the other modules. This is subdivided into
input and output control: jdinput.c controls only input-side processing,
while jdmaster.c handles overall initialization and output-side control.

* Marker reading: decodes JPEG markers (except for RSTn).

* Data source manager: supplies the input JPEG datastream. The source
manager supplied with the library knows how to read from a stdio stream
or from a memory buffer; for other behaviors, the surrounding application
may provide its own source manager.

* Memory manager: same as for compression library.

* Error handler: same as for compression library.

* Progress monitor: same as for compression library.

As with compression, the data source manager, error handler, and progress
monitor are candidates for replacement by a surrounding application.

*** Decompression input and output separation ***

To support efficient incremental display of progressive JPEG files, the
decompressor is divided into two sections that can run independently:

1. Data input includes marker parsing, entropy decoding, and input into the
coefficient controller's DCT coefficient buffer. Note that this
processing is relatively cheap and fast.
2. Data output reads from the DCT coefficient buffer and performs the IDCT and all postprocessing steps.

For a progressive JPEG file, the data input processing is allowed to get arbitrarily far ahead of the data output processing. (This occurs only if the application calls jpeg_consume_input(); otherwise input and output run in lockstep, since the input section is called only when the output section needs more data.) In this way the application can avoid making extra display passes when data is arriving faster than the display pass can run. Furthermore, it is possible to abort an output pass without losing anything, since the coefficient buffer is read-only as far as the output section is concerned. See libjpeg.txt for more detail.

A full-image coefficient array is only created if the JPEG file has multiple scans (or if the application specifies buffered-image mode anyway). When reading a single-scan file, the coefficient controller normally creates only a one-MCU buffer, so input and output processing must run in lockstep in this case. jpeg_consume_input() is effectively a no-op in this situation.

The main impact of dividing the decompressor in this fashion is that we must be very careful with shared variables in the cinfo data structure. Each variable that can change during the course of decompression must be classified as belonging to data input or data output, and each section must look only at its own variables. For example, the data output section may not depend on any of the variables that describe the current scan in the JPEG file, because these may change as the data input section advances into a new scan.

The progress monitor is (somewhat arbitrarily) defined to treat input of the file as one pass when buffered-image mode is not used, and to ignore data input work completely when buffered-image mode is used. Note that the library has no reliable way to predict the number of passes when dealing with a progressive JPEG file, nor can it predict the number of output passes in buffered-image mode. So the work estimate is inherently bogus anyway.

No comparable division is currently made in the compression library, because there isn't any real need for it.

*** Data formats ***

Arrays of pixel sample values use the following data structure:

typedef something JSAMPLE; a pixel component value, 0..MAXJSAMPLE
typedef JSAMPLE *JSAMPROW; ptr to a row of samples
typedef JSAMPROW *JSAMPARRAY; ptr to a list of rows
typedef JSAMPARRAY *JSAMPIMAGE; ptr to a list of color-component arrays
The basic element type JSAMPLE will typically be one of unsigned char, (signed) char, or short. Short will be used if samples wider than 8 bits are to be supported (this is a compile-time option). Otherwise, unsigned char is used if possible. If the compiler only supports signed chars, then it is necessary to mask off the value when reading. Thus, all reads of JSAMPLE values must be coded as "GETJSAMPLE(value)", where the macro will be defined as "((value) & 0xFF)" on signed-char machines and "((int) (value))" elsewhere.

With these conventions, JSAMPLE values can be assumed to be >= 0. This helps simplify correct rounding during downsampling, etc. The JPEG standard's specification that sample values run from -128..127 is accommodated by subtracting 128 from the sample value in the DCT step. Similarly, during decompression the output of the IDCT step will be immediately shifted back to 0..255. (NB: different values are required when 12-bit samples are in use. The code is written in terms of MAXJSAMPLE and CENTERJSAMPLE, which will be defined as 255 and 128 respectively in an 8-bit implementation, and as 4095 and 2048 in a 12-bit implementation.)

We use a pointer per row, rather than a two-dimensional JSAMPLE array. This choice costs only a small amount of memory and has several benefits:

* Code using the data structure doesn't need to know the allocated width of the rows. This simplifies edge expansion/compression, since we can work in an array that's wider than the logical picture width.
* Indexing doesn't require multiplication; this is a performance win on many machines.
* Arrays with more than 64K total elements can be supported even on machines where malloc() cannot allocate chunks larger than 64K.
* The rows forming a component array may be allocated at different times without extra copying. This trick allows some speedups in smoothing steps that need access to the previous and next rows.

Note that each color component is stored in a separate array; we don't use the traditional layout in which the components of a pixel are stored together. This simplifies coding of modules that work on each component independently, because they don't need to know how many components there are. Furthermore, we can read or write each component to a temporary file independently, which is helpful when dealing with noninterleaved JPEG files.

In general, a specific sample value is accessed by code such as
GETJSAMPLE(image[colorcomponent][row][col])
where col is measured from the image left edge, but row is measured from the first sample row currently in memory. Either of the first two indexings can be precomputed by copying the relevant pointer.

Since most image-processing applications prefer to work on images in which the components of a pixel are stored together, the data passed to or from the surrounding application uses the traditional convention: a single pixel is
represented by \( N \) consecutive \texttt{JSAMPLE} values, and an image row is an array of 
\((\text{# of color components}) \times \text{(image width)}) \texttt{JSAMPLEs}. One or more rows of data can 
be represented by a pointer of type \texttt{JSAMPARRAY} in this scheme. This scheme is 
converted to component-wise storage inside the JPEG library. (Applications 
that want to skip JPEG preprocessing or postprocessing will have to contend 
with component-wise storage.)

Arrays of DCT-coefficient values use the following data structure:

```c
typedef short JCOEF; // a 16-bit signed integer
typedef JCOEF JBLOCK[DCTSIZE2]; // an 8x8 block of coefficients
typedef JBLOCK *JBLOCKROW; // ptr to one horizontal row of 8x8 blocks
typedef JBLOCKROW *JBLOCKARRAY; // ptr to a list of such rows
typedef JBLOCKARRAY *JBLOCKIMAGE; // ptr to a list of color component arrays
```

The underlying type is at least a 16-bit signed integer; while "short" is big 
enough on all machines of interest, on some machines it is preferable to use 
"int" for speed reasons, despite the storage cost. Coefficients are grouped 
into 8x8 blocks (but we always use \#defines \texttt{DCTSIZE} and \texttt{DCTSIZE2} rather than 
"8" and "64").

The contents of a coefficient block may be in either "natural" or zigzagged 
order, and may be true values or divided by the quantization coefficients, 
depending on where the block is in the processing pipeline. In the current 
library, coefficient blocks are kept in natural order everywhere; the entropy 
codes zigzag or dezigzag the data as it is written or read. The blocks 
contain quantized coefficients everywhere outside the DCT/IDCT subsystems. 
(This latter decision may need to be revisited to support variable 
quantization a la JPEG Part 3.)

Notice that the allocation unit is now a row of 8x8 coefficient blocks, 
corresponding to block\_size rows of samples. Otherwise the structure 
is much the same as for samples, and for the same reasons.

On machines where \texttt{malloc()} can't handle a request bigger than 64Kb, this data 
structure limits us to rows of less than 512 \texttt{JBLOCK}s, or a picture width of 
4000+ pixels. This seems an acceptable restriction.

On 80x86 machines, the bottom-level pointer types (\texttt{JSAMPROW} and \texttt{JBLOCKROW}) 
must be declared as "far" pointers, but the upper levels can be "near" 
(implying that the pointer lists are allocated in the DS segment).

We use a \#define symbol \texttt{FAR}, which expands to the "far" keyword when 
compiling on 80x86 machines and to nothing elsewhere.

*** Suspendable processing ***
In some applications it is desirable to use the JPEG library as an incremental, memory-to-memory filter. In this situation the data source or destination may be a limited-size buffer, and we can't rely on being able to empty or refill the buffer at arbitrary times. Instead the application would like to have control return from the library at buffer overflow/underrun, and then resume compression or decompression at a later time.

This scenario is supported for simple cases. (For anything more complex, we recommend that the application "bite the bullet" and develop real multitasking capability.) The libjpeg.txt file goes into more detail about the usage and limitations of this capability; here we address the implications for library structure.

The essence of the problem is that the entropy codec (coder or decoder) must be prepared to stop at arbitrary times. In turn, the controllers that call the entropy codec must be able to stop before having produced or consumed all the data that they normally would handle in one call. That part is reasonably straightforward: we make the controller call interfaces include "progress counters" which indicate the number of data chunks successfully processed, and we require callers to test the counter rather than just assume all of the data was processed.

Rather than trying to restart at an arbitrary point, the current Huffman codecs are designed to restart at the beginning of the current MCU after a suspension due to buffer overflow/underrun. At the start of each call, the codec’s internal state is loaded from permanent storage (in the JPEG object structures) into local variables. On successful completion of the MCU, the permanent state is updated. (This copying is not very expensive, and may even lead to *improved* performance if the local variables can be registerized.) If a suspension occurs, the codec simply returns without updating the state, thus effectively reverting to the start of the MCU. Note that this implies leaving some data unprocessed in the source/destination buffer (ie, the compressed partial MCU). The data source/destination module interfaces are specified so as to make this possible. This also implies that the data buffer must be large enough to hold a worst-case compressed MCU; a couple thousand bytes should be enough.

In a successive-approximation AC refinement scan, the progressive Huffman decoder has to be able to undo assignments of newly nonzero coefficients if it suspends before the MCU is complete, since decoding requires distinguishing previously-zero and previously-nonzero coefficients. This is a bit tedious but probably won't have much effect on performance. Other variants of Huffman decoding need not worry about this, since they will just store the same values again if forced to repeat the MCU.

This approach would probably not work for an arithmetic codec, since its modifiable state is quite large and couldn’t be copied cheaply. Instead it
would have to suspend and resume exactly at the point of the buffer end.

The JPEG marker reader is designed to cope with suspension at an arbitrary point. It does so by backing up to the start of the marker parameter segment, so the data buffer must be big enough to hold the largest marker of interest. Again, a couple KB should be adequate. (A special "skip" convention is used to bypass COM and APPn markers, so these can be larger than the buffer size without causing problems; otherwise a 64K buffer would be needed in the worst case.)

The JPEG marker writer currently does *not* cope with suspension. We feel that this is not necessary; it is much easier simply to require the application to ensure there is enough buffer space before starting. (An empty 2K buffer is more than sufficient for the header markers; and ensuring there are a dozen or two bytes available before calling jpeg_finish_compress() will suffice for the trailer.) This would not work for writing multi-scan JPEG files, but we simply do not intend to support that capability with suspension.

*** Memory manager services ***

The JPEG library's memory manager controls allocation and deallocation of memory, and it manages large "virtual" data arrays on machines where the operating system does not provide virtual memory. Note that the same memory manager serves both compression and decompression operations.

In all cases, allocated objects are tied to a particular compression or decompression master record, and they will be released when that master record is destroyed.

The memory manager does not provide explicit deallocation of objects. Instead, objects are created in "pools" of free storage, and a whole pool can be freed at once. This approach helps prevent storage-leak bugs, and it speeds up operations whenever malloc/free are slow (as they often are). The pools can be regarded as lifetime identifiers for objects. Two pools/lifetimes are defined:

* JPOOL_PERMANENT lasts until master record is destroyed
* JPOOL_IMAGE lasts until done with image (JPEG datastream)

Permanent lifetime is used for parameters and tables that should be carried across from one datastream to another; this includes all application-visible parameters. Image lifetime is used for everything else. (A third lifetime, JPOOL_PASS = one processing pass, was originally planned. However it was dropped as not being worthwhile. The actual usage patterns are such that the peak memory usage would be about the same anyway; and having per-pass storage substantially complicates the virtual memory allocation rules --- see below.)

The memory manager deals with three kinds of object:
1. "Small" objects. Typically these require no more than 10K-20K total.
2. "Large" objects. These may require tens to hundreds of K depending on image size. Semantically they behave the same as small objects, but we distinguish them for two reasons:
   * On MS-DOS machines, large objects are referenced by FAR pointers, small objects by NEAR pointers.
   * Pool allocation heuristics may differ for large and small objects.
   Note that individual "large" objects cannot exceed the size allowed by type size_t, which may be 64K or less on some machines.
3. "Virtual" objects. These are large 2-D arrays of JSAMPLEs or JBLOCKs (typically large enough for the entire image being processed). The memory manager provides stripwise access to these arrays. On machines without virtual memory, the rest of the array may be swapped out to a temporary file.

(Note: JSAMPARRAY and JBLOCKARRAY data structures are a combination of large objects for the data proper and small objects for the row pointers. For convenience and speed, the memory manager provides single routines to create these structures. Similarly, virtual arrays include a small control block and a JSAMPARRAY or JBLOCKARRAY working buffer, all created with one call.)

In the present implementation, virtual arrays are only permitted to have image lifespan. (Permanent lifespan would not be reasonable, and pass lifespan is not very useful since a virtual array's raison d'être is to store data for multiple passes through the image.) We also expect that only "small" objects will be given permanent lifespan, though this restriction is not required by the memory manager.

In a non-virtual-memory machine, some performance benefit can be gained by making the in-memory buffers for virtual arrays be as large as possible. (For small images, the buffers might fit entirely in memory, so blind swapping would be very wasteful.) The memory manager will adjust the height of the buffers to fit within a prespecified maximum memory usage. In order to do this in a reasonably optimal fashion, the manager needs to allocate all of the virtual arrays at once. Therefore, there isn't a one-step allocation routine for virtual arrays; instead, there is a "request" routine that simply allocates the control block, and a "realize" routine (called just once) that determines space allocation and creates all of the actual buffers. The realize routine must allow for space occupied by non-virtual large objects. (We don't bother to factor in the space needed for small objects, on the grounds that it isn't worth the trouble.)

To support all this, we establish the following protocol for doing business with the memory manager:
1. Modules must request virtual arrays (which may have only image lifespan) during the initial setup phase, i.e., in their jinit_xxx routines.
2. All "large" objects (including JSAMPARRAYs and JBLOCKARRAYs) must also be allocated during initial setup.
3. realize_virt_arrays will be called at the completion of initial setup.

The above conventions ensure that sufficient information is available for it to choose a good size for virtual array buffers. Small objects of any lifespan may be allocated at any time. We expect that the total space used for small objects will be small enough to be negligible in the realize_virt_arrays computation.

In a virtual-memory machine, we simply pretend that the available space is infinite, thus causing realize_virt_arrays to decide that it can allocate all the virtual arrays as full-size in-memory buffers. The overhead of the virtual-array access protocol is very small when no swapping occurs.

A virtual array can be specified to be "pre-zeroed"; when this flag is set, never-yet-written sections of the array are set to zero before being made available to the caller. If this flag is not set, never-written sections of the array contain garbage. (This feature exists primarily because the equivalent logic would otherwise be needed in jdcoeftct.c for progressive JPEG mode; we may as well make it available for possible other uses.)

The first write pass on a virtual array is required to occur in top-to-bottom order; read passes, as well as any write passes after the first one, may access the array in any order. This restriction exists partly to simplify the virtual array control logic, and partly because some file systems may not support seeking beyond the current end-of-file in a temporary file. The main implication of this restriction is that rearrangement of rows (such as converting top-to-bottom data order to bottom-to-top) must be handled while reading data out of the virtual array, not while putting it in.

*** Memory manager internal structure ***

To isolate system dependencies as much as possible, we have broken the memory manager into two parts. There is a reasonably system-independent "front end" (jmemmgr.c) and a "back end" that contains only the code likely to change across systems. All of the memory management methods outlined above are implemented by the front end. The back end provides the following routines for use by the front end (none of these routines are known to the rest of the JPEG code):

- jpeg_mem_init, jpeg_mem_term: system-dependent initialization/shutdown
- jpeg_get_small, jpeg_free_small: interface to malloc and free library routines (or their equivalents)
- jpeg_get_large, jpeg_free_large: interface to FAR malloc/free in MSDOS machines; else usually the same as
  jpeg_get_small/jpeg_free_small
jpeg_mem_available  estimate available memory

jpeg_open_backing_store  create a backing-store object

read_backing_store, manipulate a backing-store object
write_backing_store,
close_backing_store

On some systems there will be more than one type of backing-store object (specifically, in MS-DOS a backing store file might be an area of extended memory as well as a disk file). jpeg_open_backing_store is responsible for choosing how to implement a given object. The read/write/close routines are method pointers in the structure that describes a given object; this lets them be different for different object types.

It may be necessary to ensure that backing store objects are explicitly released upon abnormal program termination. For example, MS-DOS won't free extended memory by itself. To support this, we will expect the main program or surrounding application to arrange to call self_destruct (typically via jpeg_destroy) upon abnormal termination. This may require a SIGINT signal handler or equivalent. We don't want to have the back end module install its own signal handler, because that would pre-empt the surrounding application's ability to control signal handling.

The IJG distribution includes several memory manager back end implementations. Usually the same back end should be suitable for all applications on a given system, but it is possible for an application to supply its own back end at need.

*** Implications of DNL marker ***

Some JPEG files may use a DNL marker to postpone definition of the image height (this would be useful for a fax-like scanner's output, for instance). In these files the SOF marker claims the image height is 0, and you only find out the true image height at the end of the first scan.

We could read these files as follows:
1. Upon seeing zero image height, replace it by 65535 (the maximum allowed).
2. When the DNL is found, update the image height in the global image descriptor.
This implies that control modules must avoid making copies of the image height, and must re-test for termination after each MCU row. This would be easy enough to do.

In cases where image-size data structures are allocated, this approach will result in very inefficient use of virtual memory or much-larger-than-necessary temporary files. This seems acceptable for something that probably won't be a
mainstream usage. People might have to forgo use of memory-hogging options (such as two-pass color quantization or noninterleaved JPEG files) if they want efficient conversion of such files. (One could improve efficiency by demanding a user-supplied upper bound for the height, less than 65536; in most cases it could be much less.)

The standard also permits the SOF marker to overestimate the image height, with a DNL to give the true, smaller height at the end of the first scan. This would solve the space problems if the overestimate wasn't too great. However, it implies that you don't even know whether DNL will be used.

This leads to a couple of very serious objections:
1. Testing for a DNL marker must occur in the inner loop of the decompressor's Huffman decoder; this implies a speed penalty whether the feature is used or not.
2. There is no way to hide the last-minute change in image height from an application using the decoder. Thus *every* application using the IJG library would suffer a complexity penalty whether it cared about DNL or not.

We currently do not support DNL because of these problems.

A different approach is to insist that DNL-using files be preprocessed by a separate program that reads ahead to the DNL, then goes back and fixes the SOF marker. This is a much simpler solution and is probably far more efficient. Even if one wants piped input, buffering the first scan of the JPEG file needs a lot smaller temp file than is implied by the maximum-height method. For this approach we'd simply treat DNL as a no-op in the decompressor (at most, check that it matches the SOF image height).

We will not worry about making the compressor capable of outputting DNL. Something similar to the first scheme above could be applied if anyone ever wants to make that work.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/structure.txt

No license file was found, but licenses were detected in source scan.

/*
 * jcsample.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains downsampling routines.
 *
 * Downsampling input data is counted in "row groups". A row group

* is defined to be max_v_samp_factor pixel rows of each component,
* from which the downsampler produces v_samp_factor sample rows.
* A single row group is processed in each call to the downsampler module.
*
* The downsampler is responsible for edge-expansion of its output data
* to fill an integral number of DCT blocks horizontally. The source buffer
* may be modified if it is helpful for this purpose (the source buffer is
* allocated wide enough to correspond to the desired output width).
* The caller (the prep controller) is responsible for vertical padding.
*
* The downsampler may request "context rows" by setting need_context_rows
* during startup. In this case, the input arrays will contain at least
* one row group's worth of pixels above and below the passed-in data;
* the caller will create dummy rows at image top and bottom by replicating
* the first or last real pixel row.
*
* An excellent reference for image resampling is
*
* The downsampling algorithm used here is a simple average of the source
* pixels covered by the output pixel. The hi-falutin sampling literature
* refers to this as a "box filter". In general the characteristics of a box
* filter are not very good, but for the specific cases we normally use (1:1
* and 2:1 ratios) the box is equivalent to a "triangle filter" which is not
* nearly so bad. If you intend to use other sampling ratios, you'd be well
* advised to improve this code.
*
* A simple input-smoothing capability is provided. This is mainly intended
* for cleaning up color-dithered GIF input files (if you find it inadequate,
* we suggest using an external filtering program such as pnmcconvol). When
* enabled, each input pixel P is replaced by a weighted sum of itself and its
* eight neighbors. P's weight is 1-8*SF and each neighbor's weight is SF,
* where SF = (smoothing_factor / 1024).
* Currently, smoothing is only supported for 2h2v sampling factors.
*/

Found in path(s):
* /opt/cola/permits/110583619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jcsample.c
No license file was found, but licenses were detected in source scan.

/*
* rdbmp.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2009-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains routines to read input images in Microsoft "BMP" format (MS Windows 3.x, OS/2 1.x, and OS/2 2.x flavors).
* Currently, only 8-bit and 24-bit images are supported, not 1-bit or 4-bit (feeding such low-depth images into JPEG would be silly anyway).
* Also, we don't support RLE-compressed files.
* These routines may need modification for non-Unix environments or specialized applications. As they stand, they assume input from an ordinary stdio stream. They further assume that reading begins at the start of the file; start_input may need work if the user interface has already read some data (e.g., to determine that the file is indeed BMP format).
* This code contributed by James Arthur Boucher.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/rdbmp.c
No license file was found, but licenses were detected in source scan.

/*
 * cdjpeg.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains common declarations for the sample applications
 * cjpeg and djpeg. It is NOT used by the core JPEG library.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/cdjpeg.h
No license file was found, but licenses were detected in source scan.

/*
 * jmemdos.c
 *
 * Copyright (C) 1992-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file provides an MS-DOS-compatible implementation of the system-dependent portion of the JPEG memory manager. Temporary data can be
* stored in extended or expanded memory as well as in regular DOS files.
*
* If you use this file, you must be sure that NEED_FAR_POINTERS is defined
* if you compile in a small-data memory model; it should NOT be defined if
* you use a large-data memory model. This file is not recommended if you
* are using a flat-memory-space 386 environment such as DJGCC or Watcom C.
* Also, this code will NOT work if struct fields are aligned on greater than
* 2-byte boundaries.
*
* Based on code contributed by Ge' Weijers.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemdos.c
No license file was found, but licenses were detected in source scan.

/*
 * wrgif.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * *
 * This file contains routines to write output images in GIF format.
 *
**************************************************************************
 * NOTE: to avoid entanglements with Unisys' patent on LZW compression, *
 * this code has been modified to output "uncompressed GIF" files.        *
 * There is no trace of the LZW algorithm in this file.                 *
**************************************************************************
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 */
/*
 * This code is loosely based on ppmto gif from the PBMPLUS distribution
 * of Feb. 1991. That file contains the following copyright notice:
 * Based on GIFENCOD E by David Rowley <mgardi@watdscu.waterloo.edu>.  
 * Lempel-Ziv compression based on "compress" by Spencer W. Thomas et al.
 * Copyright (C) 1989 by Jef Poskanzer.
 * Permission to use, copy, modify, and distribute this software and its
 * documentation for any purpose and without fee is hereby granted, provided
 * that the above copyright notice appear in all copies and that both that
 * copyright notice and this permission notice appear in supporting
 * documentation. This software is provided "as is" without express or
 * implied warranty.
We are also required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrgif.c
No license file was found, but licenses were detected in source scan.

*/
* jdapimin.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
* Modified 2009-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains application interface code for the decompression half
* of the JPEG library. These are the "minimum" API routines that may be
* needed in either the normal full-decompression case or the
* transcoding-only case.
*
* Most of the routines intended to be called directly by an application
* are in this file or in jdapistd.c. But also see jcomapi.c for routines
* shared by compression and decompression, and jdtrans.c for the transcoding
* case.
* /

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdapimin.c
No license file was found, but licenses were detected in source scan.

*/
* jcoefct.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the coefficient buffer controller for compression.
* This controller is the top level of the JPEG compressor proper.
* The coefficient buffer lies between forward-DCT and entropy encoding steps.
*/


Found in path(s):
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 *
 * This file contains application interface code for the compression half
 * of the JPEG library. These are the "minimum" API routines that may be
 * needed in either the normal full-compression case or the transcoding-only
 * case.
 *
 * Most of the routines intended to be called directly by an application
 * are in this file or in jcapistd.c. But also see jcparam.c for
 * parameter-setup helper routines, jcomapi.c for routines shared by
 * compression and decompression, and jctrans.c for the transcoding case.
 */

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* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcapimin.c

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 *
 * This file contains a slow-but-accurate integer implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column. Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on an algorithm described in
 * C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
 * Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
* The primary algorithm described there uses 11 multiplies and 29 adds.
* We use their alternate method with 12 multiplies and 32 adds.
* The advantage of this method is that no data path contains more than one
  * multiplication; this allows a very simple and accurate implementation in
  * scaled fixed-point arithmetic, with a minimal number of shifts.
* 
* We also provide FDCT routines with various input sample block sizes for
  * direct resolution reduction or enlargement and for direct resolving the
  * common 2x1 and 1x2 subsampling cases without additional resampling: N\times N
  * (N=1...16), 2N\times N, and Nx2N (N=1...8) pixels for one 8\times 8 output DCT block.
* 
* For N<8 we fill the remaining block coefficients with zero.
* For N>8 we apply a partial N-point FDCT on the input samples, computing
  * just the lower 8 frequency coefficients and discarding the rest.
* 
* We must scale the output coefficients of the N-point FDCT appropriately
  * to the standard 8-point FDCT level by 8/N per 1-D pass. This scaling
  * is folded into the constant multipliers (pass 2) and/or final/initial
  * shifting.
* 
* CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
  * since there would be too many additional constants to pre-calculate.
*/

Found in path(s):
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/*
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* 
* This file defines the application interface for the JPEG library.
* Most applications using the library need only include this file,
* and perhaps jerror.h if they want to know the exact error codes.
*/

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* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jpeglib.h
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* This file contains code for merged upsampling/color conversion.
*
* This file combines functions from jdsample.c and jdcolor.c; read those files first to understand what’s going on.
*
* When the chroma components are to be upsampled by simple replication (ie, box filtering), we can save some work in color conversion by calculating all the output pixels corresponding to a pair of chroma samples at one time. In the conversion equations
* \[ R = Y + K1 \times Cr \]
* \[ G = Y + K2 \times Cb + K3 \times Cr \]
* \[ B = Y + K4 \times Cb \]
* only the Y term varies among the group of pixels corresponding to a pair of chroma samples, so the rest of the terms can be calculated just once. At typical sampling ratios, this eliminates half or three-quarters of the multiplications needed for color conversion.
*
* This file currently provides implementations for the following cases:
* \( YCbCr \rightarrow RGB \) color conversion only.
* Sampling ratios of \( 2h1v \) or \( 2h2v \).
* No scaling needed at upsample time.
* Corner-aligned (non-CCIR601) sampling alignment.
* Other special cases could be added, but in most applications these are the only common cases. (For uncommon cases we fall back on the more general code in jdsample.c and jdcolor.c.)
*/

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* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdmerge.c

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*
* This file contains master control logic for the JPEG compressor.
* These routines are concerned with parameter validation, initial setup, and inter-pass control (determining the number of passes and the work to be done in each pass).
*/

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   analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
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   analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
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   analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
   analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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1.2431 jackson 2.9.6

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# Jackson JSON processor

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.2432 libxcursor 1.1.15 1.el7

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1.2433 icu 51

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## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)
## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed \"s/\$(\*\*\()\|.o:*/\1.o $@ : /g\" > $@; \
| -s $@ |\" rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed \"s/\$(\*\*\()\|.o:*/\1.o $@ : /g\" > $@; \

## Versioned libraries rules

%.SO.$(SO_TARGET_VERSION_MAJOR): %.SO.$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.SO: %.SO.$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s {*}F}.SO.$(SO_TARGET_VERSION) $@

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1.2434 slf4j 1.7.26
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Lennart Poettering, 2009

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1.2443 junit 4.12

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1.2447 nghttp2 2.5.4
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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.2453 e2fsprogs 1.42.9 16.el7

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
image:$($BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(OBJS))
$(MV) pic/$($BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'"/$($BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \n$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 */
 */
 - Unix SMB/CIFS implementation.
 + trivial database library - standalone version

 - trivial database library - private includes
 -
 - Copyright (C) Andrew Tridgell 2005
 + Copyright (C) Andrew Tridgell 1999-2005
 + Copyright (C) Jeremy Allison 2000-2006
 + Copyright (C) Paul `Rusty' Russell 2000

 ** NOTE! The following LGPL license applies to the tdb
** library. This does NOT imply that all of Samba is released
This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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*/
This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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1.2454 kerberos 1.15.1 46.el7

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```
cmd/krb5/iprop/iprop.x
```
```
cmd/krb5/iprop/iprop_hdr.h
```
```
cmd/krb5/kadmin/server/ipropd_svc.c
```
```
cmd/krb5/kproplog/kproplog.c
```
```
cmd/krb5/slave/kpropd_rpc.c
```
```
lib/gss_mechs/mech_krb5/et/kdb5_err.c
```
```
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
```
```
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
```
```
lib/krb5/kadm5/kadm_host_srv_names.c
```
```
lib/krb5/kdb/kdb_convert.c
```
```
lib/krb5/kdb/kdb_hdr.h
```
```
lib/krb5/kdb/kdb_log.c
```
```
lib/krb5/kdb/kdb_log.h
```
```
lib/libgss/g_accept_sec_context.c
```
```
lib/libgss/g_acquire_cred.c
```
```
lib/libgss/g_canon_name.c
```
```
lib/libgss/g_compare_name.c
```
```
lib/libgss/g_context_time.c
```
```
lib/libgss/g_delete_sec_context.c
```
```
lib/libgss/g_dsp_name.c
```
```
lib/libgss/g_dsp_status.c
```
```
lib/libgss/g_dup_name.c
```
```
lib/libgss/g_exp_sec_context.c
```
```
Open Source Used In Data Center Network Manager 11.5(1) 20159
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
lib/libgss/g_imp_sec_context.c
lib/libgss/g_init_sec_context.c
lib/libgss/g_initialize.c
lib/libgss/g_inquire_context.c
lib/libgss/g_inquire_cred.c
lib/libgss/g_inquire_names.c
lib/libgss/g_process_context.c
lib/libgss/g_rel_buffer.c
lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
lib/libgss/g_rel_oid_set.c
lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.2494 super-csv 2.4.0

1.2495 fribidi 1.0.2-1.el7_7.1.0atomix1

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Version 2.1, February 1999

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jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /opt/ws_local/PERMITS_SQL/1073984145_1595522779.18/0/netty-codec-http-4-1-39-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
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* /opt/cola/permits/1110676734_1606842982.45/0/netty-codec-http2-4-1-24-final-sources-
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* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/AuthenticationCipherSuitePredicate.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/ConfiguredSSLSocketFactory.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/AbstractDelegatingSSLServerSocket.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/LinkedProperties.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/Authentication.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/wildfly-elytron-ssl-1-11-2-final-sources-
ar/jar/org/wildfly/security/ssl/ProtocolSelector.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/CipherSuiteSelector.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/AbstractDelegatingSSLDelegatedSSLEngine.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/LevelCipherSuitePredicate.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/SecurityLevel.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/ConfiguredSSLContextSpi.java
* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/AbstractDelegatingSSLParameters.java
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* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources.jar/org/wildfly/security/ssl/ConfiguredSSLEngine.java

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* /opt/ws_local/PERMITS_SQL/1091710570_1600571876.2/0/wildfly-elytron-ssl-1-11-2-final-sources-jar/org/wildfly/security/ssl/SSLConfiguratorImpl.java
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1.2528 javax-persistence-api 2.2

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1.2533 api-ldap-extras-sp 1.0.0-M20

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1.2536 v8 6.8.275.32

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Tests included here are based on build output generated by the six-speed benchmark suite.

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* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/io/SelectedSelectionKeySet.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelProgressivePromise.java

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Found in path(s):
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/Internal/package-info.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/PendingBytesTracker.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-
  jar/io/netty/channel/internal/ChannelUtils.java

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 * License for the specific language governing permissions and limitations
 * under the License.
 */
/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its { @link ChannelPipeline}.  
 * 
 * [ @link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its
 * subtypes:
 * 
 * <ul>
 * <li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>
 * <li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>
 * </ul>
 * 
 * Alternatively, the following adapter classes are provided for your convenience:
 * 
 * <ul>
 * <li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
 * <li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
 * <li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>
 * </ul>
 * 
 * For more information, please refer to the documentation of each subtype.
 * 
 * <h3>The context object</h3>
 * 
 * A { @link ChannelHandlerContext} is provided with a { @link ChannelHandlerContext}
* object. A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object. Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
* 
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     <b>private boolean loggedIn;</b>
*     
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;Channel&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler();</b>
*     }
* </pre>
* Using `AttributeKey` s

Although it's recommended to use member variables to store the state of a handler, for some reason you might not want to create many handler instances. In such a case, you can use `AttributeKey` s which is provided by `ChannelHandlerContext`:

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

@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        Channel ch = ctx.channel();
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            boolean hasAuth = Boolean.TRUE.equals(attr.get())
            ch.write(fetchSecret((GetDataMessage) o));
        } else
            fail();
    }
    ...
```

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

```
public class DataServerInitializer extends ChannelInitializer<Channel> {

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

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation. If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`s multiple times without a race condition. If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

This annotation is provided for documentation purpose, just like the JCIP annotations.

Additional resources worth reading

Please refer to the `@link ChannelHandler`, and `@link ChannelPipeline` to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

Found in path(s):
`/opt/cola/permits/1110676200_1606843873.19/0/netty-transport-4-1-24-final-sources-1-jar/io/netty/channel/ChannelHandler.java`

### 1.2574 elasticsearch 2.3.3

#### 1.2574.1 Available under license:

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permissions
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*/
/**
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible
Elasticsearch
 * version.
 * </p>
 *
 * @param upgradeElasticsearchDomainRequest
 * Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a> </code> operation.
 * @return A Java Future containing the result of the UpgradeElasticsearchDomain operation returned by the
service.<br/>
 * The CompletableFuture returned by this method can be completed exceptionally with the following
 * exceptions.
 * <ul>
 * <li>BaseException An error occurred while processing the request.</li>
 * <li>ResourceNotFoundException An exception for accessing or deleting a resource that does not exist.
 * Gives http status code of 400.</li>
 * <li>ResourceAlreadyExistsException An exception for creating a resource that already exists. Gives http
 * status code of 400.</li>
 * <li>DisabledOperationException An error occurred because the client wanted to access a not supported
 * operation. Gives http status code of 409.</li>
 * <li>ValidationException An exception for missing / invalid input fields. Gives http status code of 400.</li>
 * <li>InternalException The request processing has failed because of an unknown error, exception or failure
 * (the failure is internal to the service) . Gives http status code of 500.</li>
 * <li>SdkException Base class for all exceptions that can be thrown by the SDK (both service and client).
 * Can be used for catch all scenarios.</li>
 * <li>SdkClientException If any client side error occurs such as an IO related failure, failure to get
 * credentials, etc.</li>
 * <li>ElasticsearchException Base class for all service exceptions. Unknown exceptions will be thrown as an
 * instance of this type.</li>
 * </ul>
 * @sample ElasticsearchAsyncClient.UpgradeElasticsearchDomain
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchAsyncClient.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchAsyncClient.java

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*/
/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible Elasticsearch
 * version.
 * </p>
 *
 * @param upgradeElasticsearchDomainRequest
 * Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a> </code> operation.
 * @return Result of the UpgradeElasticsearchDomain operation returned by the service.
 * @throws BaseException
 * An error occurred while processing the request.
 * @throws ResourceNotFoundException
 * An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.
 * @throws ResourceAlreadyExistsException
 * An exception for creating a resource that already exists. Gives http status code of 400.
 * @throws DisabledOperationException
 * An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.
 * @throws ValidationException
 * An exception for missing / invalid input fields. Gives http status code of 400.
 * @throws InternalException
 * The request processing has failed because of an unknown error, exception or failure (the failure is
 * internal to the service). Gives http status code of 500.
 * @throws SdkException
 * Base class for all exceptions that can be thrown by the SDK (both service and client). Can be used for
 * catch all scenarios.
 * @throws SdkClientException
 * If any client side error occurs such as an IO related failure, failure to get credentials, etc.
 * @throws ElasticsearchException
 * Base class for all service exceptions. Unknown exceptions will be thrown as an instance of this type.
 * @sample ElasticsearchClient.UpgradeElasticsearchDomain
 */
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 */

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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchClient.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClient.java

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/ListElasticsearchInstanceTypesRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/InternalException.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchVersionsIterable.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/InstanceCountLimits.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/Limits.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClientBuilder.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/AddTagsRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/ReservedElasticsearchInstanceOfferingListCopier.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/CreateElasticsearchDomainRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/CreateElasticsearchDomainResponse.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
  jar/software/amazon/awssdk/services/elasticsearch/model/EncryptionAtRestOptionsStatus.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-
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"customizationConfig": {  
"attachPayloadTraitToMember": {},  
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"renderHttpCall": true,  
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}  
}
The endpoint for configuration service requests is region-specific: es.<i>region</i>.amazonaws.com. For example, es.us-east-1.amazonaws.com. For a current list of supported regions and endpoints, see <a href="http://docs.aws.amazon.com/general/latest/gr/rande.html#elasticsearch-service-regions"/>
Regions and Endpoints</p>,

"endpointPrefix" : "es",
"fullAuthPolicyPackageName" : "software.amazon.awssdk.services",
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"fullModelPackageName" : "software.amazon.awssdk.services.elasticsearch.model",
"fullPaginatorsPackageName" : "software.amazon.awssdk.services.elasticsearch.paginators",
"fullRequestTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
"fullTransformPackageName" : "software.amazon.awssdk.services.elasticsearch.transform",
"ionProtocol" : false,
"jsonProtocol" : true,
"jsonVersion" : "1.1",
"modelPackageName" : "elasticsearch.model",
"paginatorsPackageName" : "elasticsearch.paginators",
"protocol" : "rest-json",
"requestTransformPackageName" : "elasticsearch.transform",
"requiresApiKey" : false,
"requiresIamSigners" : false,
"rootPackageName" : "software.amazon.awssdk.services",
"serviceName" : "Elasticsearch",
"signingName" : "es",
"syncBuilder" : "DefaultElasticsearchClientBuilder",
"syncBuilderInterface" : "ElasticsearchClientBuilder",
"syncClient" : "DefaultElasticsearchClient",
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"transformPackageName" : "elasticsearch.transform",
"uid" : "es-2015-01-01",
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},
"operations" : {
"AddTags" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Attaches tags to an existing Elasticsearch domain. Tags are a set of case-sensitive key value pairs. An Elasticsearch domain may have up to 10 tags. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-awsresorctagging" target="_blank"> Tagging Amazon Elasticsearch Service Domains for more information.</a></p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>"",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>"",
    "httpStatusCode" : 409
  }]
},
"AddTags" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Attaches tags to an existing Elasticsearch domain. Tags are a set of case-sensitive key value pairs. An Elasticsearch domain may have up to 10 tags. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-awsresorctagging" target="_blank"> Tagging Amazon Elasticsearch Service Domains for more information.</a></p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>"",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "LimitExceededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>"",
    "httpStatusCode" : 409
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"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
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},

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"hasBlobMemberAsPayload" : false,
"input" : {
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  "documentation" : "Container for the parameters to the <code>AddTags</code> operation. Specify the tags that you want to attach to the Elasticsearch domain."
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"paginated" : false,
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},

"syncReturnType" : "AddTagsResponse"

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  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "Cancels a scheduled service software update for an Amazon ES domain. You can only perform this operation before the <code>AutomatedUpdateDate</code> and when the <code>UpdateStatus</code> is in the <code>PENDING_UPDATE</code> state.
",
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  "exceptions" : [
    { "exceptionName" : "BaseException",
      "documentation" : "An error occurred while processing the request."",
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    },
    { "exceptionName" : "InternalException",
      "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.
",
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    },
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      "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.
",
      "httpStatusCode" : 400
    }
  ]
}
"httpStatusCode" : 409
}, {
  "exceptionName" : "ValidationException",
  "documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.",
  "httpStatusCode" : 400
}
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"hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "cancelElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : "Container for the parameters to the CancelElasticsearchServiceSoftwareUpdate operation. Specifies the name of the Elasticsearch domain that you wish to cancel a service software update on.

"simpleType" : "CancelElasticsearchServiceSoftwareUpdateRequest",
"variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateRequest"
},
"methodName" : "cancelElasticsearchServiceSoftwareUpdate",
"operationName" : "CancelElasticsearchServiceSoftwareUpdate",
"paginated" : false,
"returnType" : {
  "returnType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : "The result of a CancelElasticsearchServiceSoftwareUpdate operation. Contains the status of the update.

"simpleType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"CreateElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "Creates a new Elasticsearch domain. For more information, see Creating Elasticsearch Domains in the Amazon Elasticsearch Service Developer Guide.

"endpointTrait" : null,
"exceptions" : [ {
  "exceptionName" : "BaseException",
  "documentation" : "An error occurred while processing the request.

"httpStatusCode" : null
}, {
  "exceptionName" : "DisabledOperationException",
  "documentation" : "An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.

"httpStatusCode" : 409
}, {
  "exceptionName" : "InternalException",
  "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.

"httpStatusCode" : 500
}]
}
"httpStatusCode" : 500

}, {
  "exceptionName" : "InvalidTypeException",
  "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409.</p>",
  "httpStatusCode" : 409
}

}, {
  "exceptionName" : "LimitExceededException",
  "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
  "httpStatusCode" : 409
}

}, {
  "exceptionName" : "ResourceAlreadyExistsException",
  "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
  "httpStatusCode" : 400
}

"hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "CreateElasticsearchDomainRequest",
  "variableName" : "createElasticsearchDomainRequest",
  "variableType" : "CreateElasticsearchDomainRequest",
  "documentation" : "",
  "simpleType" : "CreateElasticsearchDomainRequest",
  "variableSetterType" : "CreateElasticsearchDomainRequest"
},
"methodName" : "createElasticsearchDomain",
"operationName" : "CreateElasticsearchDomain",
"paginated" : false,
"returnType" : {
  "returnType" : "CreateElasticsearchDomainResponse",
  "documentation" : "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status of the newly created Elasticsearch domain.</p>
"}
,,
"syncReturnType" : "CreateElasticsearchDomainResponse"
}

"DeleteElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Permanently deletes the specified Elasticsearch domain and all of its data. Once a domain is deleted, it cannot be recovered.</p>",
  "endpointTrait" : null,
  "exceptions" : [
    "exceptionName" : "BaseException",
    "httpStatusCode" : 500
  ]
}
An error occurred while processing the request.

The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.

An exception for accessing or deleting a resource that does not exist. Gives http status code of 409.

An exception for missing / invalid input fields. Gives http status code of 400.

Container for the parameters to the <code>DeleteElasticsearchDomain</code> operation. Specifies the name of the Elasticsearch domain that you want to delete.

Container for the parameters to the <code>DeleteElasticsearchDomain</code> operation. Specifies the name of the Elasticsearch domain that you want to delete.

The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of the pending deletion, or no status if the domain and all of its resources have been deleted.

Deletes the service-linked role that Elasticsearch Service uses to manage and maintain VPC domains. Role deletion will fail if any existing VPC domains use the role. You must delete any such Elasticsearch domains before deleting the role.

The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of the pending deletion, or no status if the domain and all of its resources have been deleted.

Delete the service-linked role that Elasticsearch Service uses to manage and maintain VPC domains. Role deletion will fail if any existing VPC domains use the role. You must delete any such Elasticsearch domains before deleting the role.
"documentation" : "An error occurred while processing the request."",
"httpStatusCode" : null
},

"exceptionName" : "InternalException",
"documentation" : "The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500."",
"httpStatusCode" : 500
},

"exceptionName" : "ValidationException",
"documentation" : "An exception for missing / invalid input fields. Gives http status code of 400."",
"httpStatusCode" : 400
}
]

"hasBlobMemberAsPayload" : false,

"input" : {

"variableDeclarationType" : "DeleteElasticsearchServiceRoleRequest",
"variableName" : "deleteElasticsearchServiceRoleRequest",
"variableType" : "DeleteElasticsearchServiceRoleRequest",
"documentation" : null,
"simpleType" : "DeleteElasticsearchServiceRoleRequest",
"variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
},

"methodName" : "deleteElasticsearchServiceRole",
"operationName" : "DeleteElasticsearchServiceRole",
"paginated" : false,

"returnType" : {

"returnType" : "DeleteElasticsearchServiceRoleResponse",
"documentation" : null
},

"syncReturnType" : "DeleteElasticsearchServiceRoleResponse"

"DescribeElasticsearchDomain" : {

"authenticated" : true,

"deprecated" : false,

"documentation" : "Returns domain configuration information about the specified Elasticsearch domain,
including the domain ID, domain endpoint, and domain ARN."",

"endpointTrait" : null,

"exceptions" : [ {

"exceptionName" : "BaseException",

"documentation" : "An error occurred while processing the request."",

"httpStatusCode" : null
},

"exceptionName" : "InternalException",

"documentation" : "The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500."",

"httpStatusCode" : 500
},

"exceptionName" : "ResourceNotFoundException",

"documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>
},

"httpStatusCode" : 409
],

"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
]
},
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "DescribeElasticsearchDomainRequest",
"variableName" : "describeElasticsearchDomainRequest",
"variableType" : "DescribeElasticsearchDomainRequest",
"documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomain</a></code> operation.</p>",
"simpleType" : "DescribeElasticsearchDomainRequest",
"variableSetterType" : "DescribeElasticsearchDomainRequest"
},
"methodName" : "describeElasticsearchDomain",
"operationName" : "DescribeElasticsearchDomain",
"paginated" : false,
"returnType" : {
"returnType" : "DescribeElasticsearchDomainResponse",
"documentation" : "<p>The result of a <code>DescribeElasticsearchDomain</code> request. Contains the
status of the domain specified in the request.</p>",
"syncReturnType" : "DescribeElasticsearchDomainResponse"
},

"DescribeElasticsearchDomainConfig" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Provides cluster configuration information about the specified Elasticsearch domain, such
as the state, creation date, update version, and update date for cluster options.</p>",
"endpointTrait" : null,
"exceptions" : [

"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
],

"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
],

"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
"httpStatusCode" : 409
]
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
} ],
"hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainConfigRequest",
  "variableName" : "describeElasticsearchDomainConfigRequest",
  "variableType" : "DescribeElasticsearchDomainConfigRequest",
  "documentation" : "<p> Container for the parameters to the 
<code>DescribeElasticsearchDomainConfig</code> operation. Specifies the domain name for which you want configuration information.</p>",
  "simpleType" : "DescribeElasticsearchDomainConfigRequest",
  "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"methodName" : "describeElasticsearchDomainConfig",
"operationName" : "DescribeElasticsearchDomainConfig",
"paginated" : false,
"returnType" : {
  "returnType" : "DescribeElasticsearchDomainConfigResponse",
  "documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains the configuration information of the requested domain.</p>",
  "syncReturnType" : "DescribeElasticsearchDomainConfigResponse"
},
"DescribeElasticsearchDomains" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domains, including the domain ID, domain endpoint, and domain ARN.</p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "DescribeElasticsearchDomainsRequest",

"variableName" : "describeElasticsearchDomainsRequest",
"variableType" : "DescribeElasticsearchDomainsRequest",
"documentation" : "Container for the parameters to the <code>DescribeElasticsearchDomains</code> operation. By default, the API returns the status of all Elasticsearch domains."
",
"simpleType" : "DescribeElasticsearchDomainsRequest",
"variableSetterType" : "DescribeElasticsearchDomainsRequest"
},
"methodName" : "describeElasticsearchDomains",
"operationName" : "DescribeElasticsearchDomains",
"paginated" : false,
"returnType" : {
"returnType" : "DescribeElasticsearchDomainsResponse",
"documentation" : "The result of a <code>DescribeElasticsearchDomains</code> request. Contains the status of the specified domains or all domains owned by the account."",
"syncReturnType" : "DescribeElasticsearchDomainsResponse"
},
"DescribeElasticsearchInstanceTypeLimits" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "Describe Elasticsearch Limits for a given InstanceType and ElasticsearchVersion. When modifying existing Domain, specify the <code>DomainName</code> to know what Limits are supported for modifying."
",
"endpointTrait" : null,
"exceptions" : [ {
  "exceptionName" : "BaseException",
  "documentation" : "An error occurred while processing the request."
},
{ "exceptionName" : "InternalException",
  "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500."",
  "httpStatusCode" : 500
},
{ "exceptionName" : "InvalidTypeException",
  "documentation" : "An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409."",
  "httpStatusCode" : 409
},
{ "exceptionName" : "LimitExceededException",
  "documentation" : "An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409."",
  "httpStatusCode" : 409
},
{ "exceptionName" : "ResourceNotFoundException",
  "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.""}
"httpStatusCode" : 409
},
"exceptionName": "ValidationException",
"documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode": 400
}
],
"hasBlobMemberAsPayload": false,
"input": {
"variableDeclarationType": "DescribeElasticsearchInstanceTypeLimitsRequest",
"variableName": "describeElasticsearchInstanceTypeLimitsRequest",
"variableType": "DescribeElasticsearchInstanceTypeLimitsRequest",
"documentation": "<p> Container for the parameters to <code><a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>",

"methodName": "describeElasticsearchInstanceTypeLimits",
"operationName": "DescribeElasticsearchInstanceTypeLimits",
"paginated": false,
"returnType": {
"returnType": "DescribeElasticsearchInstanceTypeLimitsResponse",
"documentation": "<p> Container for the parameters received from <code><a>DescribeElasticsearchInstanceTypeLimits</a> </code> operation. </p>",

"syncReturnType": "DescribeElasticsearchInstanceTypeLimitsResponse"
},
"DescribeReservedElasticsearchInstanceOfferings": {
"authenticated": true,
"deprecated": false,
"documentation": "<p>Lists available reserved Elasticsearch instance offerings.</p>",
"endpointTrait": null,
"exceptions": [{
"exceptionName": "ResourceNotFoundException",
"documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode": 409
},
"exceptionName": "ValidationException",
"documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode": 400
},
"exceptionName": "DisabledOperationException",
"documentation": "<p>An error occured because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
"httpStatusCode": 409
},
"exceptionName": "InternalException",
"documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.

"httpStatusCode" : 500

],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
"variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"documentation" : "<p>Container for parameters to <code>DescribeReservedElasticsearchInstanceOfferings</code>.

"simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
},
"methodName" : "describeReservedElasticsearchInstanceOfferings",
"operationName" : "DescribeReservedElasticsearchInstanceOfferings",
"paginated" : true,
"returnType" : {
"returnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
"documentation" : "<p>Container for results from <code>DescribeReservedElasticsearchInstanceOfferings</code>.</p>

"syncReturnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
},
"DescribeReservedElasticsearchInstances" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Returns information about reserved Elasticsearch instances for this account.</p>",
"endpointTrait" : null,
"exceptions" : [
{
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode" : 409
},
{
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
},
{
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
},
{
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
"httpStatusCode" : 409
}]
}.
"hasBlobMemberAsPayload" : false,
"input" : {
    "variableDeclarationType" : "DescribeReservedElasticsearchInstancesRequest",
    "variableName" : "describeReservedElasticsearchInstancesRequest",
    "variableType" : "DescribeReservedElasticsearchInstancesRequest",
    "documentation" : "Container for parameters to \n<code>DescribeReservedElasticsearchInstances</code>\n\n"simpleType" : "DescribeReservedElasticsearchInstancesRequest",
"variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
},
"methodName" : "describeReservedElasticsearchInstances",
"operationName" : "DescribeReservedElasticsearchInstances",
"paginated" : true,
"returnType" : {
    "returnType" : "DescribeReservedElasticsearchInstancesResponse",
    "documentation" : "Container for results from \n<code>DescribeReservedElasticsearchInstances</code>\n\n"syncReturnType" : "DescribeReservedElasticsearchInstancesResponse"\n},
"GetCompatibleElasticsearchVersions" : {
    "authenticated" : true,
    "deprecated" : false,
    "documentation" : "Returns a list of upgrade compatible Elasticsearch versions. You can optionally pass a \n<code><a>DomainName</a></code> to get all upgrade compatible Elasticsearch versions for that specific domain. \n\n"endpointTrait" : null,
"exceptions" : [
    "exceptionName" : "BaseException",
    "documentation" : "An error occurred while processing the request.\n\n"httpStatusCode" : null
],
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.\n\n"httpStatusCode" : 409
],
    "exceptionName" : "DisabledOperationException",
    "documentation" : "An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.\n\n"httpStatusCode" : 409
],
    "exceptionName" : "ValidationException",
    "documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.\n\n"httpStatusCode" : 400
],
    "exceptionName" : "InternalException",
    "documentation" : "The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.

```json
{
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "GetCompatibleElasticsearchVersionsRequest",
    "variableName" : "getCompatibleElasticsearchVersionsRequest",
    "variableType" : "GetCompatibleElasticsearchVersionsRequest",
    "documentation" : "<p>Container for request parameters to <code>GetCompatibleElasticsearchVersions</code> operation. </p>"
  },
  "methodName" : "getCompatibleElasticsearchVersions",
  "operationName" : "GetCompatibleElasticsearchVersions",
  "paginated" : false,
  "returnType" : {
    "returnType" : "GetCompatibleElasticsearchVersionsResponse",
    "documentation" : "<p>Container for response returned by <code>GetCompatibleElasticsearchVersions</code> operation. </p>"
  },
  "syncReturnType" : "GetCompatibleElasticsearchVersionsResponse"
},
"GetUpgradeHistory" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Retrieves the complete history of the last 10 upgrades that were performed on the domain.</p>"
},
"endpointTrait" : null,
"exceptions" : [
  {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>"
  },
  {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>"
  },
  {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>"
  },
  {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>"
  }
]"
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
] ],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "GetUpgradeHistoryRequest",
"variableName" : "getUpgradeHistoryRequest",
"variableType" : "GetUpgradeHistoryRequest",
"documentation" : "<p>Container for request parameters to <code><a>GetUpgradeHistory</a></code> operation. </p>",
"simpleType" : "GetUpgradeHistoryRequest",
"variableSetterType" : "GetUpgradeHistoryRequest"
},
"methodName" : "getUpgradeHistory",
"operationName" : "GetUpgradeHistory",
"paginated" : true,
"returnType" : {
"returnType" : "GetUpgradeHistoryResponse",
"documentation" : "<p>Container for response returned by <code><a>GetUpgradeHistory</a></code> operation. </p>",
"syncReturnType" : "GetUpgradeHistoryResponse"
},
"GetUpgradeStatus" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Retrieves the latest status of the last upgrade or upgrade eligibility check that was performed on the domain.</p>",
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
}
],
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode" : 409
},
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
"httpStatusCode" : 409
},
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>"}
"httpStatusCode" : 400
},

"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",

"httpStatusCode" : 500
}
],

"hasBlobMemberAsPayload" : false,
"input" : {

"variableDeclarationType" : "GetUpgradeStatusRequest",
"variableName" : "getUpgradeStatusRequest",
"variableType" : "GetUpgradeStatusRequest",
"documentation" : "<p>Container for request parameters to <code><a>GetUpgradeStatus</a></code> operation. </p>",

"simpleType" : "GetUpgradeStatusRequest",
"variableSetterType" : "GetUpgradeStatusRequest"
},

"methodName" : "getUpgradeStatus",

"operationName" : "GetUpgradeStatus",

"paginated" : false,

"returnType" : {

"returnType" : "GetUpgradeStatusResponse",

"documentation" : "<p>Container for response returned by <code><a>GetUpgradeStatus</a></code> operation. </p>",

"syncReturnType" : "GetUpgradeStatusResponse"
}
],

"ListDomainNames" : {

"authenticated" : true,

"deprecated" : false,

"documentation" : "<p>Returns the name of all Elasticsearch domains owned by the current user's account.</p>",

"endpointTrait" : null,

"exceptions" : [ {

"exceptionName" : "BaseException",

"documentation" : "<p>An error occurred while processing the request.</p>",

"httpStatusCode" : null
},

"exceptionName" : "ValidationException",

"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",

"httpStatusCode" : 400
}
],

"hasBlobMemberAsPayload" : false,

"input" : {

"variableDeclarationType" : "ListDomainNamesRequest",

"variableName" : "listDomainNamesRequest",

"variableType" : "ListDomainNamesRequest",

"documentation" : null,
"simpleType" : "ListDomainNamesRequest",
"variableSetterType" : "ListDomainNamesRequest"
},
"methodName" : "listDomainNames",
"operationName" : "ListDomainNames",
"paginated" : false,
"returnType" : {
  "returnType" : "ListDomainNamesResponse",
  "documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all Elasticsearch domains owned by this account.</p>"
},
"syncReturnType" : "ListDomainNamesResponse"
},
"ListElasticsearchInstanceTypes" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>List all Elasticsearch instance types that are supported for given ElasticsearchVersion</p>",
  "endpointTrait" : null,
  "exceptions" : [ { 
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, { 
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, { 
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
  }, { 
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
    "variableName" : "listElasticsearchInstanceTypesRequest",
    "variableType" : "ListElasticsearchInstanceTypesRequest",
    "documentation" : "<p>Container for the parameters to the <code>ListElasticsearchInstanceTypes</code> operation.</p>"
  }
}
"methodName": "listElasticsearchInstanceTypes",
"operationName": "ListElasticsearchInstanceTypes",
"paginated": true,
"returnType": {
  "returnType": "ListElasticsearchInstanceTypesResponse",
  "documentation": "<p>Container for the parameters returned by <code><a>ListElasticsearchInstanceTypes</a></code> operation. </p>
},
"syncReturnType": "ListElasticsearchInstanceTypesResponse"
},
"ListElasticsearchVersions": {
  "authenticated": true,
  "deprecated": false,
  "documentation": "<p>List all supported Elasticsearch versions</p>",
  "endpointTrait": null,
  "exceptions": [
    {
      "exceptionName": "BaseException",
      "documentation": "<p>An error occurred while processing the request.</p>",
      "httpStatusCode": null
    },
    {
      "exceptionName": "InternalException",
      "documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
      "httpStatusCode": 500
    },
    {
      "exceptionName": "ResourceNotFoundException",
      "documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
      "httpStatusCode": 409
    },
    {
      "exceptionName": "ValidationException",
      "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode": 400
    }
  ],
  "hasBlobMemberAsPayload": false,
  "input": {
    "variableDeclarationType": "ListElasticsearchVersionsRequest",
    "variableName": "listElasticsearchVersionsRequest",
    "variableType": "ListElasticsearchVersionsRequest",
    "documentation": "<p>Container for the parameters to the <code><a>ListElasticsearchVersions</a></code> operation. Use <code><a>MaxResults</a></code> to control the maximum number of results to retrieve in a single call. </p>
    "variableSetterType": "ListElasticsearchVersionsRequest"
  },
  "methodName": "listElasticsearchVersions",
  "operationName": "ListElasticsearchVersions"
"paginated" : true,
"returnType" : {
  "returnType" : "ListElasticsearchVersionsResponse",
  "documentation" : "<p> Container for the parameters for response received from <code>
  ListElasticsearchVersions</code> operation. </p>"
},
"syncReturnType" : "ListElasticsearchVersionsResponse"
},
"ListTags" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Returns all tags for the given Elasticsearch domain.</p>",
  "endpointTrait" : null,
  "exceptions" : [
    {
      "exceptionName" : "BaseException",
      "documentation" : "<p>An error occurred while processing the request.</p>",
      "httpStatusCode" : null
    },
    {
      "exceptionName" : "ResourceNotFoundException",
      "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
      "httpStatusCode" : 409
    },
    {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode" : 400
    },
    {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
      "httpStatusCode" : 500
    }
  ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "ListTagsRequest",
    "variableName" : "listTagsRequest",
    "variableType" : "ListTagsRequest",
    "documentation" : "<p>Container for the parameters to the <code>ListTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
    "simpleType" : "ListTagsRequest",
    "variableSetterType" : "ListTagsRequest"
  },
  "methodName" : "listTags",
  "operationName" : "ListTags",
  "paginated" : false,
  "returnType" : {
    "returnType" : "ListTagsResponse",
  }
}
The result of a `ListTags` operation. Contains tags for all requested Elasticsearch domains.

```

```

Allows you to purchase reserved Elasticsearch instances.

```

An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.

```

An exception for creating a resource that already exists. Gives http status code of 400.

```

An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.

```

An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.

```

An exception for missing / invalid input fields. Gives http status code of 400.

```

The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.

```

Container for parameters to

```

```
"variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
],
"methodName" : "purchaseReservedElasticsearchInstanceOffering",
"operationName" : "PurchaseReservedElasticsearchInstanceOffering",
"paginated" : false,
"returnType" : {
"returnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>
},
"syncReturnType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
],
"RemoveTags" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Removes the specified set of tags from the specified Elasticsearch domain.</p>",
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
}, {
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
}, {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
} ],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "RemoveTagsRequest",
"variableName" : "removeTagsRequest",
"variableType" : "RemoveTagsRequest",
"documentation" : "<p>Container for the parameters to the <code>RemoveTags</code> operation.
Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified
<code>TagKey</code>.</p>",
"simpleType" : "RemoveTagsRequest",
"variableSetterType" : "RemoveTagsRequest"
},
"methodName" : "removeTags",
"operationName" : "RemoveTags",
"paginated" : false,
"returnType" : {
"returnType" : "RemoveTagsResponse",
"documentation" : null
"syncReturnType" : "RemoveTagsResponse",

"StartElasticsearchServiceSoftwareUpdate" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Schedules a service software update for an Amazon ES domain.</p>",
  "endpointTrait" : null,
  "exceptions" : [
    {
      "exceptionName" : "BaseException",
      "documentation" : "<p>An error occurred while processing the request.</p>",
      "httpStatusCode" : null
    },
    {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
      "httpStatusCode" : 500
    },
    {
      "exceptionName" : "ResourceNotFoundException",
      "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
      "httpStatusCode" : 409
    },
    {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode" : 400
    }
  ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
    "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "documentation" : "Container for the parameters to the <code><a>StartElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch domain that you wish to schedule a service software update on."",
    "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
  },
  "methodName" : "startElasticsearchServiceSoftwareUpdate",
  "operationName" : "StartElasticsearchServiceSoftwareUpdate",
  "paginated" : false,
  "returnType" : {
    "returnType" : "StartElasticsearchServiceSoftwareUpdateResponse",
    "documentation" : "The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update.""
  },
  "syncReturnType" : "StartElasticsearchServiceSoftwareUpdateResponse"
"UpdateElasticsearchDomainConfig" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Modifies the cluster configuration of the specified Elasticsearch domain, setting as
  setting the instance type and the number of instances. </p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
  failure is internal to the service). Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }, {
    "exceptionName" : "InvalidTypeException",
    "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
  supported. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "LimitExceedededException",
    "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
  http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
  code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
    "variableName" : "updateElasticsearchDomainConfigRequest",
    "variableType" : "UpdateElasticsearchDomainConfigRequest",
    "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code>
  operation. Specifies the type and number of instances in the domain cluster.</p>",
    "simpleType" : "UpdateElasticsearchDomainConfigRequest",
    "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
  },
  "methodName" : "updateElasticsearchDomainConfig",
  "operationName" : "UpdateElasticsearchDomainConfig",
  "paged" : false,
"returnType" : {
  "returnType" : "UpdateElasticsearchDomainConfigResponse",
  "documentation" : "<p>The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated.</p>"
},
"syncReturnType" : "UpdateElasticsearchDomainConfigResponse"
},
"UpgradeElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible Elasticsearch version.</p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  }, {
    "exceptionName" : "ResourceNotFoundException",
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ResourceAlreadyExistsException",
    "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "DisabledOperationException",
    "documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
    "httpStatusCode" : 409
  }, {
    "exceptionName" : "ValidationException",
    "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
    "httpStatusCode" : 400
  }, {
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  }]
},
"hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
  "variableName" : "upgradeElasticsearchDomainRequest",
  "variableType" : "UpgradeElasticsearchDomainRequest",
  "documentation" : "<p>Container for request parameters to <code><a>UpgradeElasticsearchDomain</a></code></p>"}
"operation": 

"simpleType": "UpgradeElasticsearchDomainRequest",
"variableSetterType": "UpgradeElasticsearchDomainRequest"
},
"methodName": "upgradeElasticsearchDomain",
"operationName": "UpgradeElasticsearchDomain",
"paginated": false,
"returnType": {

"returnType": "UpgradeElasticsearchDomainResponse",
"documentation": "<p> Container for response returned by <code><a>UpgradeElasticsearchDomain</a> operation. </p>",
"syncReturnType": "UpgradeElasticsearchDomainResponse"
}

"shapes": {
"AccessPoliciesStatus": {
"c2jName": "AccessPoliciesStatus",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p> The configured access rules for the domain's document and search endpoints, and the current status of those rules. </p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"marshaller": null,
"members": [
"beanStyleGetterMethodName": "getOptions",
"beanStyleSetterMethodName": "setOptions",
"c2jName": "Options",
"c2jShape": "PolicyDocument",
This is a convenience that creates an instance of the `@link String.Builder` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #options(String)}`.

@param options a consumer that will call methods on `{@link String.Builder}` returns a reference to this object so that method calls can be chained together.

@see #options(String)
The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

```java
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

```
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>

This is a convenience that creates an instance of the [@link OptionStatus.Builder] avoiding the need to create one manually via [@link OptionStatus#builder()].

When the [@link Consumer] completes, [@link OptionStatus.Builder#build()] is called immediately and its result is passed to [@link status(OptionStatus)].

@see #status(OptionStatus)"

"deprecated" : false,
"documentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>

@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",

"getterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>

@return The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

@return The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

@see #status(OptionStatus)"

"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>
@param status The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "Options": {
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
    "c2jName": "Options",
    "c2jShape": "PolicyDocument",
    "defaultConsumerFluentSetterDocumentation": "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.</p>\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #options(String)].\n\n@see #options(String)",
    "deprecated": false,
"documentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](https://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.",

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",

@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](https://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "options",
"getterDocumentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](https://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](https://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Options",
"setterDocumentation": "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.</p>
@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.

"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "options",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "options",
  "variableType": "String",
  "documentation": "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.</p>

"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"Status": {
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.</p>

This is a convenience that creates an instance of the <code>@link OptionStatus.Builder</code> avoiding the need to create one manually via <code>@link
When the `@link Consumer` completes, `@link OptionStatus.Builder.build()` is called immediately and its result is passed to `@link status(OptionStatus)`. 

```
return
```

...
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included. \n@param status The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "The status of the access policy for the Elasticsearch domain. See OptionStatus for the status information that's included.",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null

"nonStreamingMembers" : [{
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.\nThis is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder().\nWhen the Consumer completes, String.Builder#build() is called immediately and its result is passed to #options(String).\n\n@param options a consumer that will call methods on String.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(String)",
  "deprecated" : false,
  "documentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information."
},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.\n\n@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information.",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Options",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Options",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may
be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies"
target="_blank"> Configuring Access Policies</a>for more information.</p>
@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies"
target="_blank"> Configuring Access Policies</a>for more information.

",  
"setterMethodName" : "setOptions",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "options",
    "variableType" : "String",
    "documentation" : "The access policy configured for the Elasticsearch domain. Access policies may be
resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies"
target="_blank"> Configuring Access Policies</a>for more information.</p>
",  
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "The status of the access policy for the Elasticsearch
domain. See <code>OptionStatus</code> for the status information that's included. "This is a convenience that
creates an instance of the [ @link OptionStatus.Builder] avoiding the need to create one manually via [ @link
OptionStatus.Builder()]. When the [ @link Consumer] completes, [ @link OptionStatus.Builder#build()] is
called immediately and its result is passed to [ @link #status(OptionStatus)].

@returns a consumer that will call methods on [ @link OptionStatus.Builder] that can be
chained together.

"documentation" : "The status of the access policy for the Elasticsearch domain. See"
The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. @param status The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. @return Returns a reference to this object so that method calls can be chained together.

```java
public class Status {
    public OptionStatus status;
}
```

The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. @return The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

```java
public class Status {
    public OptionStatus status;
}
```
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "&lt;p&gt;The status of the access policy for the Elasticsearch domain. See &lt;code&gt;OptionStatus&lt;/code&gt; for the status information that's included.&lt;/p&gt;",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}
],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "AccessPoliciesStatus",
"simpleMethod" : false,
"Unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPoliciesStatus",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"wrapper" : false
},
"AddTagsRequest" : {
  "c2jName" : "AddTagsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
Container for the parameters to the `<code>AddTags</code>` operation. Specify the tags that you want to attach to the Elasticsearch domain.

Specify the `<code>ARN</code>` for which you want to add the tags.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via `{@link String#builder()}`).

When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #arn(String)}()

In method calls on `{@link String.Builder} when an arn arg a consumer that will call methods on `{@link String.Builder}.

Returns a reference to this object so that method calls can be chained together.

Specify the `<code>ARN</code>` for which you want to add the tags.
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags. </p><p>@param arn Specify the <code>ARN</code> for which you want to add the tags.</p>.
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags. </p>.
  "simpleType" : "String",
  "variableSetterType" : "String"
"xmlnsSpaceUri": null,
"beanStyleGetterMethodName": "getTagList",
"beanStyleSetterMethodName": "setTagList",
"c2jName": "TagList",
"c2jShape": "TagList",
"defaultConsumerFluentSetterDocumentation": "<p>List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link List<Tag> .Builder} avoiding the need to create one manually via { @link List<Tag> .Builder(). When the { @link Consumer} completes, { @link List<Tag> .Builder#build()} is called immediately and its result is passed to { @link #tagList(List<Tag>)}. @param tagList a consumer that will call methods on { @link List<Tag> .Builder} @return Returns a reference to this object so that method calls can be chained together. @see #tagList(List<Tag>)",
"deprecated": false,
"documentation": "<p>List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. @return List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"getterDocumentation": "<p>List of <code>Tag</code> that need to be added for the Elasticsearch domain. 
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. 
@see #tagList(List<Tag>)",
"getterModel": {
"returnType": "java.util.List<Tag>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "TagList",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "TagList",
"uri": false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the {@link Tag.Builder} avoiding the need to create one manually via {@link Tag.Builder#builder()}. When the {@link Consumer} completes, {@link Tag.Builder#build()} is called immediately and its result is passed to {@link #member(Tag)}.

@see #member(Tag)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

@see #member(Tag)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Retruns the value of the Member property for this object.

@returns The value of the Member property for this object.

"getterModel" : {
  "returnType" : "Tag",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlnsNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel": null,
"marshallingType": "LIST",
"name": "TagList",
"setterDocumentation": "<p>List of <code>Tag</code> that need to be added for the Elasticsearch domain.</p>"
@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.

"setterMethodName": "setTagList",
"setterModel": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": null,
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": "<p>List of <code>Tag</code> that need to be added for the Elasticsearch domain.</p>",
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "ARN": {
    "beanStyleGetterMethodName": "getArn",
    "beanStyleSetterMethodName": "setArn",
    "c2jName": "ARN",
    "c2jShape": "ARN",
    "defaultConsumerFluentSetterDocumentation": "<p>Specify the <code>ARN</code> for which you want to add the tags.</p>"
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #arn(String)}. 
@param arn a consumer that will call methods on {@link String.Builder} and returns a reference to this object so that method calls can be chained together.
@see #arn(String)
    "deprecated": false,
    "documentation": "<p>Specify the <code>ARN</code> for which you want to add the tags.</p>",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "arn",
    "fluentSetterDocumentation": "<p>Specify the <code>ARN</code> for which you want to add the tags.</p>"
    "return Returns a
reference to this object so that method calls can be chained together.

    "fluentSetterMethodName" : "arn",
    "getterDocumentation" : "\<p\> Specify the \<code\>ARN\</code\> for which you want to add the tags.\<\p\>\n\n@return Specify the \<code\>ARN\</code\> for which you want to add the tags.\n\n    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ARN",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ARN",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "ARN",
    "setterDocumentation" : "\<p\> Specify the \<code\>ARN\</code\> for which you want to add the tags.\<\p\>\n\n@param arn Specify the \<code\>ARN\</code\> for which you want to add the tags.\n\n    "setterMethodName" : "setArn",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "arn",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "arn",
        "variableType" : "String"
    },
"variableName" : "arn",
"variableType" : "String",
"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"TagList" : {
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. This is a convenience that creates an instance of the { @link List<Tag>.Builder} avoiding the need to create one manually via { @link List<Tag>#builder()}. When the { @link Consumer} completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link #tagList(List<Tag>)}. Returns a reference to this object so that method calls can be chained together.\n@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #tagList(List<Tag>)",
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [\n@link Tag.Builder] avoiding the need to create one manually via [\n@link Tag#builder()].\n\nWhen the [\n@link Consumer] completes, [\n@link Tag.Builder#build()] is called immediately and its result is passed to [\n@link Tag.Builder#build()].\n\n@param member a consumer that will call methods on [\n@link Tag.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(Tag)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThe new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."
  ,
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object."
  ,
    "getModel" : {
      "returnType" : "Tag",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple": false,
"simpleType": "Tag",
"templateImplType": "java.util.ArrayList<Tag>",
"templateType": "java.util.List<Tag>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "TagList",
"setterDocumentation": "List of Tag that need to be added for the Elasticsearch domain."

"setterMethodName": "setTagList",
"setterModel": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": null,
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": "List of Tag that need to be added for the Elasticsearch domain.
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"xmlNameSpaceUri": null
},

"nonStreamingMembers": [
  {
    "beanStyleGetterMethodName": "getArn",
    "beanStyleSetterMethodName": "setArn",
    "c2jName": "ARN",
    "c2jShape": "ARN",
    "defaultConsumerFluentSetterDocumentation": "Specify the ARN for which you want to add the tags.
  This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder().
  When the Consumer completes, String.Builder#build() is called immediately and its result is passed to String
  a consumer that will call methods on String.Builder
  Returns a reference to this object so that method calls can be chained together.
  See #Arn(String)"
    "deprecated": false,
    "documentation": "Specify the ARN for which you want to add the tags.
  ",
    "enumType": null,
  }
]
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "\n@Specify the <code>ARN</code> for which you want to add the tags.\n\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "\n Specify the <code>ARN</code> for which you want to add the tags.\n\n@return Specify the <code>ARN</code> for which you want to add the tags."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "\n Specify the <code>ARN</code> for which you want to add the tags.\n\n@Specify the <code>ARN</code> for which you want to add the tags."
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null
}
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "arn",
"variableType" : "String",
"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultValueConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link List<Tag>.Builder} avoiding the need to create one manually via { @link List<Tag>#builder()}. When the { @link Consumer} completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link List<Tag>List<Tag>}. Returns a reference to this object so that method calls can be chained together.
@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. <\p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. <\p>
@\param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.
@\return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. <\p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException. <\p>
@\return List of <code>Tag</code> that need to be added for the Elasticsearch domain."",
"getterModel" : {
"returnType" : "java.util.List<Tag>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [Tag.Builder] avoiding the need to create one manually via [Tag#builder()].
When the [Consumer] completes, [Tag.Builder#build()] is called immediately and its result is passed to [Tag#member(Tag)].
@param member a consumer that will call methods on [Tag.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #member(Tag)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object."
  @param member The new value for the Member property for this object.
  @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object."
  @return The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "Tag",
    "documentation" : null
  }
}
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@p param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
}
,"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. 

</p>
@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain. 

"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>

"simpleType" : "List<Tag>",
"variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNameSpaceUri" : null
} ,
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN", "TagList" ],
"shapeName" : "AddTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "AddTagsRequest",
  "variableName" : "addTagsRequest",
  "variableType" : "AddTagsRequest"
"documentation" : null,
"simpleType" : "AddTagsRequest",
"variableSetterType" : "AddTagsRequest"
},
"wrapper" : false
},
"AddTagsResponse" : {
"c2jName" : "AddTagsResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "AddTagsResponse",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "AddTagsResponse",
"variableName" : "addTagsResponse",
"variableType" : "AddTagsResponse",
"documentation" : null,
"simpleType" : "AddTagsResponse",
"variableSetterType" : "AddTagsResponse" 
}.

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"wrapper" : false,
},
"AdditionalLimit" : {
  "c2jName" : "AdditionalLimit",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> List of limits that are specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>. </p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes of given <code><a>ESPartitionInstanceType</a></code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code><a>ESPartitionInstanceType</a></code> upto which you don't need any master nodes to govern them. </ul> </p>\n\nThis is a convenience that creates an instance of the {<a>String.Builder</a>} avoiding the need to create one manually via {<a>String#builder()</a>}{\n\nWhen the {<a>Consumer</a>} completes, {<a>String.Builder#build()</a>} is called immediately and its result is passed to {<a>String#setName(String)</a>}<\n@param limitName a consumer that will call methods on {<a>String.Builder</a>}\n@returns a reference to this object so that method calls can be chained together.<\n@see #setName(String)}",
    "deprecated" : false,
    "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes of given <code><a>ESPartitionInstanceType</a></code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code><a>ESPartitionInstanceType</a></code> upto which you don't need any master nodes to govern them. </ul> </p>\n\nThis is a convenience that creates an instance of the {<a>String.Builder</a>} avoiding the need to create one manually via {<a>String#builder()</a>}{\n\nWhen the {<a>Consumer</a>} completes, {<a>String.Builder#build()</a>} is called immediately and its result is passed to {<a>String#setName(String)</a>}<\n@param limitName a consumer that will call methods on {<a>String.Builder</a>}\n@returns a reference to this object so that method calls can be chained together.<\n@see #setName(String)}"}
need any master nodes to govern them. </ul> </p>

"enumName" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "limitName",
"getterDocumentation" : "Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

@return Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

"getModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : 
"<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
<ul>
  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node
  only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. <ul>
  @param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's
  <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
  <br/>  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
  node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. </ul>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
  <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
  <br/>  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
  node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. <ul>
  @param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's
  <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
  <br/>  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
  node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. </ul>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's
  <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
  <br/>  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
  node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. <ul>
  @param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's
  <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details:
  <br/>  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how
  much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master
  node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data
  node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't
  need any master nodes to govern them. </ul>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul> </p>“,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
],
] = "maximumNumberOfDataNodesWithoutMasterNode",
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jName" : "LimitValues",
  "c2jShape" : "LimitValueList",
  "defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>
  <a>AdditionalLimit$LimitName</a> </code> . </p>
This is a convenience that creates an instance of the {@link
  List<String>.Builder} avoiding the need to create one manually via {@link
  List<String>#builder()}.

When the {
  @link Consumer} completes, {
  @link List<String>.Builder#build()} is called immediately and its result is passed
to {
  @link ListValues(List<String>)}. {
  @param limitValues a consumer that will call methods on {
  @link List<String>.Builder
}@return Returns a reference to this object so that method calls can be chained
together.";
  "deprecated" : false,
  "documentation" : "<p> Value for given <code>
  <a>AdditionalLimit$LimitName</a> </code>. </p>"",
  "enumType" : null,
  "evantHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentMethodName" : "limitValues",
  "fluentSetterDocumentation" : "<p> Value for given <code>
  <a>AdditionalLimit$LimitName</a> </code>. </p>
@param limitValues Value for given <code>
  <a>AdditionalLimit$LimitName</a> </code>. {
  @return Returns a reference to this object so that method calls can be chained
together.
  "getterDocumentation" : "<p> Value for given <code>
  <a>AdditionalLimit$LimitName</a> </code>. </p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.";
  "getterModel" : {
    "returnType" : "java.util.List<String>>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "LimitValue",
 defaultedConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. When { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. When { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.{ @return Returns a reference to this object so that method calls can be chained together.}.

@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object. When the { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. When { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.{ @return Returns a reference to this object so that method calls can be chained together.}.

@see #member(String)",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returs the value of the Member property for this object.

The value of the Member property for this object. When the { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. When { @param member} a consumer that will call methods on { @link String.Builder} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.{ @return Returns the value of the Member property for this object.}

@see #member(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n
@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "Value for given <code> <a>AdditionalLimit$LimitName</a> </code>.
</p>\n\n@\param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "Value for given <code> <a>AdditionalLimit$LimitName</a> </code>.
</p>
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlnsNameSpaceUri" : null
}
],
"membersAsMap" : {
  "LimitName" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #limitName(String)\}.\n@\param limitName a consumer that will call methods on \{@link String.Builder\}\n@return
Returns a reference to this object so that method calls can be chained together.

Name of Additional Limit is specific to a given InstanceType and for each of it's
Attributes and their details:

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes upto which given
  - can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given
  - upto which you don't need any master nodes to govern them.

@return Returns a reference to this object so that method calls can be chained together.

Name of Additional Limit is specific to a given InstanceType and for each of it's
Attributes and their details:

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes upto which given
  - can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given
  - upto which you don't need any master nodes to govern them.

@return Returns a reference to this object so that method calls can be chained together.
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "LimitName",

"setterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <br/>
<code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> 
<ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how many data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul> 

"setterMethodName" : "setLimitName",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's 
<code>&lt;a&gt;InstanceRole&lt;/a&gt;</code> etc. <br/> Attributes and their details: 
<ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code>&lt;a&gt;ESPartitionInstanceType&lt;/a&gt;</code> can support as master node. 
<li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code>&lt;a&gt;ESPartitionInstanceType&lt;/a&gt;</code> upto which you don't need any master nodes to govern them. 
</ul>
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"LimitValues" : {
  "beanStyleGetterMethodName" : "getLimitValues",
  "beanStyleSetterMethodName" : "setLimitValues",
  "c2jShape" : "LimitValueList",
  "documentation" : "<p> Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code> . </p>
This is a convenience that creates an instance of the {@link List&lt;String&gt;}.Builder avoiding the need to create one manually via {@link List&lt;String&gt;#builder()}. 
When the {@link Consumer} completes, {@link List&lt;String&gt;#build()} is called immediately and its result is passed to {@link limitValues(List&lt;String&gt;)}.
@param limitValues a consumer that will call methods on {@link List&lt;String&gt;}.Builder
@see #limitValues(List&lt;String&gt;)
"defaultConsumerFluentSetterDocumentation" : "<p> Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code> . 
This is a convenience that creates an instance of the {@link List&lt;String&gt;}.Builder avoiding the need to create one manually via {@link List&lt;String&gt;#builder()}. 
When the {@link Consumer} completes, {@link List&lt;String&gt;#build()} is called immediately and its result is passed to {@link #limitValues(List&lt;String&gt;)}. 
@see #limitValues(List&lt;String&gt;)
"deprecated" : false,
"documentation" : "<p> Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code> . </p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code> . 
This is a convenience that creates an instance of the {@link List&lt;String&gt;}.Builder avoiding the need to create one manually via {@link List&lt;String&gt;#builder()}. 
When the {@link Consumer} completes, {@link List&lt;String&gt;#build()} is called immediately and its result is passed to {@link #limitValues(List&lt;String&gt;)}. 
@see #limitValues(List&lt;String&gt;)
@returns a reference to this object so that method calls can be chained together.
"GetterDocumentation" : "<p> Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code>. 
Attempts to modify the collection returned by this method will result in an 
UnsupportedOperationException.
@returns Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code> .
@returns a reference to this object so that method calls can be chained together.
"getterModel" : {
  "returnType" : "java.util.List&lt;String&gt;",
  "documentation" : null
}"
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "LimitValues",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "LimitValues",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
   "implType" : "java.util.ArrayList",
   "interfaceType" : "java.util.List",
   "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "LimitValue",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
       object. This is a convenience that creates an instance of the @link String.Builder() avoiding
       the need to create one manually via @link String#builder(). When the @link Consumer
       completes, @link String.Builder#build() is called immediately and its result is passed to
       @link String.Builder#build().

       @param member a consumer that will call methods on @link String.Builder
       \n       @return Returns a reference to this object so that method calls can be chained
       together.\n       see \#member(String)",
      "deprecated" : false,
      "documentation" : "",
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this
       object. The new value for the Member property for this object.\n       @return Returns a reference to this object so that method
       calls can be chained together.",
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object.\n       The value of the Member property for this object."
   }
}
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String"}
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
</p>

@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> . </p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}
]
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given
"}
Attributes and their details: 

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #limitName(String)}`.

```java
@link
@see
```

```java
#limitName(String)
```

@Override
```java
public String limitName(String limitName)
```

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

```java
#limitName(String)
```

```java
@link
@see
```

```java
#limitName(String)
```

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.

---

```java
// Name of Additional Limit is specific to a given InstanceType and for each of it's instance type.
```

```java
<code>
<a>InstanceRole</a>
</code>
```

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given instance type can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given instance type up to which you don't need any master nodes to govern them.
specify how much data nodes up to which given `<code>` `<a>`ESPartitionInstanceType</a>` `<code>` can support as master node. `<li>`MaximumNumberOfDataNodesWithoutMasterNode`<li>` This attribute will be present in Data node only to specify how much data nodes of given `<code>` `<a>`ESPartitionInstanceType</a>` `<code>` up to which you don't need any master nodes to govern them. `<li>`

```json
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` `<a>`InstanceRole</a>` `<code>` etc. `<br/> Attributes and their details: `<br/> `<ul>`
  `<li>`MaximumNumberOfDataNodesSupported`<li>` This attribute will be present in Master node only to specify how much data nodes up to which given `<code>` `<a>`ESPartitionInstanceType</a>` `<code>` can support as master node. `<li>`MaximumNumberOfDataNodesWithoutMasterNode`<li>` This attribute will be present in Data node only to specify how much data nodes of given `<code>` `<a>`ESPartitionInstanceType</a>` `<code>` up to which you don't need any master nodes to govern them. `<ul>"
Name of Additional Limit is specific to a given InstanceType and for each of it's InstanceRole etc. Attributes and their details:

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes upto which given InstanceType can support as master node.
  - This attribute will be present in Data node only to specify how much data nodes of given InstanceType upto which you don't need any master nodes to govern them.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given InstanceType upto which you don't need any master nodes to govern them.

**deprecated**

```
<p> Value for given <code>AdditionalLimit$LimitName</code>.
</p>
```

```
Document the <code>AdditionalLimit$LimitName</code>.

```
```
 Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .

@see #member(String)
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "member",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
}.
"simple": true,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"}
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "LimitValues",
"setterDocumentation": "<p> Value for given &lt;code&gt; &lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt; &lt;/code&gt; .</p><p>@param limitValues Value for given &lt;code&gt; &lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt; &lt;/code&gt; .</p>",
"setterMethodName": "setLimitValues",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "limitValues",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "limitValues",
  "variableType": "java.util.List<String>",
  "documentation": "<p> Value for given &lt;code&gt; &lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt; &lt;/code&gt; .</p>",
  "simpleType": "List&lt;String&gt;",
  "variableSetterType": "java.util.Collection&lt;String>"
},
"xmlNameSpaceUri": null
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "AdditionalLimit",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "AdditionalLimit",
  "variableName": "additionalLimit",
  "variableType": "AdditionalLimit",
  "documentation": null,
  "simpleType": "AdditionalLimit",
  "variableSetterType": "AdditionalLimit"
},
"wrapper": false
},
"AdvancedOptionsStatus": {
  "c2jName": "AdvancedOptionsStatus",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Status of the advanced options for the specified Elasticsearch domain. Currently, the following advanced options are available:<li>Option to allow references to indices in an HTTP request body. Must be <code>true</code> when configuring access to individual sub-resources. By default, the value is <code>false</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"">Configuration Advanced Options</a> for more information.</li><li>Option to specify the percentage of heap space that is allocated to field data. By default, this setting is unbounded.</li>For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options">Configuring Advanced Options</a."},
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt; Specifies the status of advanced options for the specified Elasticsearch domain.&lt;/p&gt;&lt;\n&gt;This is a convenience that creates an instance of the @{@link Map&lt;String,String&gt;.Builder} avoiding the need to create one manually via {@link Map&lt;String,String&gt;#builder()}&lt;\n&gt;When the @{@link Consumer} completes, @{@link Map&lt;String,String&gt;#builder()} is called immediately and its result is passed to @{@link #options(Map&lt;String,String&gt;)}&lt;\n&gt;@@param options a consumer that will call methods on @{@link Map&lt;String,String&gt;#builder()}&lt;\n&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;\n&gt;@see #options(Map&lt;String,String&gt;)",
  "deprecated" : false,
  "documentation" : "&lt;p&gt; Specifies the status of advanced options for the specified Elasticsearch domain.&lt;/p&gt;",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "&lt;p&gt; Specifies the status of advanced options for the specified Elasticsearch domain.&lt;/p&gt;&lt;\n&gt;@@param options Specifies the status of advanced options for the specified Elasticsearch domain.&lt;/p&gt;&lt;\n&gt;@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "&lt;p&gt; Specifies the status of advanced options for the specified Elasticsearch domain.&lt;/p&gt;&lt;\n&gt;@&lt;\n&gt;Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.&lt;/p&gt;&lt;\n&gt;@return Specifies the status of advanced options for the specified Elasticsearch domain.",
  "getterModel" : { 
    "returnType" : "java.util.Map&lt;String,String&gt;",
    "documentation" : null
  },
  "http" : { 
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.

When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #key(String)\}.

@returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.

The new value for the Key property for this object.\n@returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : null,
"getterDocumentation" : "Returns the value of the Key property for this object.\n@returns The value of the Key property for this object.\n",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@�템 key The new value for the Key property for this object.
",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "String",
  "c2jNamespace": null
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. 

@see #value(String),

@return Returns a reference to this object so that method calls can be chained together.

@deprecated : false,

"documentation" : ",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "value",

"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@see #value(String)

@getters : 

@fluentSetterMethodName" : "value",

"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.

"getterModel" : { 

"returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "value",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "value",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING"
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@\param value The new value for the Value property for this object.",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String,String>"
},
"marshallingType": "MAP",
"name": "Options",
"setterDocumentation": "<p> Specifies the status of advanced options for the specified Elasticsearch domain.<p>
@\param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "options",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "options",
  "variableType": "java.util.Map<String,String>",
  "documentation": "<p> Specifies the status of advanced options for the specified Elasticsearch domain.<p>
  "simpleType": "Map<String,String>"
"variableSetterType" : "java.util.Map<String,String>",
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.

This is a convenience that creates an instance of the <code>OptionStatus</code> avoiding the need to create one manually via <code>@link OptionStatus#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link status(OptionStatus)</code>. The return value is a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)"

"deprecated" : false,
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.

This is a convenience that creates an instance of the <code>OptionStatus</code> avoiding the need to create one manually via <code>@link OptionStatus#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link status(OptionStatus)</code>. The return value is a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)"

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.

This is a convenience that creates an instance of the <code>OptionStatus</code> avoiding the need to create one manually via <code>@link OptionStatus#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link status(OptionStatus)</code>. The return value is a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)"

"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.

This is a convenience that creates an instance of the <code>OptionStatus</code> avoiding the need to create one manually via <code>@link OptionStatus#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link status(OptionStatus)</code>. The return value is a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)"

"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "variableSetterType" : "java.util.Map<String,String>"
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. </p>

@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. </p>

"simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "Options": {
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
    "c2jName": "Options",
    "c2jShape": "AdvancedOptions",
    "defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of advanced options for the specified Elasticsearch domain. </p>

This is a convenience that creates an instance of the { @link Map<String,String>.Builder] avoiding the need to create one manually via { @link Map<String,String>#builder()}.

@When the { @link Consumer} completes, { @link

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Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)\}. n@param options a consumer that will call methods on { @link
Map<String,String>.Builder\} n@return Returns a reference to this object so that method calls can be chained
together.n@see #options(Map<String,String>)",  
"deprecated" : false,  
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>"},  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "options",  
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.".,  
"fluentSetterMethodName" : "options",  
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.\n<\p>n@param options Specifies the status of advanced options for the specified Elasticsearch domain.\n@return Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n@return Specifies the status of advanced options for the specified Elasticsearch domain.".,  
"getterModel" : {  
"returnType" : "java.util.Map<String,String>"},  
"documentation" : null  
},  
"http" : {  
"additionalMarshallingPath" : null,  
"additionalUnmarshallingPath" : null,  
"flattened" : false,  
"greedy" : false,  
"header" : false,  
"isPayload" : false,  
"isStreaming" : false,  
"location" : null,  
"marshallLocation" : "PAYLOAD",  
"marshallLocationName" : "Options",  
"queryString" : false,  
"statusCode" : false,  
"unmarshallLocationName" : "Options",  
"uri" : false  
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : true,  
"mapModel" : {  
"implType" : "java.util.HashMap",  
"type" : "java.util.Map<String,String>"  
},  
"blazeClient" : false,  
"requestHandler" : null  
}
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
  "beanStyleGetterMethodName" : "getKey",
  "beanStyleSetterMethodName" : "setKey",
  "c2jName" : "key",
  "c2jShape" : "String",
  "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder().

When the @link Consumer completes, String.Builder#build() is called immediately and its result is passed to String#key(String).

@see #key(String)",
  "deprecated" : false,
  "documentation" : ",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "key",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.

@see #key("String")
@link String.Builder
@link String.Builder#build()
@return Returns a reference to this object so that method calls can be chained together.

@link String.Builder
@link String.Builder#build()
@link String#key("
@return Returns a reference to this object so that method calls can be chained together.

@link String.Builder
@link String.Builder#build()
@link String#key(String)
@return Returns a reference to this object so that method calls can be chained together.

@link String.Builder
@link String.Builder#build()
@link String#key(String)
@return Returns a reference to this object so that method calls can be chained together.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the { String.Builder} avoiding the need to create
one manually via { String.Builder}. When the { String.Builder} completes, { String.Builder#build()} is called immediately and its result is passed to { String#value(String)}. Returns a reference to this object so that
method calls can be chained together.

@see #value(String)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String,String>"
},
"marshallingType": "MAP",
"name": "Options",
"setterDocumentation": "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "options",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "options",
  "variableType": "java.util.Map<String,String>",
  "documentation": "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>"
},
"xmlNameSpaceUri": null
}
,"Status": {
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain. This is a convenience that creates an instance of the \{@link OptionStatus#Builder\} avoiding the need to create one manually via \{@link OptionStatus#builder()\}. When the \{@link Consumer\} completes, \{@link OptionStatus#status\} is called immediately and its result is passed to \{@link status\}.

When the \{@link Consumer\} completes, \{@link OptionStatus#status\} is called immediately and its result is passed to \{@link status\}.

\@param status a consumer that will call methods on \{@link OptionStatus#status\} to be passed to \{@link #status\}\n\@return Returns a reference to this object so that method calls can be chained together.\n\@see #status\n
\"deprecated\" : false,
\"documentation\" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. </p>",

\"enumType\" : null,
\"eventHeader\" : false,
\"eventPayload\" : false,
\"fluentEnumGetterMethodName\" : null,
\"fluentEnumSetterMethodName\" : null,
\"fluentGetterMethodName\" : "status",
\"fluentSetterDocumentation\" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. </p>
\@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.\n\@return Returns a reference to this object so that method calls can be chained together.\n\@see #status",

\"getterDocumentation\" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. </p>
\@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.\n\@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.\n",

\"getterModel\" : {
  \"returnType\" : "OptionStatus",
  \"documentation\" : null
},

\"http\" : {
  \"additionalMarshallingPath\" : null,
  \"additionalUnmarshallingPath\" : null,
  \"flattened\" : false,
  \"greedy\" : false,
  \"header\" : false,
  \"isPayload\" : false,
  \"isStreaming\" : false,
  \"location\" : null,
  \"marshallLocation\" : "PAYLOAD",
  \"marshallLocationName\" : "Status",
  \"queryString\" : false,
  \"statusCode\" : false,
  \"unmarshallLocationName\" : "Status",
  \"uri\" : false
},

\"idempotencyToken\" : false,
\"isBinary\" : false,
\"jsonValue\" : false,
\"list\" : false,
\"listModel\" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain. ",
"setterMethodName" : "setStatus",
"setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n","simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "AdvancedOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.\n\nThis is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()} .\n\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #options(Map<String,String>)} .\n\n@param options a consumer that will call methods on { @link Map<String,String>.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #options(Map<String,String>)"
},
"deprecated" : false,
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>
@param options Specifies the status of advanced options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>

Attempts to modify the collection returned by this method will result in an 
UnsupportedOperationException.

@return Specifies the status of advanced options for the specified 
Elasticsearch domain.",
"getterModel" : {
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKey",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "String",
"defaultValueFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
When the `@link Consumer` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #key(String)}`. The new value for the `Key` property for this object so that method calls can be chained together.

```java
@see #key(String)
```

```
return Returns a reference to this object so that method calls can be chained together.
```
for the Key property for this object.

"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultValueFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. @param value a consumer that will call methods on { @link String.Builder} @return Returns a reference to this object so that method calls can be chained together. @see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.",
  "getterMethodName" : "getValue",
  "getterModel" : {
    "getterClassName" : "String",
    "getterName" : "getValue",
    "getterParameters" : null,
    "getterReturn" : "String"
  },
  "getterSetterMethodName" : "setValue",
  "getterSetterModel" : {
    "setterClassName" : "String",
    "setterName" : "setValue",
    "setterParameters" : null,
    "setterReturn" : null
  },
  "setterDocumentation" : "Sets the value of the Value property for this object.

@value(String)",
  "setterName" : "setValue",
  "setterParameters" : null,
  "setterReturn" : null
},
"xmlNameSpaceUri" : null
}"
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object."

"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String"
"variableSetterType" : "String",
"xmlNameSpaceUri" : null,
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p><@param options Specifies the status of advanced options for the specified Elasticsearch domain.
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
  "xmlNameSpaceUri" : null,
},
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for
advanced options for the specified Elasticsearch domain.</p><@param status a consumer that will
call methods on <code>OptionStatus.Builder</code>
@see #status(OptionStatus)"};
"deprecated" : false,
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the
specified Elasticsearch domain.</p>";
"enumType" : null,
"eventHeader" : false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "status",
"getterDocumentation": "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",
"getterModel": {
  "returnType": "OptionStatus",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Status",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Status",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status"}
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p>Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "AdvancedOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "AdvancedOptionsStatus",
"variableName" : "advancedOptionsStatus",
"variableType" : "AdvancedOptionsStatus",
"documentation" : null,
"simpleType" : "AdvancedOptionsStatus",
"variableSetterType" : "AdvancedOptionsStatus"
},
"wrapper" : false
},
"BaseException" : {
"c2jName" : "BaseException",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>An error occurred while processing the request.</p>"
"enums" : null,
"errorCode" : "BaseException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "BaseException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
    "variableDeclarationType" : "BaseException",
    "variableName" : "baseException",
    "variableType" : "BaseException",
    "documentation" : null,
    "simpleType" : "BaseException",
    "variableSetterType" : "BaseException"
},
"wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateRequest" : {
    "c2jName" : "CancelElasticsearchServiceSoftwareUpdateRequest",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Container for the parameters to the
<code><a>CancelElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the
Elasticsearch domain that you wish to cancel a service software update on."}
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "CancelElasticsearchServiceSoftwareUpdate",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/cancel",
  "target" : null,
  "verb" : "POST",
  "xmlNameSpaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "\n  The name of the domain that you want to stop the latest service software update on.
  \n  This is a convenience that creates an instance of the { @link String.Builder }
  avoiding the need to create one manually via { @link String#builder() }.
  \n  When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link
  String.Builder }\n  \n  Returns a reference to this object so that method calls can be chained together.
  \n  \n  @param domainName The name of the domain that you want to stop the latest service software update on.
  \n  @return Returns a reference to this object so that method calls can be chained together.
  \n  \n  @see #domainName(String)",
  "deprecated" : false,
  "documentation" : "\n  The name of the domain that you want to stop the latest service software update on.
  \n  \n  @param domainName The name of the domain that you want to stop the latest service software update on.
  \n  @return Returns a reference to this object so that method calls can be chained together.
  \n  \n  @see #domainName(String)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "\n  The name of the domain that you want to stop the latest service software update on.
  \n  \n  @param domainName The name of the domain that you want to stop the latest service software update on.
  \n  @return Returns a reference to this object so that method calls can be chained together.
  \n  \n  @see #domainName(String)",
  "getterDocumentation" : "\n  The name of the domain that you want to stop the latest service software update on.
  \n  \n  @param domainName The name of the domain that you want to stop the latest service software update on.
  \n  @return Returns a reference to this object so that method calls can be chained together.
  \n  \n  @see #domainName(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>\n@param domainName The name of the domain that you want to stop the latest service software update on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsSpaceUri" : null ]
},
"membersAsMap" : {
  "DomainName" : {

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>
This is a convenience that creates an instance of the @{link String.Builder} avoiding the need to create one manually via @{link String#builder()}. When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #domainName(String)}.

When the @{link Consumer} completes,<br>{@link String.Builder#build()} is called immediately and its result is passed to @{link #domainName(String)}<br>

@deprecated<br>
"documentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>
@param domainName The name of the domain that you want to stop the latest service software update on.

@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>

@return The name of the domain that you want to stop the latest service software update on.

@see #domainName(String)

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
The name of the domain that you want to stop the latest service software update on.

@param domainName The name of the domain that you want to stop the latest service software update on.

*setterDocumentation*:

```
The name of the domain that you want to stop the latest service software update on.
```

*setterMethodName*:

```
setDomainName
```

*setterModel*:

```
{  
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
```

*simple*:

```
true
```

*timestampFormat*:

```
null
```

*variable*:

```
{  
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "The name of the domain that you want to stop the latest service software update on.",
  "simpleType": "String",
  "variableSetterType": "String"
},
```

*xmlNameSpaceUri*:

```
null
```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the domain that you want to stop the latest service software update on.
@name The name of the domain that you want to stop the latest service software update on.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the domain that you want to stop the latest service software update on.
@name The name of the domain that you want to stop the latest service software update on.
@return The name of the domain that you want to stop the latest service software update on.
getterModel" : {
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"documentation" : null
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"http" : {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
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"jsonValue" : false,
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"map" : false,
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"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "The name of the domain that you want to stop the latest service software update on.
@name The name of the domain that you want to stop the latest service software update on.
.setterMethodName" : "setDomainName",
"setterModel" : {
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"variableName" : "domainName",
"returnType" : "String",
"documentation" : null
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"http" : {
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"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
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"isBinary" : false,
"jsonValue" : false,
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"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
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"simple": true,
"timestampFormat": null,
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  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
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  "simpleType": "String",
  "variableSetterType": "String"
}
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"xmlNameSpaceUri": null
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"requestSignerClassFqcn": null,
"required": [ "DomainName" ],
"shapeName": "CancelElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod": false,
"unmarshaller": null,
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  "variableName": "cancelElasticsearchServiceSoftwareUpdateRequest",
  "variableType": "CancelElasticsearchServiceSoftwareUpdateRequest",
  "documentation": null,
  "simpleType": "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType": "CancelElasticsearchServiceSoftwareUpdateRequest"
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"wrapper": false
},
"CancelElasticsearchServiceSoftwareUpdateResponse": {
  "c2jName": "CancelElasticsearchServiceSoftwareUpdateResponse",
  "customization": {
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    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update.\n  \n  ",
  "enums": null,
  "errorCode": null,
  "variable": {
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    "variableName": "domainName",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
  },
  "wrapper": false
}
"event" : false,
"eventStream" : false,
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"hasHeaderMember" : false,
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"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update. This is a convenience that creates an instance of the \{@link ServiceSoftwareOptions.Builder\} avoiding the need to create one manually via \{@link ServiceSoftwareOptions#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link ServiceSoftwareOptions.Builder#build()\} is called immediately and its result is passed to \{@link ServiceSoftwareOptions#ServiceSoftwareOptions\}.\n\n@param serviceSoftwareOptions a consumer that will call methods on \{@link ServiceSoftwareOptions.Builder\}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #ServiceSoftwareOptions\n",
  "deprecated" : false,
  "documentation" : "The current status of the Elasticsearch service software update.\n\nThe current status of the Elasticsearch service software update.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #ServiceSoftwareOptions\n".
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "http" : {
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      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the [@link ServiceSoftwareOptions.Builder]
avoiding the need to create one manually via [@link ServiceSoftwareOptions#builder()].

When the [@link
Consumer} completes, \{@link ServiceSoftwareOptions.Builder#build()\} is called immediately and its result is passed to \{@link #serviceSoftwareOptions(ServiceSoftwareOptions)\}.\n@param serviceSoftwareOptions a consumer that will call methods on \{@link ServiceSoftwareOptions.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)\n"deprecated" : false,
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"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software update.\n@return The current status of the Elasticsearch service software update.",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@return The current status of the Elasticsearch service software update.",
"getterModel" : {
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.

setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [
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    "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
    "c2jName" : "ServiceSoftwareOptions",
    "c2jShape" : "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update.<p>The current status of the Elasticsearch service software update.</p>\nThis is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}.\nWhen the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link ServiceSoftwareOptions(ServiceSoftwareOptions)}.\n\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)"
  },
  {
    "deprecated" : false,
    "documentation" : null,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "serviceSoftwareOptions",
    "fluentSetterDocumentation" : "The current status of the Elasticsearch service software update.<p>The current status of the Elasticsearch service software update.</p>\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)"
  },
  {
    "getterDocumentation" : null,
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
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      "variableName" : "serviceSoftwareOptions",
      "variableType" : "ServiceSoftwareOptions",
      "documentation" : null,
      "simpleType" : "ServiceSoftwareOptions",
      "variableSetterType" : "ServiceSoftwareOptions"
    },
    "xmlNameSpaceUri" : null
  }
]
The current status of the Elasticsearch service software update.

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getterModel: {
  "returnType": "ServiceSoftwareOptions",
  "documentation": null
},

http: {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ServiceSoftwareOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ServiceSoftwareOptions",
  "uri": false
},
idempotencyToken: false,
isBinary: false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ServiceSoftwareOptions",
"setterDocumentation": "The current status of the Elasticsearch service software update.",&

@param serviceSoftwareOptions

setterMethodName: "setServiceSoftwareOptions",
setterModel: {
  "variableDeclarationType": "ServiceSoftwareOptions",
  "variableName": "serviceSoftwareOptions",
  "variableType": "ServiceSoftwareOptions",
  "documentation": null,
  "simpleType": "ServiceSoftwareOptions",
  "variableSetterType": "ServiceSoftwareOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ServiceSoftwareOptions",
  "variableName": "serviceSoftwareOptions",
  "variableType": "ServiceSoftwareOptions",
  "documentation": "The current status of the Elasticsearch service software update."}
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"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
]
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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"variable" : {
  "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableName" : "cancelElasticsearchServiceSoftwareUpdateResponse",
  "variableType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : null,
  "simpleType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
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"CognitoOptions" : {
  "c2jName" : "CognitoOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target=_blank>Amazon Cognito Authentication for Kibana</a>.",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
"members" : [ {
   "beanStyleGetterMethodName" : "getEnabled",
   "beanStyleSetterMethodName" : "setEnabled",
   "c2jName" : "Enabled",
   "c2jShape" : "Boolean",
   "defaultValue" : "false",
   "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication. </p>"",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "enabled",
   "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
   @param enabled Specifies the option to enable Cognito for Kibana authentication.
   @return Returns a reference to this object so that method calls can be chained together.
   @see #enabled(Boolean)",
   "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
   @return Specifies the option to enable Cognito for Kibana authentication.",
   "getterModel" : {
      "returnType" : "Boolean",
      "documentation" : null
   },
   "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
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      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "Enabled",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "Enabled",
      "uri" : false
   },
   "idempotencyToken" : false,
   "isBinary" : false,
   "jsonValue" : false,
}];
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param
enabled Specifies the option to enable Cognito for Kibana authentication."

"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "Specifies the option to enable Cognito for Kibana authentication.",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #userPoolId(String)}."

@deprecated
@param
userPoolId a consumer that will call methods on {@link String.Builder}
@return
Returns a reference to this object so that method calls can be chained together.{@link #userPoolId(String)}",
"documentation" : "Specifies the Cognito user pool ID for Kibana authentication.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication."

"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param
enabled Specifies the option to enable Cognito for Kibana authentication."

"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "Specifies the option to enable Cognito for Kibana authentication.",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #userPoolId(String)}."

@deprecated
@param
userPoolId a consumer that will call methods on {@link String.Builder}
@return
Returns a reference to this object so that method calls can be chained together.{@link #userPoolId(String)}",
"documentation" : "Specifies the Cognito user pool ID for Kibana authentication.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.",
authentication.<p>
@returns a reference to this object so that method calls can be chained together.

"@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.
@returns
Specifies the Cognito user pool ID for Kibana authentication.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UserPoolId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UserPoolId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@returns
Specifies the Cognito user pool ID for Kibana authentication.

"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "userPoolId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "userPoolId",
"variableType" : "String",
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getIdentityPoolId",
"beanStyleSetterMethodName" : "setIdentityPoolId",
"c2jName" : "IdentityPoolId",
"c2jShape" : "IdentityPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need
to create one manually via [ @link String.Builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is
called immediately and its result is passed to [ @link #identityPoolId(String)].

@param identityPoolId a consumer that will call methods on [ @link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #identityPoolId(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "identityPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "identityPoolId",
"getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@return Specifies the Cognito identity pool ID for Kibana authentication.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "IdentityPoolId"}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "IdentityPoolId",
"uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getRoleArn",
"beanStyleSetterMethodName" : "setRoleArn",
"c2jName" : "RoleArn",
"c2jShape" : "RoleArn",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #roleArn(String)}\n@throws IllegalArgumentException if the passed String is in an invalid state
@since 1.0.0

@since 1.0.0
@see #roleArn(String)
"deprecated" : false,
"documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "roleArn",
"fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "roleArn",
"getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources."
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "RoleArn",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "RoleArn",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "RoleArn",
 "setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources."}
"setterMethodName" : "setRoleArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"membersAsMap" : {
  "Enabled" : {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder}.

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}. Returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>"
  "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
  "@return Returns a reference to this object so that method calls can be chained together.
  @see #enabled(Boolean)",
  "getterMethodName" : "enabled",
  "timestampFormat" : null
}}
"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication."
"setterMethodName" : "setEnabled",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>"
"variableSetterType" : "Boolean",
],
"xmlNameSpaceUri" : null
},
"IdentityPoolId" : {
"beanStyleGetterMethodName" : "getIdentityPoolId",
"beanStyleSetterMethodName" : "setIdentityPoolId",
"c2jName" : "IdentityPoolId",
"c2jShape" : "IdentityPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].
When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link IdentityPoolId(String)].

@param identityPoolId a consumer that will call methods on [link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "identityPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>

@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
"getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>

@return Specifies the Cognito identity pool ID for Kibana authentication.

@see #identityPoolId(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "IdentityPoolId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "IdentityPoolId",
"uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : "Specifies the Cognito identity pool ID for Kibana authentication.
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"RoleArn" : {
  "beanStyleGetterMethodName" : "getRoleArn",
  "beanStyleSetterMethodName" : "setRoleArn",
  "c2jName" : "RoleArn",
  "c2jShape" : "RoleArn",
  "defaultValueSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].*When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #roleArn(String)].*
@see #roleArn(String)",
  "deprecated" : false,
  "documentation" : "Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
"enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "roleArn",
"fluentSetterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>&lt;p&gt;\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n@return Returns a reference to this object so that method calls can be chained together.\n&lt;/p&gt;&lt;p&gt;Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n",
"fluentSetterMethodName": "roleArn",
"getterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>&lt;p&gt;\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "RoleArn",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "RoleArn",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "RoleArn",
"setterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>&lt;p&gt;\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n",
"setterMethodName": "setRoleArn",
"setterModel": {
"variableDeclarationType": "String"}
"variableName" : "roleArn",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "roleArn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
}
,"xmlNameSpaceUri" : null
,"UserPoolId" : {
 "beanStyleGetterMethodName" : "getUserPoolId",
 "beanStyleSetterMethodName" : "setUserPoolId",
 "c2jName" : "UserPoolId",
 "c2jShape" : "UserPoolId",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #userPoolId(String)].
@returns Returns a reference to this object so that method calls can be chained together.
@see #userPoolId(String)"
,"deprecated" : false,
 "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "null",
 "fluentEnumSetterMethodName" : "null",
 "fluentGetterMethodName" : "userPoolId",
 "fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.
@returns Returns a reference to this object so that method calls can be chained together.</p>",
 "fluentSetterMethodName" : "userPoolId",
 "getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
}"
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UserPoolId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UserPoolId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null}
"nonStreamingMembers" : [ }
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication. This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to the consumer that will call methods on it.

@methodReturn Returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)"
, "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)",
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@return Specifies the option to enable Cognito for Kibana authentication.
@see #enabled(Boolean)",
  "getterModel" : { "returnType" : "Boolean", "documentation" : null },
  "http" : { "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false },
  "idempotencyToken" : false,
  "isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication. 
@param enabled Specifies the option to enable Cognito for Kibana authentication. 
"setterMethodName" : "setEnabled",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getUserPoolId",
"beanStyleSetterMethodName" : "setUserPoolId",
"c2jName" : "UserPoolId",
"c2jShape" : "UserPoolId",
"defaultValueConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication. 
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #userPoolId(String) }. 
@param userPoolId a consumer that will call methods on { @link String.Builder } 
@return Returns a reference to this object so that method calls can be chained together. 
@see #userPoolId(String)
" deprecated" : false,
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication. </p>",
"enumType" : null,
"eventTypeHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getIdentityPoolId",
"beanStyleSetterMethodName" : "setIdentityPoolId",
"c2jName" : "IdentityPoolId",
"c2jShape" : "IdentityPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #identityPoolId(String)}.

@return Returns a reference to this object so that method calls can be chained together.
@see #identityPoolId(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "identityPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@returns a reference to this object so that method calls can be chained together.
@see #identityPoolId(String)",
"getterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@returns a reference to this object so that method calls can be chained together.
@see #identityPoolId(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD"
"marshallLocationName": "IdentityPoolId",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "IdentityPoolId",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "IdentityPoolId",
"setterDocumentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName": "setIdentityPoolId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "identityPoolId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "identityPoolId",
  "variableType": "String",
  "documentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getRoleArn",
  "beanStyleSetterMethodName": "setRoleArn",
  "c2jName": "RoleArn",
  "c2jShape": "RoleArn",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #roleArn(String)].\n@param roleArn a consumer that will call methods on [@link String.Builder]\n@returns a reference to this object so that method calls can be chained together.\n@see #roleArn(String)"
"deprecated": false,
"documentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "roleArn",
"fluentSetterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "roleArn",
"getterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "RoleArn",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "RoleArn",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "RoleArn",
"setterDocumentation": "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>\n@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethod": {
  "returnType": "String",
  "documentation": null
},
"streaming": false,
"target": null,
"targetMethodName": null,
"targetSelector": null,
"targetType": null,
accessing Cognito resources.

"setterMethodName" : "setRoleArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "CognitoOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"wrapper" : false
},
"CognitoOptionsStatus" : {
  "c2jName" : "CognitoOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Status of the Cognito options for the specified Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusAndCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  { 
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "CognitoOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the \{ @link CognitoOptions.Builder \} avoiding the need to create one manually via \{ @link CognitoOptions#builder() \}. When the \{ @link Consumer \} completes, \{ @link CognitoOptions.Builder#build() \} is called immediately and its result is passed to \{ @link #options(CognitoOptions) \}.\n@see \#options(CognitoOptions)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>\n@returns Returns a reference to this object so that method calls can be chained together.\n@see \#options(CognitoOptions)",
    "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "returnType" : "CognitoOptions",
    "documentation" : null
  },
  { 
    "http" : 
      { 
        "additionalMarshallingPath" : null,
        "http" : 
          { 
            "skipGeneratingUnmarshaller" : false,
            "staxTargetDepthOffset" : 0
          },
          "deprecated" : false,
          "documentation" : "<p>Status of the Cognito options for the specified Elasticsearch domain.</p>"
    }"}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
}, { 
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link OptionStatus.Builder#status(OptionStatus)}.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>

@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>

@getterspecification Returns the status of the Cognito options for the specified Elasticsearch domain.

@return Specifies the status of the Cognito options for the specified Elasticsearch domain.

getterModel" : {
  "returnType" : "OptionStatus",
  "documentation": null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
:idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
Specifies the status of the Cognito options for the specified Elasticsearch domain.

```java
@Param status Specifies the status of the Cognito options for the specified Elasticsearch domain.
```

```java
@Setter setOptions(Consumer<CognitoOptions> options)
```

```java
@deprecated
```

```
Specifies the Cognito options for the specified Elasticsearch domain.
```

```java
CognitoOptions options
```

```java
@see #options(CognitoOptions)
```

```java
CognitoOptions.Builder
```

```java
consumer a consumer that will call methods on
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```

```java
Options
```
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain.
\n@param options Specifies the Cognito options for the specified Elasticsearch domain.
\n@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "options",
"getterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain.
\n@return Specifies the Cognito options for the specified Elasticsearch domain."

"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "Options",

"setterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain.
\n@param options Specifies the Cognito options for the specified Elasticsearch domain."

"setterMethodIdName" : "setOptions",

"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the `{@link OptionStatus.Builder} avoiding the need to create one manually via `{@link OptionStatus#builder()}`. 
When the `{@link Consumer} completes, `{@link OptionStatus.Builder#build()} is called immediately and its result is passed to `{@link #status(OptionStatus)}. 
@see #status(OptionStatus)"
, "deprecated" : false,
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@see #status(OptionStatus)",
  "getterDocumentation" : "\n@see #status(OptionStatus)",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "Specifies the status of the Cognito options for the specified Elasticsearch domain.
  
  \</p>,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.
  
  \</p>,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
} ]}
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified
Elasticsearch domain.</p><p>This is a convenience that creates an instance of the { @link CognitoOptions.Builder}
avoiding the need to create one manually via { @link CognitoOptions.Builder#builder()}.\nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(CognitoOptions)}.\n@\n@param options a consumer that will call methods on { @link
CognitoOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(CognitoOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p><p>Specifies the Cognito options for the specified Elasticsearch domain.</p><p>Specifies the Cognito options for the specified Elasticsearch domain.</p><p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>
@\n@param options Specifies the Cognito options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained
together.
@see #options(CognitoOptions)",
"getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch
domain.</p>
@return Specifies the Cognito options for the specified Elasticsearch domain.
",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "complexType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "options",
  "complexType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
{"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
When the { @link OptionStatus.Builder } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link OptionStatus.Builder }.
@returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : false,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "status",
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",}
"variableType" : "OptionStatus",
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain. </p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}]

"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "CognitoOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptionsStatus",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"wrapper" : false
}

"CompatibleVersionsMap" : {
  "c2jName" : "CompatibleVersionsMap",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> A map from an <code> <a>ElasticsearchVersion</a> </code> to a list of compatible <code> <a>ElasticsearchVersion</a> </code> s to which the domain can be upgraded. </p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
The current version of Elasticsearch on which a domain is. This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #sourceVersion(String). @param sourceVersion a consumer that will call methods on @link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #sourceVersion(String)

"deprecated" : false,
"documentation" : "The current version of Elasticsearch on which a domain is.\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "sourceVersion",
"fluentSetterDocumentation" : "The current version of Elasticsearch on which a domain is.\n@param sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "sourceVersion",
"getterDocumentation" : "The current version of Elasticsearch on which a domain is.\n@return The current version of Elasticsearch on which a domain is.\n"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SourceVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SourceVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@param sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
"beanStyleGetterMethodName" : "getTargetVersions",
"beanStyleSetterMethodName" : "setTargetVersions",
"c2jName" : "TargetVersions",
"c2jShape" : "ElasticsearchVersionList",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.

This is a convenience that creates an instance of the [List<String>.Builder] avoiding the need to create one manually via [List<String>#builder()]. When the [Consumer] completes, [List<String>.Builder#build()] is called immediately and its result is passed to [targetVersions(List<String>)].

@returns Returns a reference to this object so that method calls can be chained together.

@see #targetVersions(List<String>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "targetVersions",
"fluentSetterDocumentation": "Sets the value of the TargetVersions property for this object.

@param targetVersions The new value for the TargetVersions property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "targetVersions",
"getterDocumentation": "Returns the value of the TargetVersions property for this object.

<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return The value of the TargetVersions property for this object.",
"getterModel": {
  "returnType": "java.util.List<String>",
  "documentation": null
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"http": {
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  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
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  "marshallLocationName": "TargetVersions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "TargetVersions",
  "uri": false
},
"idempotencyToken": false,
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"jsonValue": false,
"list": true,
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  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
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    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.\n
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].\n
@param member a consumer that will call methods on [@link String.Builder]\n
@return Returns a reference to this object so that method calls can be chained together.\n
@see #member(String)",
  "deprecated": false,
"documentation" : "", "enumType" : null, "eventHeader" : false, "eventPayload" : false, "fluentEnumGetterMethodName" : null, "fluentEnumSetterMethodName" : null, "fluentGetterMethodName" : "member", "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.", "fluentSetterMethodName" : "member", "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.", "getterModel" : { "returnType" : "String", "documentation" : null }, "http" : { "additionalMarshallingPath" : null, "additionalUnmarshallingPath" : null, "flattened" : false, "greedy" : false, "header" : false, "isPayload" : false, "isStreaming" : false, "location" : null, "marshallLocation" : "PAYLOAD", "marshallLocationName" : "member", "queryString" : false, "statusCode" : false, "unmarshallLocationName" : "member", "uri" : false }, "idempotencyToken" : false, "isBinary" : false, "jsonValue" : false, "list" : false, "listModel" : null, "map" : false, "mapModel" : null, "marshallingType" : "STRING", "name" : "Member", "setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.", "setterMethodName" : "setMember", "setterModel" : { "variableDeclarationType" : "String", "variableName" : "member", "variableType" : "String" }}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
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"simple" : true,
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"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
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"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.

@param

targetVersions The new value for the TargetVersions property for this object."
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"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
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"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>"}
"documentation" : "",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
"SourceVersion" : {
"beanStyleGetterMethodName" : "getSourceVersion",
"beanStyleSetterMethodName" : "setSourceVersion",
"c2jName" : "SourceVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to the consumer that will call methods on a consumer that will call methods on

```
@see #sourceVersion(String)
```

"deprecated" : false,
"documentation" : "The current version of Elasticsearch on which a domain is.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "sourceVersion",
"fluentSetterDocumentation" : "The current version of Elasticsearch on which a domain is.
@see #sourceVersion(String)"

"fluentSetterMethodName" : "sourceVersion",
"getterDocumentation" : "The current version of Elasticsearch on which a domain is.
@see #sourceVersion(String)"

"getterModel" : {
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"documentation" : null
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"header" : false,
"isPayload" : false,
"isStreaming" : false,
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"marshallLocationName" : "SourceVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SourceVersion",
"uri" : false
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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@param sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName" : "setSourceVersion",
"setterModel" : {
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  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"TargetVersions" : {
  "beanStyleGetterMethodName" : "getTargetVersions",
  "beanStyleSetterMethodName" : "setTargetVersions",
  "c2jName" : "TargetVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\nThis is a convenience that creates an instance of the \n{@link List<String>.Builder} avoiding the need to create one manually via \n{@link List<String>#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link List<String>.Builder#build()} is called immediately and its result is passed to \n{@link #targetVersions(List<String>)}.\n@param targetVersions a consumer that will call methods on \n{@link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersions(List<String>)"
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersions",
"fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.

@param

return

The new value for the TargetVersions property for this object.

@returns

Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "targetVersions",
"getterDocumentation" : ""Returns the value of the TargetVersions property for this object.
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return

The value of the TargetVersions property for this object.
",
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},
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
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  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
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  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #member(String).

The new value for the Member property for this object.

@returns a reference to this object so that method calls can be chained together.

### Member

The value of the Member property for this object.

@returns a reference to this object so that method calls can be chained together.

@see #member(String)
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
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"variableType" : "String",
"documentation" : null,
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"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.

@param targetVersions The new value for the TargetVersions property for this object.",
"setterMethodName" : "setTargetVersions",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getSourceVersion",
  "beanStyleSetterMethodName" : "setSourceVersion",
  "c2jName" : "SourceVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link String.Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #sourceVersion(String)}. @param sourceVersion a consumer that will call methods on this object so that method calls can be chained together.
@see #sourceVersion(String)",
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  "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
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  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "sourceVersion",
  "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@param sourceVersion The current version of Elasticsearch on which a domain is.
@return Returns a reference to this object so that method calls can be chained together.
@see #sourceVersion(String)",
  "getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@return The current version of Elasticsearch on which a domain is.
@see #sourceVersion(String)",
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    "documentation" : null
  },
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    "additionalUnmarshallingPath" : null,
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    "greedy" : false,
    "header" : false,
"isPayload" : false,
"isStreaming" : false,
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"marshallLocationName" : "SourceVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SourceVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
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"name" : "SourceVersion",
"setterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@param
sourceVersion The current version of Elasticsearch on which a domain is.",
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  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
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  "variableName" : "sourceVersion",
  "variableType" : "String",
  "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getTargetVersions",
"beanStyleSetterMethodName" : "setTargetVersions",
"c2jName" : "TargetVersions",
"c2jShape" : "ElasticsearchVersionList",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the TargetVersions property for this
object.\n\nThis is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to
create one manually via \{@link List\langle String\rangle#builder\}.\n
When the \{@link Consumer\} completes, \{@link List\langle String\rangle.Builder#build\} is called immediately and its result is passed to \{@link #targetVersions(List\langle String\rangle\}).\n
@param targetVersions a consumer that will call methods on \{@link List\langle String\rangle.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n
@see #targetVersions(List\langle String\rangle)"

"deprecated" : false,
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"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "Sets the value of the TargetVersions property for this object.\n
@param targetVersions The new value for the TargetVersions property for this object.\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "targetVersions",
"getterDocumentation" : "Returns the value of the TargetVersions property for this object.\n
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n
@return The value of the TargetVersions property for this object."
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  "documentation" : null
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"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {

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"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #member(String)}.\n\n@see #member(String)"

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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThe new value for the Member property for this object.\n\n@see #member(String)"

"getters" : {
"getMember" : {
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(String)"

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"documentation" : null
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"http" : {
"additionalMarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
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"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
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  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param targetVersions The new value for the TargetVersions property for this object."
"setterMethodName" : "setTargetVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"}
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"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": {
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  "locationName": null,
  "requestUri": "/2015-01-01/es/domain",
  "target": null,
  "verb": "POST",
  "xmlNameSpaceUri": null
},

"members": [
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    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].
@param domainName a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
    "deprecated": false,
    "documentation": "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "domainName",
    "fluentSetterDocumentation": "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).";
    "@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "domainName"
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the result is passed to {@link ElasticsearchVersion(String)}. Returns a reference to this object so that method calls can be chained together.
  "deprecated" : false,
  "documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>."}
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Return

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.

@return String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.

getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.

@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.
"
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfig)} a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} a reference to this object so that method calls can be chained together. See #elasticsearchClusterConfig(ElasticsearchClusterConfig).",
"deprecated" : false,
"documentation" : "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfig)} a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} a reference to this object so that method calls can be chained together. See #elasticsearchClusterConfig(ElasticsearchClusterConfig).",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfig)} a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} a reference to this object so that method calls can be chained together. See #elasticsearchClusterConfig(ElasticsearchClusterConfig)."
cluster.

\@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "elasticsearchClusterConfig",

"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",

"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "ElasticsearchClusterConfig",

"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\@param ElasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.",

"setterMethodName" : "setElasticsearchClusterConfig",

"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},

"simple" : false,

"simpleType" : false,
"variable" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "elasticsearchClusterConfig",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
  },
  "xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}. When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link #ebsOptions(EBSOptions)}.

When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link #ebsOptions(EBSOptions)}.\n@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptions)",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptions)",
"getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
Options to enable, disable and specify the type and size of EBS storage volumes.

Set method documentation:

```java
public void setEbsOptions(EBSOptions ebsOptions)
```

Options to enable, disable and specify the type and size of EBS storage volumes.

Default consumer fluent setter documentation:

```
@DefaultConsumerFluentSetter
```

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [@link Consumer] completes, [link]
String.Builder#build()} is called immediately and its result is passed to @{link accessPolicies(String)}.

@param accessPolicies a consumer that will call methods on @{link String.Builder}

@return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)
"setterMethodpageTitle" : "$accessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.</p>
       This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}.\n\nWhen the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptions)}\n\n@para snapshotOptions a consumer that will call methods on { @link SnapshotOptions.Builder}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n\n@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.</p>
\n\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.</p>
\n\n@para snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n\n@fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.

"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "SnapshotOptions",

"setterDocumentation" : "@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. 

@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. 

"setterMethodName" : "setSnapshotOptions",

"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions"}
"variableType": "SnapshotOptions",
"documentation": "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>",
"simpleType": "SnapshotOptions",
"variableSetterType": "SnapshotOptions"
},
"xmlnsSpaceUri": null
},
"beanStyleGetterMethodName": "getVpcOptions",
"beanStyleSetterMethodName": "setVpcOptions",
"c2jName": "VPCOptions",
"c2jShape": "VPCOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;

This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}. When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link VPCOptions(VPCOptions)}.

When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link VPCOptions(VPCOptions)}.

@see #vpcOptions(VPCOptions)",
"deprecated": false,
"documentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "vpcOptions",
"fluentSetterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "vpcOptions",
"getterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;

@see #vpcOptions(VPCOptions)";
"getterModel": {
  "returnType": "VPCOptions",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCOptions",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "SDK_POJO",

"name": "VPCOptions",

"setterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"setterMethodName": "setVpcOptions",

"setModel": {
  "variableDeclarationType": "VPCOptions",
  "variableName": "vpcOptions",
  "variableType": "VPCOptions",
  "documentation": null,
  "simpleType": "VPCOptions",
  "variableSetterType": "VPCOptions"
},

"simple": false,

"timestampFormat": null,

"variable": {"getterModel": {
  "returnType": "VPCOptions",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCOptions",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "SDK_POJO",

"name": "VPCOptions",

"setterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"setterMethodName": "setVpcOptions",

"setModel": {
  "variableDeclarationType": "VPCOptions",
  "variableName": "vpcOptions",
  "variableType": "VPCOptions",
  "documentation": null,
  "simpleType": "VPCOptions",
  "variableSetterType": "VPCOptions"
},

"simple": false,

"timestampFormat": null,

"variable": {

"variableDeclarationType" : "VPCOptions",
"variableName" : "vpcOptions",
"variableType" : "VPCOptions",
"documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"simpleType" : "VPCOptions",
"variableSetterType" : "VPCOptions",
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

This is a convenience that creates an instance of the CognitoOptionsBuilder avoiding the need to create one manually via CognitoOptions#builder(). When the Consumer completes, CognitoOptionsBuilder#build() is called immediately and its result is passed to CognitoOptions.Builder\n
@see #cognitoOptions(CognitoOptions)"
"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@see #cognitoOptions(CognitoOptions)"
"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@see #cognitoOptions(CognitoOptions)"
Amazon Cognito Authentication for Kibana

For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).

```java
public void setCognitoOptions(CognitoOptions cognitoOptions) {
    this.cognitoOptions = cognitoOptions;
}
```

Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).
"variableDeclarationType" : "CognitoOptions",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptions",
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null,
},
"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
This is a convenience that creates an instance of the {@link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via {@link EncryptionAtRestOptions#builder()}. When the {@link Consumer} completes, {@link EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to a consumer that will call methods on a consumer that will return a reference to this object so that method calls can be chained together.

@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param encryptionAtRestOptions Specifies the Encryption At Rest Options.
@return Returns a reference to this object so that method calls can be chained together.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@return Specifies the Encryption At Rest Options.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"isType" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>@param encryptionAtRestOptions Specifies the Encryption At Rest Options."
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : null,
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptions#builder()}.\n\nWhen the {@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to
nodeToNodeEncryptionOptions a consumer that will call methods on

return Returns a reference to this object so that method calls can be chained together.

@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)"

"deprecated" : false,
"documentation" : "&lt;p&gt;Specifies the NodeToNodeEncryptionOptions.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "&lt;p&gt;Specifies the NodeToNodeEncryptionOptions.&lt;/p&gt;",
"getterDocumentation" : "&lt;p&gt;Specifies the NodeToNodeEncryptionOptions.&lt;/p&gt;

@return Specifies the NodeToNodeEncryptionOptions.

"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "&lt;p&gt;Specifies the NodeToNodeEncryptionOptions.&lt;/p&gt;"

@return Returns a reference to this object so that method calls can be chained together.

@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)"
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.

"setterMethodName" : "setNodeToNodeEncryptionOptions",

"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},

"xmlNameSpaceUri" : null

"beanStyleGetterMethodName" : "getAdvancedOptions",

"beanStyleSetterMethodName" : "setAdvancedOptions",

c2jName" : "AdvancedOptions",

c2jShape" : "AdvancedOptions",

"defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-create-domain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the [Map<String,String>.Builder] avoiding the need to create one manually via [Map<String,String>#builder()].

When the [@link Map<String,String>.Builder.Builder#build()] is called immediately and its result is passed to [@link Map<String,String>.Builder.Builder#build()] a consumer that will call methods on [@link Map<String,String>.Builder.Builder] and return a reference to this object so that method calls can be chained together.

"deprecated" : false,

"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-create-domain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.<br/>\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p><p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>@return Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"getterModel" : {
    "returnType" : "java.util.Map<String,String>",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdvancedOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AdvancedOptions",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
        "beanStyleGetterMethodName" : "getKey",
        "beanStyleSetterMethodName" : "setKey",
        "c2jName" : "key",
        "c2jShape" : "String",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.  
This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder().  
When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #key(String)).  
@return Returns a reference to this object so that method calls can be chained together.  
@see #key(String)",
        "deprecated" : false,
        "documentation" : "",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "key",
        "fluentSetterDocumentation" : "Sets the value of the Key property for this object.  
A convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder().  
When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #key(String)).  
@return Returns a reference to this object so that method calls can be chained together.  
@see #key(String)",
        "fluentSetterMethodName" : "key",
        "getterDocumentation" : "Returns the value of the Key property for this object.
        @return The value of the Key property for this object.",
        "getterModel" : {
            "returnType" : "String",
            "documentation" : null
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
            "header" : false,
            "isPayload" : false,
            "isStreaming" : false,
            "location" : null,
            "marshallLocation" : "PAYLOAD",
            "marshallLocationName" : "key",
            "queryString" : false,
            "statusCode" : false,
            "unmarshallLocationName" : "key",
            "uri" : false
    }
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}.

@param value a consumer that will call methods on { @link String.Builder}.
@returns Returns a reference to this object so that method calls can be chained together.
@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "value",
"fluentSetterDocumentation": "Sets the value of the Value property for this object.

@returns {value} The new value for the Value property for this object.

@returns {null} Returns a reference to this object so that method calls can be chained together.,",
"fluentSetterMethodName": "value",
"getDocumentation": "Returns the value of the Value property for this object.

@returns {value} The value of the Value property for this object.

@returns {null} Returns a reference to this object so that method calls can be chained together.,",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "value",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "value",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@returns {null} Returns a reference to this object so that method calls can be chained together.,",
"setterMethodName": "setValue",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "value",
"variableType": "String",
"documentation": null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "&lt;p&gt; Option to allow references to indices in an HTTP request body. Must be &lt;code&gt;false&lt;/code&gt; when configuring access to individual sub-resources. By default, the value is &lt;code&gt;true&lt;/code&gt;. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"&gt;Configuration Advanced Options&lt;/a&gt; for more information.&lt;/p&gt;&lt;p&gt;When configuring access to individual sub-resources. By default, the value is &lt;code&gt;true&lt;/code&gt;.&lt;/p&gt;&lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"&gt;Configuration Advanced Options&lt;/a&gt; for more information."",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "&lt;p&gt; Option to allow references to indices in an HTTP request body. Must be &lt;code&gt;false&lt;/code&gt; when configuring access to individual sub-resources. By default, the value is &lt;code&gt;true&lt;/code&gt;. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"&gt;Configuration Advanced Options&lt;/a&gt; for more information."",
  "setterMethodName" : "setAdvancedOptions",
  "setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "advancedOptions",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "advancedOptions",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : "&lt;p&gt; Option to allow references to indices in an HTTP request body. Must be &lt;code&gt;false&lt;/code&gt; when configuring access to individual sub-resources. By default, the value is &lt;code&gt;true&lt;/code&gt;.&lt;/p&gt;&lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"&gt;Configuration
Advanced Options for more information.

```
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the {Object} avoiding the need to create one manually via {Object}. When the {Consumer} completes, {Object} is called immediately and its result is passed to {Object}. A consumer that will call methods on {Object}

```
Map<String,LogPublishingOption>.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

```
enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

```
mapOfLogTypeAndLogPublishingOption, each containing options to publish a given type of Elasticsearch log.

```
getterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

```
getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"returnType" : "String",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "key",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "key",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
 "listModel" : null,
"map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "Key",
 "setterDocumentation" : "Sets the value of the Key property for this object.\n @param key The new value for the Key property for this object.\n @see LogType",
 "setterMethodName" : "setKey",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "key",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
"valueLocationName" : "value",
"valueModel" : {
   "beanStyleGetterMethodName" : "getValue",
   "beanStyleSetterMethodName" : "setValue",
   "c2jName" : "value",
   "c2jShape" : "LogPublishingOption",
   "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create one manually via {@link LogPublishingOption.Builder#builder()}. When the {@link Consumer} completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link #value(LogPublishingOption)}.  

@see #value(LogPublishingOption)",
   "deprecated" : false,
   "documentation" : "",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "value",
   "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@see #value(LogPublishingOption)",
   "fluentSetterMethodName" : "value",
   "getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.

@see #value(LogPublishingOption)",
   "getterModel" : {
      "returnType" : "LogPublishingOption",
      "documentation" : null
   },
   "http" : {
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      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "value",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "value",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@\n\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "\n\nMap of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
\n@\n\n@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log."
,"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>"
"documentation": null,
"simpleType": "java.util.Map<String,LogPublishingOption>",
"variableSetterType": "java.util.Map<String,LogPublishingOption>",
},
"simple": false,
"timestampFormat": null,
"variable": {

"variableDeclarationType": "java.util.Map<String,LogPublishingOption>",
"variableName": "logPublishingOptions",
"variableType": "java.util.Map<String,LogPublishingOption>",
"documentation": "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
"simpleType": "Map<String,LogPublishingOption>",
"variableSetterType": "java.util.Map<String,LogPublishingOption>",
},
"xmlNameSpaceUri": null
}]

"membersAsMap": {
"AccessPolicies": {

"beanStyleGetterMethodName": "getAccessPolicies",
"beanStyleSetterMethodName": "setAccessPolicies",
"c2jName": "AccessPolicies",
"c2jShape": "PolicyDocument",
"defaultConsumerFluentSetterDocumentation": "<p> IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. 
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. 
@param accessPolicies a consumer that will call methods on { @link String.Builder} 
@return Returns a reference to this object so that method calls can be chained together. 
@see #accessPolicies(String)",
"deprecated": false,
"documentation": "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "accessPolicies",
"fluentSetterDocumentation": "<p> IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string. 
@return Returns a reference to this object so that method calls can be chained together. 
"fluentSetterMethodName": "accessPolicies",
"getterDocumentation": "<p> IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.";
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string."

"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : {


"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. &lt;/p&gt;

This is a convenience that creates an instance of the Map&lt;String,String&gt;.Builder avoiding the need to create one manually via Map&lt;String,String&gt;#builder().

When the Consumer completes, Map&lt;String,String&gt;#build() is called immediately and its result is passed to Map&lt;String,String&gt;.

@returns Returns a reference to this object so that method calls can be chained together.

@see Map&lt;String,String&gt;#build()

@deprecated false,

"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. &lt;/p&gt;

This is a convenience that creates an instance of the Map&lt;String,String&gt;.Builder avoiding the need to create one manually via Map&lt;String,String&gt;#builder().

When the Consumer completes, Map&lt;String,String&gt;#build() is called immediately and its result is passed to Map&lt;String,String&gt;.

@returns Returns a reference to this object so that method calls can be chained together.

@see Map&lt;String,String&gt;#build()

@deprecated false,

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. &lt;/p&gt;

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@returns Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. &lt;/p&gt;

@returns Returns a reference to this object so that method calls can be chained together.

@see Map&lt;String,String&gt;#build()

@deprecated false,

"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. &lt;/p&gt;

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@returns Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."}
"getterModel": {  
  "returnType": "java.util.Map<String,String>",  
  "documentation": null  
},  
"http": {  
  "additionalMarshallingPath": null,  
  "additionalUnmarshallingPath": null,  
  "flattened": false,  
  "greedy": false,  
  "header": false,  
  "isPayload": false,  
  "isStreaming": false,  
  "location": null,  
  "marshallLocation": "PAYLOAD",  
  "marshallLocationName": "AdvancedOptions",  
  "queryString": false,  
  "statusCode": false,  
  "unmarshallLocationName": "AdvancedOptions",  
  "uri": false  
},  
"idempotencyToken": false,  
"isBinary": false,  
"jsonValue": false,  
"list": false,  
"listModel": null,  
"map": true,  
"mapModel": {  
  "implType": "java.util.HashMap",  
  "interfaceType": "java.util.Map",  
  "keyLocationName": "key",  
  "keyModel": {  
    "beanStyleGetterMethodName": "getKey",  
    "beanStyleSetterMethodName": "setKey",  
    "c2jName": "key",  
    "c2jShape": "String",  
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #key(String)}. param key a consumer that will call methods on {link String.Builder} return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",  
    "deprecated": false,  
    "documentation": "",  
    "enumType": null,  
    "eventHeader": false,  
    "eventPayload": false,  
    "fluentEnumGetterMethodName": null,  
    "fluentEnumSetterMethodName": null,  
  }  
}  
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #key(String)}.

```
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n\n@return The value of the Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder#build] is called immediately and its result is passed to [value(String)].

@see #value(String)
  @param value a consumer that will call methods on [String.Builder]
  @return Returns a reference to this object so that method calls can be chained together.
  @see #value(String)
  @deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "value",
  "fluentSetterDocumentation": "Sets the value of the Value property for this object. The new value for the Value property for this object. Returns a reference to this object so that method calls can be chained together."
  "fluentSetterMethodName": "value",
  "getterDocumentation": "Returns the value of the Value property for this object."
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
,
"setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>
",
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be<br/>\n\t<code>false</code> when configuring access to individual sub-resources. By default, the value is

@name advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

setterMethodName": "setAdvancedOptions",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>",
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": "Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>",
},
"xmlNameSpaceUri": null
},
"CognitoOptions": {
  "beanStyleGetterMethodName": "getCognitoOptions",
  "beanStyleSetterMethodName": "setCognitoOptions",
  "c2jName": "CognitoOptions",
  "c2jShape": "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation": "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}.

When the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link CognitoOptions(CognitoOptions)}.

@name cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder}.

@returns Returns a reference to this object so that method calls can be chained together.
@see #cognitoOptions(CognitoOptions)
  "deprecated": false,
  "documentation": "Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>."

@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. 

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "cognitoOptions",

"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>."

@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@override
return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see \(\text{\href{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\text{\_blank}}}{Amazon Cognito Authentication for Kibana}\).\</p>\n
\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see \(\text{\href{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html\text{\_blank}}}{Amazon Cognito Authentication for Kibana}\).",

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -(hyphen).\</p>\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.\n\n@param domainName a consumer that will call methods on \{@link String.Builder\}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number"
and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "domainName",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "domainName",
   "variableType" : "String",
   "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"EBSOptions" : {
   "beanStyleGetterMethodName" : "getEbsOptions",
   "beanStyleSetterMethodName" : "setEbsOptions",
   "c2jName" : "EBSOptions",
   "c2jShape" : "EBSOptions",
   "defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
This is a convenience that creates an instance of the [@link EBSOptions.Builder] avoiding the need to create one manually via [@link EBSOptions#builder()].
When the [@link Consumer] completes, [@link EBSOptions.Builder#build()] is called immediately and its result is passed to [@link #ebsOptions(EBSOptions)].
@param ebsOptions a consumer that will call methods on [@link EBSOptions.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptions)",
   "deprecated" : false,
   "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>",
   "enumType" : null,
   "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. \n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.\n@return Options to enable, disable and specify the type and size of EBS storage volumes.\n"getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSOptions",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.\n"setterMethodName" : "setEbsOptions",
"setterModel" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : null,
    "simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null,

"ElasticsearchClusterConfig" : {
    "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
    "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
    "c2jName" : "ElasticsearchClusterConfig",
    "c2jShape" : "ElasticsearchClusterConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}. \nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig#builder()}\n@ param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig#builder()}\n@ return Returns a reference to this object so that method calls can be chained together.\n@ see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
    "deprecated" : false,
    "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "null",
    "fluentEnumSetterMethodName" : "null",
    "fluentGetterMethodName" : "null",
    "fluentSetterMethodName" : "null",
    "getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>\n@ return Returns a reference to this object so that method calls can be chained together.\n@ see #elasticsearchClusterConfig(ElasticsearchClusterConfig)",
    "getterModel" : {
        "returnType" : "ElasticsearchClusterConfig",
        "documentation" : null
    }
}
Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. **\@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.**

```
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
}
```
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultValueConsumerFluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide in the <i>Amazon Elasticsearch Service Developer Guide</i>. When the <i>@link Consumer</i> completes, <i>@link String.Builder</i> is called immediately and its result is passed to <i>@link ElasticsearchVersion(String)</i>.<br>
@<i>param</i> elasticsearchVersion a consumer that will call methods on <i>@link String.Builder</i>
@returns Returns a reference to this object so that method calls can be chained together.
@see ElasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.
"getterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.
"getterModel" : {
"xmlNameSpaceUri" : null
},
"returnType" : "String",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

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"variableDeclarationType" : "String",
"variableName" : "elasticsearchVersion",
"variableType" : "String",
"documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see [http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains) in the Amazon Elasticsearch Service Developer Guide.",

"simpleType" : "String",
"variableSetterType" : "String"
],
"xmlNameSpaceUri" : null
},
"EncryptionAtRestOptions" : {
"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "Specifies the Encryption At Rest Options."

This is a convenience that creates an instance of the EncryptionAtRestOptions.Builder avoiding the need to create one manually via EncryptionAtRestOptions.builder(). When the Consumer completes, EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to EncryptionAtRestOptions(EncryptionAtRestOptions).

@see EncryptionAtRestOptions(EncryptionAtRestOptions)

\n@Param encryptionAtRestOptions a consumer that will call methods on EncryptionAtRestOptions.Builder

@return Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "Specifies the Encryption At Rest Options."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "Specifies the Encryption At Rest Options."
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "Specifies the Encryption At Rest Options."
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"marshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param
encryptionAtRestOptions Specifies the Encryption At Rest Options.\
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : null,
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "EncryptionAtRestOptions",
 "variableName" : "encryptionAtRestOptions",
 "variableType" : "EncryptionAtRestOptions",
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "simpleType" : "EncryptionAtRestOptions",
 "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"LogPublishingOptions" : {
 "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStringStrings",
 "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStringStrings",
 "c2jName" : "LogPublishingOptions",
 "c2jShape" : "LogPublishingOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the [Map&lt;String,LogPublishingOption&gt;.Builder] avoiding the need to create one manually via [Map&lt;String,LogPublishingOption&gt;#builder()].

When the [Map&lt;String,LogPublishingOption&gt;.Builder#build()] is called immediately and its result is passed to [Map&lt;String,LogPublishingOption&gt;AsStrings(Map&lt;String,LogPublishingOption&gt;)].

@deprecated

@return Returns a reference to this object so that method calls can be chained together.

@see #logPublishingOptionsWithStrings(Map&lt;String,LogPublishingOption&gt;)

```
"documentation" : ": <p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : ": <p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p> and

returning a reference to this object so that method calls can be chained together.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.


"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the \n{@link String.Builder} avoiding the need to create one manually via \n{@link String#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link String.Builder#build()} is called immediately and its result is passed to \n{@link #keyAsString(String)}\n\n@see \n[#key(String)\n\n@deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@see LogType\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
  "getterDocumentation" : "Returns the value of the Key property for this object.\nIf the service returns an enum value that is not available in the current SDK version, \n{@link LogType#UNKNOWN_TO_SDK_VERSION} will return \n{@link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from \n{@link #keyAsString}.\n\n@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
This is a convenience that creates an instance of the \{link LogPublishingOption.Builder\} avoiding the need to create one manually via \{link LogPublishingOption#builder()\}. When the \{link Consumer\} completes, \{link LogPublishingOption.Builder#build()\} is called immediately and its result is passed to \{link LogPublishingOption.Builder#value(LogPublishingOption)\}.

@return Returns a reference to this object so that method calls can be chained together.

@param value a consumer that will call methods on \{link LogPublishingOption.Builder\}

@see #value(LogPublishingOption)"
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "java.util.Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>"
"documentation" : "<p>Map of `<code>LogType</code>` and `<code>LogPublishingOption</code>`, each containing options to publish a given type of Elasticsearch log.</p>",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>",
"xmlNameSpaceUri" : null,
"NodeToNodeEncryptionOptions" : {
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>This is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions#builder()} avoiding the need to create one manually via { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. When the { @link Consumer} completes, { @link NodeToNodeEncryptionOptions.Builder#build()} a consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} and @return Returns a reference to this object so that method calls can be chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethod" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
@return Returns a reference to this object so that method calls can be chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
"getterModel" : {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param

nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.

"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
"simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlnsSpaceUri" : null
],
"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>

This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder().

When the {@link Consumer} completes, {@link
SnapshotOptions.Builder#build() is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions) }. @param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder } @return Returns a reference to this object so that method calls can be chained
together. @see #snapshotOptions(SnapshotOptions)
"deprecated" : false,
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0
hours. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>
@param snapshotOptions Option to set time, in UTC format, of the daily automated
snapshot. Default value is 0 hours.
@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default
value is 0 hours. </p>
@return Option to set time, in UTC format, of the daily automated snapshot. Default value is
0 hours. ",
"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCOptions",
  "defaultConsumerFluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \n<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=_\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i> \nThis is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions#builder()\}. \nWhen the \{@link Consumer\} completes, \{@link VPCOptions.Builder#build()\} is called immediately and its result is passed to \{@link VPCOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together. \n@see \#vpcOptions(VPCOptions)\",
  "deprecated" : false,
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \n<a href=\"http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc\" target=_\_blank\">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i> \n\n@see \#vpcOptions(VPCOptions)\",
  "enumType" : null,
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "&lt;p&gt;Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;&lt;p&gt;\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;&lt;\n@return Returns a reference to this object so that method calls can be chained together.\&quot;

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "&lt;p&gt;Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;&lt;\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;&lt;\n
"getterModel" : { 
"returnType" : "VPCOptions",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCOptions",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#escreating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.<p>
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#escreating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
"setterMethodName" : "setVpcOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#escreating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.<p>
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are
creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names
must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and
-(hyphen).\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String.Builder()}\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String))\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)\n"",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are unique
across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>

@<p@param domainName The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>

@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>

@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@param domainName
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by
an account within an AWS region. Domain names must start with a letter or number and can contain the following
characters: a-z (lowercase), 0-9, and - (hyphen).
",
"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain that you are creating. Domain names are
unique across the domains owned by an account within an AWS region. Domain names must start with a letter or
number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
",
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the
Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a
href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-
createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service
Developer Guide</i>.</p>

This is a convenience that creates an instance of the [ @link String.Builder ] avoiding
the need to create one manually via [ @link String#builder() ].

When the [ @link Consumer ] completes, [ @link
String.Builder#build() ] is called immediately and its result is passed to [ @link
#elasticsearchVersion(String) ].

@returns a consumer that will call methods on [ @link
String.Builder ].

String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or
For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>

```json
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.

@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.\n@return String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ElasticsearchVersion",
"setterDocumentation": "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.\n\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.\n\n"setterMethodName": "setElasticsearchVersion",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "elasticsearchVersion",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "elasticsearchVersion",
    "variableType": "String",
    "documentation": "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide.\n\n@simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getElasticsearchClusterConfig",
"beanStyleSetterMethodName": "setElasticsearchClusterConfig",
"c2jName": "ElasticsearchClusterConfig",
"c2jShape": "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation": "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n\nThis is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder avoiding the need to create one manually via ElasticsearchClusterConfig#builder().\n\nWhen the Consumer completes, ElasticsearchDomains</n> in the Amazon Elasticsearch Service Developer Guide.\n\n"c2jName": "ElasticsearchClusterConfig",
"c2jShape": "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation": "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n\nThis is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder avoiding the need to create one manually via ElasticsearchClusterConfig#builder().\n\nWhen the Consumer completes, ElasticsearchDomains</n> in the Amazon Elasticsearch Service Developer Guide.\n\n"c2jName": "ElasticsearchClusterConfig",
"c2jShape": "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation": "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n\nThis is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder avoiding the need to create one manually via ElasticsearchClusterConfig#builder().\n\nWhen the Consumer completes, ElasticsearchDomains"};
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchClusterConfig(ElasticsearchClusterConfig)}.

@returns a reference to this object so that method calls can be chained together.

- @param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}.
- @returns a reference to this object so that method calls can be chained together.

  "deprecated" : false,
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>

- @param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.

  "getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>

- @return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.

  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchClusterConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchClusterConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
"marshallerType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. ".
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
,"simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}. When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link EBSOptions(EBSOptions).@param ebsOptions a consumer that will call methods on {@link EBSOptions.Builder}.@return Returns a reference to this object so that method calls can be chained together.@see #ebsOptions(EBSOptions)},"
"deprecated" : false,
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
,"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
@n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>

@return Options to enable, disable and specify the type and size of EBS storage volumes.

"getterModel" : {
"returnType" : "EBSOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>

@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.

"setterMethodName" : "setEbsOptions",
"setterModel" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "ebsOptions",
"variableType" : "EBSOptions",
"documentation" : null,
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "ebsOptions",
"variableType" : "EBSOptions",
"documentation" : null,
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"}
"variableName" : "ebsOptions",
"variableType" : "EBSOptions",
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}.<p>
@see #accessPolicies(String)
" deprecatd" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@see #accessPolicies(String)
" accessPolicies a consumer that will call methods on { @link String.Builder} immediately and its result is passed to { @link #accessPolicies(String)}.<p>
@return Returns a reference to this object so that method calls can be chained together.
" getAccessibility as a JSON-formatted string.
"getDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.

"setterMethodName" : "setAccessPolicies",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours."

This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #snapshotOptions(SnapshotOptions)}.

@returns a consumer a that will call methods on {@link SnapshotOptions.Builder} that can be chained
together.

@see #snapshotOptions(SnapshotOptions)

"deprecated" : false,
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>

@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.

@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>

@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.

"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
}

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value
is 0 hours. </p>@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.

```javascript
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.

  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
```

```javascript
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}. When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCOptions)}. Returns a reference to this object so that method calls can be chained together. See #vpcOptions(VPCOptions)

"deprecated" : false,
"documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterMethodName" : "setVpcOptions",
"getterMethodName" : "getVpcOptions",
"getterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

"simple" : false,
"fluentSetterDocumentation" : "&lt;p&gt;Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;.&lt;/p&gt;&lt;p&gt;&lt;/p&gt;&lt;p&gt;\n@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;.&lt;/p&gt;&lt;p&gt;\n@return Returns a reference to this object so that method calls can be chained together.&lt;\",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "&lt;p&gt;Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;.&lt;/p&gt;&lt;p&gt;\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;.&lt;\",
"getterModel" : {
  "returnType" : "VPCOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "&lt;p&gt;Options to specify the subnets and security groups for VPC endpoint. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"&gt;Creating a VPC&lt;/a&gt; in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;.&lt;/p&gt;&lt;p&gt;\n\n@returns Returns a reference to this object so that method calls can be chained together.\""}
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc">Creating a VPC</a> in VPC Endpoints for Amazon Elasticsearch Service Domains, Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains,

"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in VPC Endpoints for Amazon Elasticsearch Service Domains",
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}.

When the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link CognitoOptionsBuilder#returns}.

{ @link CognitoOptions,cognitoOptions(CognitoOptions).@returns Consumer a consumer that will call methods on { @link CognitoOptions.Builder#returns} a reference to this object so that method calls can be chained together.@returns Consumer a consumer that will call methods on { @link CognitoOptions.Builder#returns} a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</param>
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>.
"setterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>.
"setterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>.
"setterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>.
"setterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
Amazon Cognito Authentication for Kibana</a>

@param

cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
This is a convenience that creates an instance of the @link EncryptionAtRestOptions.Builder avoiding the need to create one manually via @link EncryptionAtRestOptions#builder().
When the @link Consumer completes, @link EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to @link EncryptionAtRestOptions(EncryptionAtRestOptions). This consumer that will call methods on @link EncryptionAtRestOptions.Builder@return returns a reference to this object so that method calls can be chained together.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)"
, "deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param encryptionAtRestOptions Specifies the Encryption At Rest Options.
@return Returns a reference to this object so
that method calls can be chained together.

"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@return Specifies the Encryption At Rest Options.",

"getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"JsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "EncryptionAtRestOptions",

"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param encryptionAtRestOptions Specifies the Encryption At Rest Options.",

"setterMethodName" : "setEncryptionAtRestOptions",

"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
}

"simple" : false,
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptions#builder()}. When the [@link Consumer] completes, [@link NodeToNodeEncryptionOptions.Builder#build()] is called immediately and its result is passed to<br/>{@link NodeToNodeEncryptionOptions#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}.<br/>@param nodeToNodeEncryptionOptions a consumer that will call methods on [@link NodeToNodeEncryptionOptions.Builder]<br/>\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)"
},
"deprecated" : false,
"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnum GetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.<br/>\n@return Returns a reference to this object so that method calls can be chained together.
"application/json" is a convenience that creates an instance of the<br/>{@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via<br/>[@link NodeToNodeEncryptionOptions#builder()]. When the [@link Consumer] completes,<br/>[@link NodeToNodeEncryptionOptions.Builder#build()] is called immediately and its result is passed to<br/>{@link NodeToNodeEncryptionOptions#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}.<br/>@param nodeToNodeEncryptionOptions a consumer that will call methods on [@link NodeToNodeEncryptionOptions.Builder]<br/>\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)"
},
"getterModel" : {
 "returnType" : "NodeToNodeEncryptionOptions",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",}
"marshallLocationName": "NodeToNodeEncryptionOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "NodeToNodeEncryptionOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "NodeToNodeEncryptionOptions",
"setterDocumentation": "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
"setterMethodName": "setNodeToNodeEncryptionOptions",
"setterModel": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": null,
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": "<p>Specifies the NodeToNodeEncryptionOptions.</p>
  simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getAdvancedOptions",
  "beanStyleSetterMethodName": "setAdvancedOptions",
  "c2jName": "AdvancedOptions",
  "c2jShape": "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation": "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
  This is a convenience that creates an instance of the { @link Map<String,String>.Builder } avoiding the need to create one manually via { @link
When the `@link Consumer` completes, the result is passed to `@link #advancedOptions(Map<String,String>)`. When configuring access to individual sub-resources, the default value is `false`. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

Option to allow references to indices in an HTTP request body. Must be `false` when configuring access to individual sub-resources. By default, the value is `true`. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`. When configuring access to individual sub-resources, the value is `true`. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder}.
When the { @link Consumer} completes, { @link String.Builder#build} is called immediately and its result is passed to { @link #key(String)}.
@param key a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.

The new value for the Key property for this object.

@return Returns a reference to this object so that method calls can be chained together.
",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.

@return The value of the Key property for this object.
",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  }
}
\}

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n@param key The new value for the Key property for this object.\n",
"setterMethodName" : "setKey",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
"valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to value(String). Returns a reference to this object so that method calls can be chained together.

@see value(String)",
"deprecated" : false,
"documentation" : "",
"eventType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>"
"variableName": "advancedOptions",
"variableType": "java.util.Map<String,String>",
"documentation": null,
"simpleType": "Map<String,String>",
"variableSetterType": "java.util.Map<String,String>
}
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.Map<String,String>",
"variableName": "advancedOptions",
"variableType": "java.util.Map<String,String>",
"documentation": "<p>Option to allow references to indices in an HTTP request body. Must be
<code>false</code> when configuring access to individual sub-resources. By default, the value is
Advanced Options</a> for more information. </p>",

"simpleType": "Map<String,String>",
"variableSetterType": "java.util.Map<String,String>",
"xmlNameSpaceUri": null
},
{"beanStyleGetterMethodName": "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName": "setLogPublishingOptionsWithStrings",
"c2jName": "LogPublishingOptions",
"c2jShape": "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Map of <code>LogType</code> and
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch
log. This is a convenience that creates an instance of the <code>Map<String,LogPublishingOption>.Builder</code>
avoiding the need to create one manually via <code>Map<String,LogPublishingOption>#builder()</code>. When the
<code>Consumer</code> completes, <code>Map<String,LogPublishingOption>.Builder#build()</code> is called immediately
and its result is passed to <code>Map<String,LogPublishingOption>.Builder#build()</code>. Returns a reference to this object so that method calls can be chained together.<a href="#logPublishingOptionsWithStrings">@see</a>
"logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated": false,
"documentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "logPublishingOptions",
"fluentEnumSetterMethodName": "logPublishingOptions",
"fluentGetterMethodName": "logPublishingOptionsAsStrings",
"fluentSetterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log. Returns a reference to this object so that method calls can be chained together.".,

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"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationExcepion.

return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

    @param key a consumer that will call methods on {@link String.Builder}

    @return Returns a reference to this object so that method calls can be chained together.

    @see #key(String)",
    "deprecated" : false,
    "getterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
    "getterModel" : {
      "returnType" : "java.util.Map<String,LogPublishingOption>",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "LogPublishingOptions",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "LogPublishingOptions",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : true,
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
],
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the LogPublishingOption.Builder avoiding the need to create one manually via LogPublishingOption.Builder(). When the Consumer completes, LogPublishingOption.Builder.value(LogPublishingOption).return Returns a reference to this object so that method calls can be chained together. See value(LogPublishingOption)."
,"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object. Return Returns a reference to this object so that method calls can be chained together. ."
,"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object. The value of the Value property for this object."
,"getterModel" : {
"returnType" : "LogPublishingOption",
"returnType" : "LogPublishingOption"}
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
,  
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
}.
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>
@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "CreateElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "CreateElasticsearchDomainRequest",
  "variableName" : "createElasticsearchDomainRequest",
  "variableType" : "CreateElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "CreateElasticsearchDomainRequest",
  "variableSetterType" : "CreateElasticsearchDomainRequest"
},
"wrapper" : false
"CreateElasticsearchDomainResponse" : {
  "c2jName" : "CreateElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status of the newly created Elasticsearch domain.\n</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [
    {
      "beanStyleGetterMethodName" : "getDomainStatus",
      "beanStyleSetterMethodName" : "setDomainStatus",
      "c2jName" : "DomainStatus",
      "c2jShape" : "ElasticsearchDomainStatus",
      "defaultConsumerFluentSetterDocumentation" : "\n<p>The status of the newly created Elasticsearch domain.\n</p>\nThis is a convenience that creates an instance of the \{@link ElasticsearchDomainStatus.Builder\} avoiding the need to create one manually via \{@link ElasticsearchDomainStatus#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link ElasticsearchDomainStatus.Builder#build()\} is called immediately and its result is passed to \{@link ElasticsearchDomainStatus(ElasticsearchDomainStatus)\}\n\n@param domainStatus a consumer that will call methods on \{@link ElasticsearchDomainStatus.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainStatus(ElasticsearchDomainStatus)\",
      "deprecated" : false,
      "documentation" : "<p>The status of the newly created Elasticsearch domain.\n</p>\n"enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "domainStatus",
      "fluentSetterDocumentation" : "\n<p>The status of the newly created Elasticsearch domain.\n</p>\n@param domainStatus The status of the newly created Elasticsearch domain.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
      "fluentSetterMethodName" : "domainStatus",
    }
  ]
}
"getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@return The status of the newly created Elasticsearch domain."
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param domainStatus The status of the newly created Elasticsearch domain."
"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus"}
"documentation" : "The status of the newly created Elasticsearch domain. 
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
] ],
"membersAsMap" : {
"DomainStatus" : {
"beanStyleGetterMethodName" : "getDomainStatus",
"beanStyleSetterMethodName" : "setDomainStatus",
"c2jName" : "DomainStatus",
"c2jShape" : "ElasticsearchDomainStatus",
"defaultConsumerFluentSetterDocumentation" : "The status of the newly created Elasticsearch domain. 
This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}. 
When the {@link Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchDomainStatus(ElasticsearchDomainStatus)}. 
@see #domainStatus(ElasticsearchDomainStatus)",
"deprecated" : false,
"documentation" : "The status of the newly created Elasticsearch domain. 
"enumType" : null,
"eventTypeHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "doma
return Returns a reference to this object so that method calls can be chained together.
@see #domainStatus(ElasticsearchDomainStatus)",
"fluentSetterMethodName" : "domainStatus",
"getFluentSetterDocumentation" : "The status of the newly created Elasticsearch domain. 
@param domainStatus The status of the newly created Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
"getterDocumentation" : "The status of the newly created Elasticsearch domain. 
@return The status of the newly created Elasticsearch domain.
"getterModel" : {
"returnType" : "ElasticsearchDomainStatus",
"documentation" : null
}
,"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatus",
"methodSignature" : "ElasticsearchDomainStatus"}
The status of the newly created Elasticsearch domain. 

@domainStatus The status of the newly created Elasticsearch domain.

.setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "The status of the newly created Elasticsearch domain. 
  The status of the newly created Elasticsearch domain.

This is a convenience that creates an instance of the ElasticsearchDomainStatus.Builder avoiding the need to create one manually via ElasticsearchDomainStatus.Builder#builder().

When the Consumer completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is passed to domainStatus a consumer that will call methods on
@link ElasticsearchDomainStatus.Builder\n@returns a reference to this object so that method calls can be chained together.
\n@see #domainStatus(ElasticsearchDomainStatus)"

"deprecated" : false,
"documentation" : "\n\n<p>The status of the newly created Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "\n\n<p>The status of the newly created Elasticsearch domain. </p>
\n@param domainStatus The status of the newly created Elasticsearch domain.\n@returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "\n\n<p>The status of the newly created Elasticsearch domain. </p>
\n@return The status of the newly created Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "\n\n<p>The status of the newly created Elasticsearch domain. </p>
\n@param domainStatus The status of the newly created Elasticsearch domain."

"setterMethodname" : "setDomainStatus".

---

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"setterModel": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": "The status of the newly created Elasticsearch domain."
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "CreateElasticsearchDomainResponse",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "CreateElasticsearchDomainResponse",
  "variableName": "createElasticsearchDomainResponse",
  "variableType": "CreateElasticsearchDomainResponse",
  "documentation": null,
  "simpleType": "CreateElasticsearchDomainResponse",
  "variableSetterType": "CreateElasticsearchDomainResponse"
},
"wrapper": false
},
"DeleteElasticsearchDomainRequest": {
  "c2jName": "DeleteElasticsearchDomainRequest",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  }
};
Container for the parameters to the `<code>DeleteElasticsearchDomain</code>` operation. Specifies the name of the Elasticsearch domain that you want to delete.

"deprecated" : false,
"documentation" : "The name of the Elasticsearch domain that you want to permanently delete.

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DeleteElasticsearchDomain",
  "locationName" : null,
  "requestUri" : "2015-01-01/es/domain/{DomainName}"
},
"members" : [
  {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete."
  }
],
"members" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete."
},
"deprecated" : false,
"documentation" : "The name of the Elasticsearch domain that you want to permanently delete.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete."
},
"param domainName The name of the Elasticsearch domain that you want to permanently delete."
  @return The name of the Elasticsearch domain that you want to permanently delete.
"getterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete.

"getterModel" : {
  "returnType" : "String",
  "returnType" : "String"
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "\n<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n\n@param domainName The name of the Elasticsearch domain that you want to permanently delete.,
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "\n<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\n"simpleType" : "String",
  "variableSetterType" : "String"
},
"XmlNodeSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultValueConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #domainName(String).@param domainName a consumer that will call methods on @link String.Builder@returns Returns a reference to this object so that method calls can be chained together.@see #domainName(String),
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
    "eventType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@param domainName The name of the Elasticsearch domain that you want to permanently delete.@returns Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@returns The name of the Elasticsearch domain that you want to permanently delete.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : "uri",
      "marshallLocation" : "PATH",
      "marshallLocationName" : "DomainName",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "DomainName",
      "uri" : true
    }
  }
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.\n@throws IllegalArgumentException If the supplied value is null or empty.
@since 1.16\n\n@deprecated\n\n@see \#domainName(String)",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
    "enumType" : null,
    "eventId" : false,
The name of the Elasticsearch domain that you want to permanently delete.

@returns Returns a reference to this object so that method calls can be chained together.

The name of the Elasticsearch domain that you want to permanently delete.

The name of the Elasticsearch domain that you want to permanently delete.

The name of the Elasticsearch domain that you want to permanently delete.
"variableSetterType" : "String",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : '<p>The name of the Elasticsearch domain that you want to permanently delete.</p>',
  "simpleType" : "String",
  "variableSetterType" : "String" 
},
"xmlNameSpaceUri" : null 
]}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DeleteElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchDomainRequest",
  "variableName" : "deleteElasticsearchDomainRequest",
  "variableType" : "DeleteElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchDomainRequest",
  "variableSetterType" : "DeleteElasticsearchDomainRequest" 
},
"wrapper" : false 
},
"DeleteElasticsearchDomainResponse" : {
  "c2jName" : "DeleteElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : '<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of the pending deletion, or no status if the domain and all of its resources have been deleted.</p>
',
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
The status of the Elasticsearch domain being deleted. This is a convenience that creates an instance of the `ElasticsearchDomainStatus.Builder` avoiding the need to create one manually via `{@link ElasticsearchDomainStatus#builder()}`. When the `{@link Consumer} completes, `{@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to `{@link ElasticsearchDomainStatus#domainStatus(ElasticsearchDomainStatus)}`. Returns a reference to this object so that method calls can be chained together.

```
public static DomainStatus domainStatus(ElasticsearchDomainStatus domainStatus)
```

---

```
public static DomainStatusBuilder builder()
```
"unmarshallLocationName" : "DomainStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "The status of the Elasticsearch domain being deleted."
@pThe status of the Elasticsearch domain being deleted."

"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "The status of the Elasticsearch domain being deleted.
  This is a convenience that creates an instance of the
  ElasticsearchDomainStatus.Builder avoiding the need to create one manually via
  ElasticsearchDomainStatus#builder().
  When the Consumer completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is
  passed to ElasticsearchDomainStatus#domainStatus(ElasticsearchDomainStatus).
  @return Returns a reference to this object so that method calls can be chained together.
   see domainStatus(ElasticsearchDomainStatus)"
};
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : "The status of the Elasticsearch domain being deleted.
This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}. When the [{@link Consumer}](https://www.example.com) completes, [{@link ElasticsearchDomainStatus.Builder#build()}](https://www.example.com) is called immediately and its result is passed to [{@link ElasticsearchDomainStatus.Builder#domainStatus(ElasticsearchDomainStatus)}](https://www.example.com) a consumer that will call methods on [{@link ElasticsearchDomainStatus.Builder#domainStatus(ElasticsearchDomainStatus)}](https://www.example.com) the status of the Elasticsearch domain being deleted.

This is a convenience that creates an instance of the [{@link ElasticsearchDomainStatus.Builder}](https://www.example.com) avoiding the need to create one manually via [{@link ElasticsearchDomainStatus#builder()}](https://www.example.com). When the [{@link Consumer}](https://www.example.com) completes, [{@link ElasticsearchDomainStatus.Builder#build()}](https://www.example.com) is called immediately and its result is passed to [{@link ElasticsearchDomainStatus.Builder#domainStatus(ElasticsearchDomainStatus)}](https://www.example.com) a consumer that will call methods on [{@link ElasticsearchDomainStatus.Builder#domainStatus(ElasticsearchDomainStatus)}](https://www.example.com) the status of the Elasticsearch domain being deleted.

@see domainStatus(ElasticsearchDomainStatus)
@deprecated
"documentation" : "The status of the Elasticsearch domain being deleted.

@enumType
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain being deleted.

@see domainStatus(ElasticsearchDomainStatus)
@deprecated
"documentation" : "The status of the Elasticsearch domain being deleted.

@getterDocumentation
"getterModel" : {
"returnType" : "ElasticsearchDomainStatus",
"documentation" : null
The status of the Elasticsearch domain being deleted.

```java
The status of the Elasticsearch domain being deleted.
@param domainStatus
@method setDomainStatus
```

```java
@method setDomainStatus
```
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "DeleteElasticsearchDomainResponse",
    "variableName" : "deleteElasticsearchDomainResponse",
    "variableType" : "DeleteElasticsearchDomainResponse",
    "documentation" : null,
    "simpleType" : "DeleteElasticsearchDomainResponse",
    "variableSetterType" : "DeleteElasticsearchDomainResponse"
},
"wrapper" : false
}

"DeleteElasticsearchServiceRoleRequest" : {
    "c2jName" : "DeleteElasticsearchServiceRoleRequest",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : null,
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
        "action" : "DeleteElasticsearchServiceRole",
        "locationName" : null,
        "requestUri" : "/2015-01-01/es/role",
        "target" : null,
        "verb" : "DELETE",
        "xmlNameSpaceUri" : null
    }
}
"shapeName" : "DeleteElasticsearchServiceRoleResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchServiceRoleResponse",
  "variableName" : "deleteElasticsearchServiceRoleResponse",
  "variableType" : "DeleteElasticsearchServiceRoleResponse",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchServiceRoleResponse",
  "variableSetterType" : "DeleteElasticsearchServiceRoleResponse"
},
"wrapper" : false
},
"DeploymentStatus" : {
  "c2jName" : "DeploymentStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "enums" : [
    {
      "name" : "PENDING_UPDATE",
      "value" : "PENDING_UPDATE"
    },
    {
      "name" : "IN_PROGRESS",
      "value" : "IN_PROGRESS"
    },
    {
      "name" : "COMPLETED",
      "value" : "COMPLETED"
    },
    {
      "name" : "NOT_ELIGIBLE",
      "value" : "NOT_ELIGIBLE"
    },
    {
      "name" : "ELIGIBLE",
      "value" : "ELIGIBLE"
    }
  ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeploymentStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DeploymentStatus",
  "variableName" : "deploymentStatus",
  "variableType" : "DeploymentStatus",
  "documentation" : null,
  "simpleType" : "DeploymentStatus",
  "variableSetterType" : "DeploymentStatus"
},
"wrapper" : false
},
"DescribeElasticsearchDomainConfigRequest" : {
  "c2jName" : "DescribeElasticsearchDomainConfigRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Container for the parameters to the \</code>DescribeElasticsearchDomainConfig\</code> operation. Specifies the domain name for which you want configuration information.\</p>"",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DescribeElasticsearchDomainConfig",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null
},
"members" : [
  {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get
information about.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #domainName(String)}.
@param domainName a consumer that will call methods on
@return Returns a reference to this
@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
about.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
\n@return The Elasticsearch domain that you want to get information about.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
  },
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param
domainName The Elasticsearch domain that you want to get information about."
,"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>"
  }
};

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build] is called immediately and its result is passed to [@link #domainName(String)].

@par
domainName a consumer that will call methods on { @link String.Builder} \n{return Returns a reference to this object so that method calls can be chained together.}@see domainName(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param domainName The Elasticsearch domain that you want to get information about.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@return The Elasticsearch domain that you want to get information about.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param
domainName The Elasticsearch domain that you want to get information about.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"xmlnsSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainConfigRequest",
  "variableName" : "describeElasticsearchDomainConfigRequest",
  "variableType" : "DescribeElasticsearchDomainConfigRequest",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainConfigRequest",
  "variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"DescribeElasticsearchDomainConfigResponse" : {
  "c2jName" : "DescribeElasticsearchDomainConfigResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "The result of a \<code\>DescribeElasticsearchDomainConfig</code\> request. Contains the configuration information of the requested domain.\<p\>.
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshallers" : [ {
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "The configuration information of the domain requested in the \<code\>DescribeElasticsearchDomainConfig</code\> request.\<p\>\nThis is a convenience that creates an
instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchDomainConfig(ElasticsearchDomainConfig.Builder)}.

When the { @link Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchDomainConfig(ElasticsearchDomainConfig.Builder)}.

@parameter{domainConfig} a consumer that will call methods on { @link ElasticsearchDomainConfig(ElasticsearchDomainConfig.Builder)}.

@returns Returns a reference to this object so that method calls can be chained together.

@example domainConfig(ElasticsearchDomainConfig)

"deprecated" : false,
"documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
@param domainConfig The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
@return The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.

"getterModel" : {
"returnType" : "ElasticsearchDomainConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<p>
@param domainConfig The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainConfig" : {
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<p>
This is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainConfig#builder()}.\n\nWhen the { @link Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link #domainConfig(ElasticsearchDomainConfig)}.\n\n@param domainConfig a consumer that will call methods on { @link ElasticsearchDomainConfig.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainConfig(ElasticsearchDomainConfig)"
,  "deprecated" : false,
  "documentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<p>
  "enumType" : null,
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the<br> <code>DescribeElasticsearchDomainConfig</code> request.<br>@param domainConfig The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<br>@return Returns a reference to this object so that method calls can be chained together.
</p>",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The configuration information of the domain requested in the<br> <code>DescribeElasticsearchDomainConfig</code> request.<br>@return The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<br></p>",
"getterModel" : {
 "returnType" : "ElasticsearchDomainConfig",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainConfig",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainConfig",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The configuration information of the domain requested in the<br> <code>DescribeElasticsearchDomainConfig</code> request.<br>@param domainConfig The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.<br>@return The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.
</p>",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainConfig",
 "variableName" : "domainConfig",
}
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "domainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
{ "beanStyleGetterMethodName" : "getDomainConfig",
"beanStyleSetterMethodName" : "setDomainConfig",
"c2jName" : "DomainConfig",
"c2jShape" : "ElasticsearchDomainConfig",
"defaultConsumerFluentSetterDocumentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
},
"deprecated" : false,
"documentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
],
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
},
"deprecated" : false,
"documentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
],
"getterDocumentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
}
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.

"getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>\n@param domainConfig The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.

"setterMethodName" : "setDomainConfig",
"setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig"}
The configuration information of the domain requested in the `<code>DescribeElasticsearchDomainConfig</code>` request.

```json
{
  "documentation": "The configuration information of the domain requested in the \n<code>DescribeElasticsearchDomainConfig</code> request.\n  
  \"simpleType\": "ElasticsearchDomainConfig",
  \"variableSetterType\": "ElasticsearchDomainConfig"
},
"xmlnsNameSpaceUri": null
}
```

This container holds the parameters for the `<code>DescribeElasticsearchDomain</code>` operation.

```json
{
  "c2jName": "DescribeElasticsearchDomainRequest",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Container for the parameters to the \n<code>DescribeElasticsearchDomain</code> operation.\n  
  \"enums\": null,
  \"errorCode\": null,
  \"event\": false,
  \"eventStream\": false,
  \"explicitEventPayloadMember\": null,
  \"hasHeaderMember\": false,
  \"hasPayloadMember\": false,
  \"hasStatusConfigMember\": false,
  \"hasStreamingMember\": false,
  \"httpStatus\": null,
```
"marshaller" : {
    "action" : "DescribeElasticsearchDomain",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain/{DomainName}",
    "target" : null,
    "verb" : "GET",
    "xmlNameSpaceUri" : null
},
"members" : [
    {
        "beanStyleGetterMethodName" : "getDomainName",
        "beanStyleSetterMethodName" : "setDomainName",
        "c2jName" : "DomainName",
        "c2jShape" : "DomainName",
        "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}.\nWhen the {@link Consumer} completes, \n@link String.Builder#build() is called immediately and its result is passed to \n{@link #domainName(String)}.\n@throws NullPointerException if \n@code domainName\n is \n@code null\n@see #domainName(String)",
        "deprecated" : false,
        "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "domainName",
        "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>
@param domainName The name of the Elasticsearch domain for which you want information.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
        "fluentSetterMethodName" : "domainName",
        "getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>
@return The name of the Elasticsearch domain for which you want information.
@see #domainName(String)",
        "getterModel" : {
            "returnType" : "String",
            "documentation" : null
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
            "header" : false,
            "isPayload" : false,
            "isStreaming" : false,
            "location" : "uri",
            "marshallLocation" : "PATH",
            "marshallLocationName" : "DomainName",
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "\p>\nThe name of the Elasticsearch domain for which you want information.\p>@param domainName The name of the Elasticsearch domain for which you want information.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ].
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "\p>\nThe name of the Elasticsearch domain for which you want information.\p>\nThis is a convenience that creates an instance of the [\link String.Builder] avoiding the need to create one manually via [\link String#builder()].\n\nWhen the [\link Consumer] completes, [\link String.Builder#build()] is called immediately and its result is passed to [\link #domainName(String)].\n@param domainName a consumer that will call methods on [\link String.Builder]\n@returns Returns a reference to this
object so that method calls can be chained together.

- see: #domainName(String)

- deprecated: false
- documentation: "The name of the Elasticsearch domain for which you want information.

- enumType: null
- eventHeader: false
- eventPayload: false
- fluentEnumGetterMethodName: null
- fluentEnumSetterMethodName: null
- fluentGetMethod: "domainName",
- fluentSetterDocumentation: "The name of the Elasticsearch domain for which you want information.

- @param domainName The name of the Elasticsearch domain for which you want information.

- @return Returns a reference to this object so that method calls can be chained together.

- fluentSetterMethodName: "domainName",

- getterDocumentation: "The name of the Elasticsearch domain for which you want information.

- @param domainName The name of the Elasticsearch domain for which you want information.

- @return The name of the Elasticsearch domain for which you want information.

- "getterModel": {
  "returnType": "String",
  "documentation": null
},

- http: {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "uri",
  "marshallLocation": "PATH",
  "marshallLocationName": "DomainName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainName",
  "uri": true
},

- idempotencyToken: false
- isBinary: false
- jsonValue: false
- list: false
- listModel: null
- map: false
- mapModel: null
- marshallingType: "STRING",
- name: "DomainName",
- setterDocumentation: "The name of the Elasticsearch domain for which you want information.

- @param domainName The name of the Elasticsearch domain for which you want information.

- @return The name of the Elasticsearch domain for which you want information.

- "setterMethodName": "setDomainName",
- setterModel: {


"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "The name of the Elasticsearch domain for which you want information.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValueConsumerSetterDocumentation" : "The name of the Elasticsearch domain for which you want information.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. This @param domainName a consumer that will call methods on { @link String.Builder}.

@returns Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)
",
"deprecated" : false,
"documentation" : "The name of the Elasticsearch domain for which you want information.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain for which you want information.

@returns Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)
",
"getterDocumentation" : "The name of the Elasticsearch domain for which you want information.

@returns The name of the Elasticsearch domain for which you want information.

@see #domainName(String)
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "uri",
  "marshallLocation": "PATH",
  "marshallLocationName": "DomainName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainName",
  "uri": true
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p>The name of the Elasticsearch domain for which you want information.</p>\n@param domainName The name of the Elasticsearch domain for which you want information.\n",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of the Elasticsearch domain for which you want information.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainRequest",
  "variableName" : "describeElasticsearchDomainRequest",
  "variableType" : "DescribeElasticsearchDomainRequest",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainRequest",
  "variableSetterType" : "DescribeElasticsearchDomainRequest"
},
"wrapper" : false,

"DescribeElasticsearchDomainResponse" : {
  "c2jName" : "DescribeElasticsearchDomainResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "The result of a <code>DescribeElasticsearchDomain</code> request. Contains the status of the domain specified in the request.",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getDomainStatus",
    "beanStyleSetterMethodName" : "setDomainStatus",
    "c2jName" : "DomainStatus",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch domain."
  } ]
},

This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}. When the {@link Consumer} completes,
`@link ElasticsearchDomainStatus.Builder#build()` is called immediately and its result is passed to `@link ElasticsearchDomainStatus(ElasticsearchDomainStatus)`. `@param domainStatus` a consumer that will call methods on `@link ElasticsearchDomainStatus.Builder`.

`@return Returns a reference to this object so that method calls can be chained together.`

`@see #domainStatus(ElasticsearchDomainStatus)``

"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>

The current status of the Elasticsearch domain.

`@return` Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>

The current status of the Elasticsearch domain.

`@return` The current status of the Elasticsearch domain.

"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>

The current status of the Elasticsearch domain.

`@return` The current status of the Elasticsearch domain.

"setterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"isResource" : false,
"isStream" : false,
"json" : false,
current status of the Elasticsearch domain.

setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "The current status of the Elasticsearch domain.",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null

},
"membersAsMap" : {
  "DomainStatus" : {
    "beanStyleGetterMethodName" : "getDomainStatus",
    "beanStyleSetterMethodName" : "setDomainStatus",
    "c2jName" : "DomainStatus",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch domain.\nThis is a convenience that creates an instance of the [ @link ElasticsearchDomainStatus.Builder] avoiding the need to create one manually via [@link ElasticsearchDomainStatus#builder()].\n\nWhen the [@link Consumer] completes, [@link ElasticsearchDomainStatus.Builder#build()] is called immediately and its result is passed to [@link #domainStatus(ElasticsearchDomainStatus)\n@param domainStatus a consumer that will call methods on [@link ElasticsearchDomainStatus.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainStatus(ElasticsearchDomainStatus)"",
    "deprecated" : false,
    "documentation" : "The current status of the Elasticsearch domain.",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainStatus",
    "fluentSetterDocumentation" : "The current status of the Elasticsearch domain.\n@param domainStatus The current status of the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "domainStatus",
    "getterDocumentation" : "The current status of the Elasticsearch domain.\n@return The current status
of the Elasticsearch domain.

"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain.</p>\n@param domainStatus The current status of the Elasticsearch domain.

"setterMethodId" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simple" : false,
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simple" : false,
  "variableSetterType" : "ElasticsearchDomainStatus"}

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"simpleType": "ElasticsearchDomainStatus",
"variableSetterType": "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri": null
}
],
"nonStreamingMembers": [
{
"beanStyleGetterMethodName": "getDomainStatus",
"beanStyleSetterMethodName": "setDomainStatus",
"c2jName": "DomainStatus",
"c2jShape": "ElasticsearchDomainStatus",
"defaultConsumerFluentSetterDocumentation": "\nThis is a convenience that creates an instance of the [ElasticsearchDomainStatus.Builder] avoiding the need to create one manually via [ElasticsearchDomainStatus.Builder#builder()].\n\nWhen the [Consumer] completes, [ElasticsearchDomainStatus.Builder#build()] is called immediately and its result is passed to [ElasticsearchDomainStatus].\n\n@param domainStatus a consumer that will call methods on [ElasticsearchDomainStatus.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainStatus(ElasticsearchDomainStatus)"
,
"deprecated": false,
"documentation": "\nThe current status of the Elasticsearch domain.\n\n@type ElasticsearchDomainStatus"
,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainStatus",
"fluentSetterDocumentation": "\nThe current status of the Elasticsearch domain.\n\n@type ElasticsearchDomainStatus"
,
"fluentSetterMethodName": "domainStatus",
"getterDocumentation": "\nThe current status of the Elasticsearch domain.\n\n@type ElasticsearchDomainStatus"
,
"getterModel": {
"returnType": "ElasticsearchDomainStatus",
"documentation": null
}
],
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainStatus",
"queryString": false,
"getterModel": {
"returnType": "ElasticsearchDomainStatus",
"documentation": null
}
"statusCode" : false,
"unmarshallLocationName" : "DomainStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "\n<p>The current status of the Elasticsearch domain.</p>
@param domainStatus The current status of the Elasticsearch domain.\n
"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "\n<p>The current status of the Elasticsearch domain.</p>
",)
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
}]
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainStatus" ],
"shapeName" : "DescribeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : { 
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : { 
  "variableDeclarationType" : "DescribeElasticsearchDomainResponse",
  "variableName" : "describeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainResponse",
  "variableSetterType" : "DescribeElasticsearchDomainResponse"
}
"variableType" : "DescribeElasticsearchDomainResponse",
"documentation" : null,
"simpleType" : "DescribeElasticsearchDomainResponse",
"variableSetterType" : "DescribeElasticsearchDomainResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainsRequest" : {
"c2jName" : "DescribeElasticsearchDomainsRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "Container for the parameters to the
<code><a>DescribeElasticsearchDomains</a></code> operation. By default, the API returns the status of all
Elasticsearch domains."",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "DescribeElasticsearchDomains",
"locationName" : null,
"requestUri" : "/2015-01-01/es/domain-info",
"target" : null,
"verb" : "POST",
"xmlNameSpaceUri" : null
},
"members" : [
"beanStyleGetterMethodName" : "getDomainNames",
"beanStyleSetterMethodName" : "setDomainNames",
"c2jName" : "DomainNames",
"c2jShape" : "DomainNameList",
"defaultConsumerFluentSetterDocumentation" : "The Elasticsearch domains for which you want
information.\n\nThis is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the
need to create one manually via {@link List<String>#builder()}\n\nWhen the {@link Consumer} completes,
{@link List<String>Builder#build()} is called immediately and its result is passed to {@link
#domainNames(List<String>)}.\n\n@link #domainNames(List<String>)\n\n@link
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create
one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}\n\n@param member\n\nA consumer that will call methods on \{@link String.Builder\}\n\n@returns Returns a reference to this object so that method\ncalls can be chained together.\n\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nWhen the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}\n\n@param member\n\nA consumer that will call methods on \{@link String.Builder\}\n\n@returns Returns a reference to this object so that method\ncalls can be chained together.\n\n@see #member(String)",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@returns The value of
the Member property for this object.\n",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "\p@The Elasticsearch domains for which you want information.\p@param domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "map" : false,
"variableSetterType" : "java.util.Collection<String>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "domainNames",
"variableType" : "java.util.List<String>",
"documentation" : "<p>The Elasticsearch domains for which you want information.</p><p>This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #domainNames(List<String>)}. Returns a reference to this object so that method calls can be chained together."
@see #domainNames(List<String>)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domains for which you want information.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "null",
"fluentEnumSetterMethodName" : "null",
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "The Elasticsearch domains for which you want information.
Attempts to modify the collection returned by this method will result in an UnsupportedOperation
Exception.
"getterDocumentation" : "The Elasticsearch domains for which you want information.
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainNames",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainNames",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "DomainName",
    "defaultValueFluentSetterDocumentation": "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #member(String) }.\n@constructor\n@param member a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventName": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@constructor\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.\n@constructor\n@return The value of the Member property for this object.\n",
  "getterModel": {
    "returnType": "String"},
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": null,
  "marshallLocationName": null,
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": null,
  "uri": false
  }},
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": null,
  "marshallLocationName": null,
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": null,
  "uri": false}
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>
@param domainNames The Elasticsearch domains for which you want information.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainNameList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>

This is a convenience that creates an instance of the {LinkList<String>.Builder} avoiding the need to create one manually via {LinkList<String>#builder()}. When the {LinkConsumer} completes,
The Elasticsearch domains for which you want information.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

The Elasticsearch domains for which you want information.
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #member(String)}. The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@container member

@param member The new value for the Member property for this object.

.setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "The Elasticsearch domains for which you want information.

@container domainNames

@param domainNames The Elasticsearch domains for which you want information.

.setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "java.util.List<String>",
  "variableSetterType" : "java.util.List<String>"}
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "domainNames",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>",
    "timestampFormat" : null,
    "xmlNameSpaceUri" : null,
    "required" : [ "DomainNames" ],
    "shapeName" : "DescribeElasticsearchDomainsRequest",
    "simpleMethod" : false,
    "unmarshaller" : null,
    "wrapper" : false
},
"DescribeElasticsearchDomainsResponse" : {
    "c2jName" : "DescribeElasticsearchDomainsResponse",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>The result of a <code>DescribeElasticsearchDomains</code> request. Contains the status of the specified domains or all domains owned by the account.</p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

This is a convenience that creates an instance of the `<link List<ElaticsearchDomainStatus>.Builder>`, avoiding the need to create one manually via `List<ElaticsearchDomainStatus>.Builder#build()`. When the `@link Consumer` completes, `List<ElaticsearchDomainStatus>.Builder#build()` is called immediately and its result is passed to `domainStatusList(List<ElaticsearchDomainStatus>)`. The method calls can be chained together. See `domainStatusList(List<ElaticsearchDomainStatus>)`.

```java
@deprecated
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@enumType
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@eventHeader
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@eventPayload
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@http
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@http
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@http
```

The status of the domains requested in the `<code>DescribeElasticsearchDomains</code>` request.

```java
@http
```
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatusList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatusList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the {:link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}.\n\nWhen the {:link Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {@link #member(ElasticsearchDomainStatus)}.\n\n@param member a consumer that will call methods on {@link ElasticsearchDomainStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(ElasticsearchDomainStatus)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see \n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see \n@return The value of the Member property for this object.",
    "getterModel" : {
      "returnType" : "ElasticsearchDomainStatus",
      "documentation" : null
    },
    "http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : null,
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchDomainStatus",
 "variableName" : "member",
 "variableType" : "ElasticsearchDomainStatus",
 "documentation" : "",
 "simpleType" : "ElasticsearchDomainStatus",
 "variableSetterType" : "ElasticsearchDomainStatus"
 },
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>",
}

"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.
@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null,
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>",
}

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : "The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.
@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>",
"xmlNameSpaceUri" : null
},

"membersAsMap" : {
  "DomainStatusList" : {
    "beanStyleGetterMethodName" : "getDomainStatusList",
    "beanStyleSetterMethodName" : "setDomainStatusList",
    "c2jName" : "DomainStatusList",
    "c2jShape" : "ElasticsearchDomainStatusList",
    "defaultConsumerFluentSetterDocumentation" : "The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.
This is a convenience that creates an instance of the
{@link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via {@link
List<ElasticsearchDomainStatus>#builder()}. When the {@link Consumer} completes, {
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"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the ElasticsearchDomainStatus.Builder avoiding the need to create one manually via ElasticsearchDomainStatus.Builder().

When the Consumer completes, ElasticsearchDomainStatus.Builder.build() is called immediately and its result is passed to ElasticsearchDomainStatus.Builder.

@param member a consumer that will call methods on ElasticsearchDomainStatus.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #member(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@uml Return Returns a reference to this object so that method calls can be chained together.
",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.

The value of the Member property for this object.
",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "member",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "member",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": "",
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ElasticsearchDomainStatus",
"templateImplType": "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType": "java.util.List<ElasticsearchDomainStatus>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainStatusList",
"setterDocumentation": "<p>The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ElasticsearchDomainStatus",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null,
  "simpleType" : "List<ElasticsearchDomainStatus>",
  "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.
This is a convenience that creates an instance of the
{@link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via {
@link List<ElasticsearchDomainStatus>#builder()}.
When the {@link Consumer} completes, {
@link List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to {
@link #domainStatusList(List<ElasticsearchDomainStatus>)
}.
@deprecated Returns a reference to this object so that method calls can be chained together.
@see #domainStatusList(List<ElasticsearchDomainStatus>)",
  "deprecated" : false,
  "documentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.

<code>DescribeElasticsearchDomains</code> request.
@enumType" : null,
  "enumPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetMethodName" : "domainStatusList",
  "fluentSetterDocumentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.
@eventHeader" : false,
  "eventPayload" : false,
  "fluentGetMethodName" : "domainStatusList",
  "fluentSetterDocumentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.
@eventPayload" : false,
  "eventPayloadDocumentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.
@defaultConsumerFluentSetterDocumentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.
This is a convenience that creates an instance of the
{@link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via {
@link List<ElasticsearchDomainStatus>#builder()}.
When the {@link Consumer} completes, {
@link List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to {
@link #domainStatusList(List<ElasticsearchDomainStatus>)
}.
@deprecated Returns a reference to this object so that method calls can be chained together.
@see #domainStatusList(List<ElasticsearchDomainStatus>)"
so that method calls can be chained together.

"getterMethodName" : "domainStatusList",
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
Attempts to modify the collection returned by
this method will result in an UnsupportedOperationException.

@return The status of the domains requested
in the <code>DescribeElasticsearchDomains</code> request.

"getterModel" : {
  "returnType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null
  
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatusList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatusList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the
{@link ElasticsearchDomainStatus.Builder} by calling methods on
the Consumer completing the request, and returning the result.

When the Consumer completes, this method is called immediately and its result is
passed to this method.

@link ElasticsearchDomainStatus.Builder#build()".
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel": {
"returnType": "ElasticsearchDomainStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "ElasticsearchDomainStatus",
"variableName": "member",
"variableType": "ElasticsearchDomainStatus",
"documentation": null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "member",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>\n@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
    "variableName" : "domainStatusList",
    "variableType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : null,
    "simpleType" : "List<ElasticsearchDomainStatus>",
    "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
    "variableName" : "domainStatusList",
    "variableType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : "<p>The status of the domains requested in the

<code>DescribeElasticsearchDomains</code> request.

```javascript
{
    "simpleType" : "List<ElasticsearchDomainStatus>",
    "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>
}
```

```
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "DomainStatusList" ],
"shapeName" : "DescribeElasticsearchDomainsResponse",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "DescribeElasticsearchDomainsResponse",
    "variableName" : "describeElasticsearchDomainsResponse",
    "variableType" : "DescribeElasticsearchDomainsResponse",
    "documentation" : null,
    "simpleType" : "DescribeElasticsearchDomainsResponse",
    "variableSetterType" : "DescribeElasticsearchDomainsResponse"
},
"wrapper" : false
),
"DescribeElasticsearchInstanceTypeLimitsRequest" : {
    "c2jName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p> Container for the parameters to <code>DescribeElasticsearchInstanceTypeLimits</code> operation. </p>"
```
"action" : "DescribeElasticsearchInstanceTypeLimits",
"locationName" : null,
"requestUri" : "/2015-01-01/es/instanceTypeLimits/{ElasticsearchVersion}/{InstanceType}",
"target" : null,
"verb" : "GET",
"xmlNameSpaceUri" : null
],
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain. </p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.
@param domainName a consumer that will call methods on String.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain. </p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain. </p>
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false,

},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>"
},
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
"defaultConsumerFluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>\n\nThis is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()].\n\nWhen the [ @link Consumer] completes,  [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #instanceTypeAsString(String)].\n\n@param instanceType a consumer that will call methods on [ @link String.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #instanceType(String)",
"deprecated" : false,
"documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>
@see ESPartitionInstanceType\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "instanceType",
"getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>
\nIf the service returns an enum value that is not available in the current SDK version, [ @link #instanceType] will return [ @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [ @link #instanceTypeAsString].\n\n@return The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed.\n@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "InstanceType"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "instanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "instanceType",
"variableType" : "String",
"documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
@see ESPartitionInstanceType",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>a>Limits</code> are needed. </p>

This is a convenience that creates an instance of the <link String.Builder> avoiding the need to create one manually via <link String.Builder.build()>. When the <link String.Consumer> completes, <link String.Builder.build()>) is called immediately and its result is passed to <link ElasticsearchVersion(String)>. @param elasticsearchVersion a consumer that will call methods on <link
String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchVersion(String)

   "deprecated" : false,
   "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "elasticsearchVersion",
   "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>
   @param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
   @return Returns a reference to this object so that method calls can be chained together.
   
   "getterDocumentation" : "elasticsearchVersion",
   "getterModel" : {
      "returnType" : "String",
      "documentation" : null
   },
   "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : "uri",
      "marshallLocation" : "PATH",
      "marshallLocationName" : "ElasticsearchVersion",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "ElasticsearchVersion",
      "uri" : true
   },
   "idempotencyToken" : false,
   "isBinary" : false,
   "jsonValue" : false,
   "list" : false,
   "listModel" : null,
   "map" : false,
   "mapModel" : null,
   "marshallingType" : "STRING",
   "name" : "ElasticsearchVersion",
   "setterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. 
   @param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
   @return Returns a reference to this object so that method calls can be chained together.
   
   "setterModel" : {
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": "<p> Version of Elasticsearch for which <code><a>Limits</a></code> are needed. </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "DomainName": {
    "beanStyleGetterMethodName": "getDomainName",
    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [domainName(String)].
@see domainName(String)
  "deprecated": false,
  "documentation": "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainName",
  "fluentSetterDocumentation": "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>
@see domainName(String)"}
to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

@return Returns a reference to this object so that method calls can be chained together.

"getterSetterMethodName" : "domainName",
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>\n
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

"setterModel" : {  
"returnType" : "String",
"documentation" : null
},
"http" : {  
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>\n
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

"setterMethodName" : "setDomainName",
"setterModel" : {  
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String"}
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #elasticsearchVersion(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : true,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p> Version of Elasticsearch for which <code><a>Limits</a></code> are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which <code><a>Limits</a></code> are needed.
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"InstanceType": {
  "beanStyleGetterMethodName": "getInstanceTypeAsString",
  "beanStyleSetterMethodName": "setInstanceType",
  "c2jName": "InstanceType",
  "c2jShape": "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation": "<p>The instance type for an Elasticsearch cluster for which Elasticsearch <code>&lt;a href="/a">Limits</a></code> are needed. &lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()].&lt;/p&gt;&lt;p&gt;When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #instanceTypeAsString(String)].&lt;/p&gt;&lt;p&gt;@param instanceType a consumer that will call methods on [ @link String.Builder]&lt;/p&gt;&lt;p&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;/p&gt;&lt;p&gt;@see #instanceType(String)",
  "deprecated": false,
  "documentation": "&lt;p&gt;The instance type for an Elasticsearch cluster for which Elasticsearch &lt;code&gt;&lt;a href="/a">Limits</a></code>&lt;/code&gt; are needed. &lt;/p&gt;",
  "enumType": "ESPartitionInstanceType",
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "instanceType",
  "fluentEnumSetterMethodName": "instanceType",
  "fluentGetterMethodName": "instanceTypeAsString",
  "fluentSetterDocumentation": "&lt;p&gt;The instance type for an Elasticsearch cluster for which Elasticsearch &lt;code&gt;&lt;a href="/a">Limits</a></code>&lt;/code&gt; are needed. &lt;/p&gt;&lt;p&gt;@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch &lt;code&gt;&lt;a href="/a">Limits</a></code>&lt;/code&gt; are needed.&lt;/p&gt;&lt;p&gt;@see ESPartitionInstanceType&lt;/p&gt;&lt;p&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;/p&gt;&lt;p&gt;@see ESPartitionInstanceType",
  "fluentSetterMethodName": "instanceType",
  "getterDocumentation": "&lt;p&gt;The instance type for an Elasticsearch cluster for which Elasticsearch &lt;code&gt;&lt;a href="/a">Limits</a></code>&lt;/code&gt; are needed. &lt;/p&gt;&lt;p&gt;If the service returns an enum value that is not available in the current SDK version, [ @link #instanceType] will return [ @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [ @link #instanceTypeAsString].&lt;/p&gt;&lt;p&gt;@return The instance type for an Elasticsearch cluster for which Elasticsearch &lt;code&gt;&lt;a href="/a">Limits</a></code>&lt;/code&gt; are needed.&lt;/p&gt;&lt;p&gt;@see ESPartitionInstanceType",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": "uri",
    "marshallLocation": "PATH",
    "marshallLocationName": "InstanceType"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed.
@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>

This is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String#builder()\} is called immediately and its result is passed to \{@link domainName(String)\}. a param domainName a consumer that will call methods on \{@link String.Builder\}@return Returns a reference to this object so that method calls can be chained together.@see domainName(String)",
"deprecated" : false,
"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>”,
"enumType" : null,
"eventIdHeader" : false,
"eventIdPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
@return Returns a reference to this object so that method calls can be chained together.”,
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.”,
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getInstanceTypeAsString",
"beanStyleSetterMethodName" : "setInstanceType",
"c2jName" : "InstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed. This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String#builder()</code>. When the <code>Consumer</code> completes, <code>String.Builder#build()</code> is called immediately and its result is passed to <code>InstanceTypeAsString(String)</code>.

  "deprecated" : false,
  "documentation" : "The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed."
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterMethodName" : "instanceType",
"getterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed.
@see ESPartitionInstanceType
@return Returns a reference to this object so that method calls can be chained together.
@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "InstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed.
@see ESPartitionInstanceType"
<p>@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code>Limits</code> are needed. <p>@see ESPartitionInstanceType</p></p>

```
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "complexType" : "String",
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "complexType" : "String",
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>Limits</code> are needed. </p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchVersion(String)}.<p>@param elasticsearchVersion a consumer that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls can be chained together.</p>@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p> Version of Elasticsearch for which <code>Limits</code> are needed. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>Limits</code> are needed. </p>
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p> Version of Elasticsearch for which <code>Limits</code> are needed. </p>
"getterMethodName" : "elasticsearchVersion",
"getterType" : "String",
"variable" : {
  "complexType" : "String",
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : true
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ElasticsearchVersion",

"setterDocumentation" : "Version of Elasticsearch for which <code><a>Limits</a></code> are needed.",

"setterMethodName" : "setElasticsearchVersion",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String"}
"documentation": "<p> Version of Elasticsearch for which <code><a>Limits</a></code> are needed. </p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "InstanceType", "ElasticsearchVersion" ],
"shapeName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"variableName" : "describeElasticsearchInstanceTypeLimitsRequest",
"variableType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"documentation" : null,
"simpleType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsRequest"
}
},
"wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsResponse" : {
"c2jName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for the parameters received from <code><a>DescribeElasticsearchInstanceTypeLimits</a></code> operation. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getLimitsByRole",
"beanStyleSetterMethodName" : "setLimitsByRole",
"documentation" : null,
"simpleType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsResponse"}]}
"c2jName" : "LimitsByRole",
"c2jShape" : "LimitsByRole",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. This is a convenience that creates an instance of the [Map<String,Limits>.Builder] avoiding the need to create one manually via [Map<String,Limits>#builder()].

When the [Consumer] completes, [Map<String,Limits>.Builder#build()] is called immediately and its result is passed to [limitsByRole(Map<String,Limits>)].

@returns a reference to this object so that method calls can be chained together.

@see #limitsByRole(Map<String,Limits>)",

deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.

@returns the new value for the LimitsByRole property for this object.

@returns Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "limitsByRole",
"getterDocumentation" : "Returns the value of the LimitsByRole property for this object.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@returns The value of the LimitsByRole property for this object."

"getterModel" : {
  "returnType" : "java.util.Map<String,Limits>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitsByRole",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitsByRole",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "InstanceRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\nThe new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n@return The value of the Key property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "key",
      "queryString" : false,
      "statusCode" : false,
    }
  }
}
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n@param key The new value for the Key property for this object.\n\nsetterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarati
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@n@param value The new value for the Value property for this object.
@n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@n@return The value of the Value property for this object.",
"getterModel" : {
   "returnType" : "Limits",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "value",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "value",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
   "variableDeclarationType" : "Limits",
   "variableName" : "value",}
"variableType" : "Limits",
"documentation" : null,
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : "",
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : "",
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : "",
"simpleType" : "Limits",
"variableSetterType" : "Limits"
};
"xmlNameSpaceUri" : null,
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String, Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole The new value for the LimitsByRole property for this object."
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String, Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String, Limits>",
"documentation" : null,
"simpleType" : "Map<String, Limits>",
"variableSetterType" : "java.util.Map<String, Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String, Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String, Limits>",
"documentation" : "",
"simpleType" : "Map<String, Limits>",
"variableSetterType" : "java.util.Map<String, Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String, Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String, Limits>",
"documentation" : "",
"simpleType" : "Map<String, Limits>",
"variableSetterType" : "java.util.Map<String, Limits>"
},
"xmlNameSpaceUri" : null
}]
},
"membersAsMap" : {
"LimitsByRole" : {
"beanStyleGetterMethodName" : "getLimitsByRole",
"beanStyleSetterMethodName" : "setLimitsByRole"
}
},
"explicitMemberList" : ["LimitsByRole"]
}
"beanStyleSetterMethodName" : "setLimitsByRole",
"c2jName" : "LimitsByRole",
"c2jShape" : "LimitsByRole",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. 
This is a convenience that creates an instance of the [{@link Map<String,Limits>.Builder}] avoiding the
need to create one manually via [{@link Map<String,Limits>#builder()}].
When the [{@link Consumer}]
completes, [{@link Map<String,Limits>.Builder#build()}] is called immediately and its result is passed to [{@link
#limitsByRole(Map<String,Limits>)}].
@param limitsByRole a consumer that will call methods on [{@link
Map<String,Limits>.Builder}]
@return Returns a reference to this object so that method calls can be chained
together. [{@see #limitsByRole(Map<String,Limits>)}]",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. 
@param limitsByRole The new value for the LimitsByRole property for this object. 
@return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName" : "limitsByRole",
"getterDocumentation" : "Returns the value of the LimitsByRole property for this object. 
<p>Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.</p> 
@return The value of the LimitsByRole property for this object. ",
"getterModel" : {
   "returnType" : "java.util.Map<String,Limits>",
   "documentation" : null
 },
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "LimitsByRole",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "LimitsByRole",
   "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()`. When the `@link Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String#key(String)`.

@returns Returns a reference to this object so that method calls can be chained together.
@see #key(String)

This new value for the Key property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

The value of the Key property for this object.

@returns The value of the Key property for this object.
"statuscode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the [Limits.Builder] avoiding the need to create one manually via [Limits.Builder().build()]. When the [Consumer] completes, the [Limits.Builder.build()] is called immediately and its result is passed to [Limits.value(Limits)].

@throws A [ValueException] is thrown if the new value of the Key property is invalid.

@param key The new value for the Key property for this object.

@since 11.5(1)"
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "Limits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the [Limits.Builder] avoiding the need to create one manually via [Limits.Builder().build()]. When the [Consumer] completes, the [Limits.Builder.build()] is called immediately and its result is passed to [Limits.value(Limits)].

@throws A [ValueException] is thrown if the new value of the Value property is invalid.

@param value a consumer that will call methods on [Limits.Builder].
@return Returns a reference to this object so that method calls can be chained together.

@see #value(Limits)"
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@returns{string} \nThe new value for the Value property for this object.\n\n@returns{string} \nThe value of the Value property for this object.",
"getterModel" : {
"returnType" : "Limits",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@returns{string} \nThe new value for the Value property for this object.\n\n@returns{string} \nThe value of the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "Limits",}
"variableName": "value",
"variableType": "Limits",
"documentation": null,
"simpleType": "Limits",
"variableSetterType": "Limits"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Limits",
  "variableName": "value",
  "variableType": "Limits",
  "documentation": "",
  "simpleType": "Limits",
  "variableSetterType": "Limits"
},
"xmlNameSpaceUri": null
},
"entryType": "Map.Entry<String, Limits>",
"templateType": "java.util.Map<String,Limits>
},
"marshallingType": "MAP",
"name": "LimitsByRole",
"setterDocumentation": "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole The new value for the LimitsByRole property for this object.",
"setterMethodName": "setLimitsByRole",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,Limits>",
  "variableName": "limitsByRole",
  "variableType": "java.util.Map<String,Limits>",
  "documentation": null,
  "simpleType": "Map<String,Limits>",
  "variableSetterType": "java.util.Map<String,Limits>",
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,Limits>",
  "variableName": "limitsByRole",
  "variableType": "java.util.Map<String,Limits>",
  "documentation": "",
  "simpleType": "Map<String,Limits>",
  "variableSetterType": "java.util.Map<String,Limits>",
},
"xmlNameSpaceUri": null
},
"nonStreamingMembers": [
}
"beanStyleGetterMethodName" : "getLimitsByRole",
"beanStyleSetterMethodName" : "setLimitsByRole",
"c2jName" : "LimitsByRole",
"c2jShape" : "LimitsByRole",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. This is a convenience that creates an instance of the [ @link Map<String,Limits>.Builder ] avoiding the need to create one manually via [ @link Map<String,Limits>#builder() ]. When the [ @link Consumer ] completes, [ @link Map<String,Limits>.Builder#build() ] is called immediately and its result is passed to [ @link limitsByRole(Map<String,Limits>) ]. @param limitsByRole a consumer that will call methods on [ @link Map<String,Limits>.Builder ] @return Returns a reference to this object so that method calls can be chained together. @see #limitsByRole(Map<String,Limits>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. @param limitsByRole The new value for the LimitsByRole property for this object. @return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitsByRole",
"getterDocumentation" : "Returns the value of the LimitsByRole property for this object. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. @return The value of the LimitsByRole property for this object."
"getterModel" : {
"returnType" : "java.util.Map<String,Limits>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayLoad" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitsByRole",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitsByRole",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {
"beanStyleGetterMethodName": "getKey",
"beanStyleSetterMethodName": "setKey",
"c2jName": "key",
"c2jShape": "InstanceRole",
"defaultValueFluentSetterDocumentation": "Sets the value of the Key property for this object. This is
a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}.  
@param key a consumer that will call methods on
{ @link String.Builder}  
@return Returns a reference to this object so that method calls can be chained
together.  
@see #key(String)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "key",
"fluentSetterDocumentation": "Sets the value of the Key property for this object.  
@param key The new value for the Key property for this object.  
@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName": "key",
"getterDocumentation": "Returns the value of the Key property for this object.

@return The value of the Key property for this object.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key"}
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@ param key The new value for the Key property for this object.
",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclaratio...": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "Limits",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the \{@link Limits.Builder\} avoiding the need to create one manually via \{@link Limits.Builder\}.\n\nWhen the \{@link Consumer\} completes, \{@link Limits.Builder#build()\} is called immediately and its result is passed to \{@link #value(Limits)\}.\n
@ param value a consumer that will call methods on \{@link Limits.Builder\}\n\n@ return Returns a reference to this object so that method calls can be chained
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.
",
"getterModel" : {
"returnType" : "Limits",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : true,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
",
"setterMethodName" : "setValue",
"setterModel" : {
"returnType" : "Limits",
"documentation" : null
},
"see" : 
"#value(Limits)"
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : null,
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : "",
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object."

@param limitsByRole
The new value for the LimitsByRole property for this object.

.setterMethodName" : "setLimitsByRole",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String,Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String,Limits>",
"documentation" : null,
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String,Limits>",
"documentation" : "",
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNameSpaceUri" : null
],
"requestSignerAware" : false,
"members" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
  This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link reservedElasticsearchInstanceOfferingId(String)].
  <p>@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on [@link String.Builder] @return Returns a reference to this object so that method calls can be chained together.</p>
  @see reservedElasticsearchInstanceOfferingId(String)",
  "deprecated" : false,
  "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
  @param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier. @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
  @return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."
},
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "offeringId",
    "queryString" : true,
    "statusCode" : false,
"unmarshallLocationName" : "offeringId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "&lt;p&gt;The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.&lt;/p&gt;
@param reservedElasticsearchInstanceOfferingId
The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.&lt;/p&gt;",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "reservedElasticsearchInstanceOfferingId",
 "variableType" : "String",
 "documentation" : "&lt;p&gt;The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.&lt;/p&gt;",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
 "beanStyleGetterMethodName" : "getMaxResults",
 "beanStyleSetterMethodName" : "setMaxResults",
 "c2jName" : "MaxResults",
 "c2jShape" : "MaxResults",
 "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Set this value to limit the number of results returned. If not specified, defaults to 100.&lt;/p&gt;
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].
When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #maxResults(Integer)].

@see
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.

@returns Returns a reference to this object so that method calls can be chained together.

@type maxResults

getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.

getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.

@returns Returns a reference to this object so that method calls can be chained together.

@type maxResults

getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
}
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p><p>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.<br>When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.<br>@param nextToken a consumer that will call methods on { @link String.Builder}<br>@return Returns a reference to this object so that method calls can be chained together.<br>@see #nextToken(String)
",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
",
"@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.<br>@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.

@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.


"variableType" : "String",
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
] ],
"membersAsMap" : {
"MaxResults" : {
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>
This is a convenience that creates an instance of the { @link Integer.Builder
avoiding the need to create one manually via { @link Integer#builder()}.\nWhen the { @link Consumer
 completes, { @link Integer.Builder#build() } is called immediately and its result is passed to { @link
#maxResults(Integer) }.\n@see maxResults(Integer)",
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>
@see #maxResults(Integer)",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>
@see #maxResults(Integer)",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
}
,"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.<br/>&lt;p&gt;\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.&lt;/p&gt;",
"setterMethodName" : "setMaxResults",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.<br/>&lt;p&gt;",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.

This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}.

When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #nextToken(String) \}.

@para nextToken a consumer that will call methods on \{ @link String.Builder \}.

@return Returns a reference to this object so that method calls can be chained together.

\section{see #nextToken(String)}

"deprecated" : false,

"documentation" : ":<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

@para nextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "nextToken",

"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
 "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
 "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
 "c2jName" : "ReservedElasticsearchInstanceOfferingId",
 "c2jShape" : "GUID",
 "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferingId(String)}.
@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
 "deprecated" : false,
 "documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "offeringId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "offeringId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonDataValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
}
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : "The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #reservedElasticsearchInstanceOfferingId(String)\}.\n\n@see \#reservedElasticsearchInstanceOfferingId(String)",
"deprecated" : false,
"documentation" : "The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #reservedElasticsearchInstanceOfferingId(String)\}.\n\n@see \#reservedElasticsearchInstanceOfferingId(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #reservedElasticsearchInstanceOfferingId(String)\}.\n\n@see \#reservedElasticsearchInstanceOfferingId(String)",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "offeringId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "offeringId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@param reservedElasticsearchInstanceOfferingId
The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "offeringId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "offeringId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@param reservedElasticsearchInstanceOfferingId
The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "offeringId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "offeringId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available
offering that matches the specified reservation identifier.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If
not specified, defaults to 100.</p>
This is a convenience that creates an instance of the [@link Integer.Builder]
avoiding the need to create one manually via [@link Integer#builder()].
When the [@link Consumer]
completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link
#maxResults(Integer)].
@returns a reference to this object so that method calls can be chained together.
@see #maxResults(Integer)",
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to
100.</p>
",  
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>
Sets this value to limit the number of results returned. If not specified,
defaults to 100.
Returns a reference to this object so that method calls can be chained together.
"@
#maxResults(Integer)",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified,
defaults to 100.</p>
@returns a reference to this object so that method calls can be chained together.
"@
#maxResults(Integer)",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100."
,"setterMethodname" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\nThis is a convenience that creates an instance
of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}.\n\nWhen the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #nextToken(String)\}.\n\n@param nextToken a consumer that will call methods on \{ @link String.Builder\}\n\n@see #nextToken(String)\n
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.\n\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
\n@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
\n\n@return Returns a reference to this object so that method calls can be chained together."
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "nextToken",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "nextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
  "variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "documentation" : null,
  "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstanceOfferingsResponse" : {
  "c2jName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
  }
}
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for results from
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {@link String#builder()}. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to (@link #nextToken(String)).
@see #nextToken(String)
"nextToken" a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)"
},
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>"},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@see #nextToken(String)
"nextToken" a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@see #nextToken(String)
"nextToken" a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"httpStatus" : null,
"name" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "NextToken",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "NextToken",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>"
},
"xmlNameSpaceUri": null}
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
"c2jName" : "ReservedElasticsearchInstanceOfferings",
"c2jShape" : "ReservedElasticsearchInstanceOfferingList",
"defaultConsumerFluentSetterDocumentation" : "sp> List of reserved Elasticsearch instance offerings
This is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstanceOffering>#builder()}. When the { @link Consumer} completes, { @link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}.
@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings
@return Returns a reference to this object so that method calls can be chained together.
</p>",
"getterDocumentation" : "<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return List of reserved Elasticsearch instance offerings",
"getterModel" : {
"returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"uri" : false
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "ReservedElasticsearchInstanceOffering",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the @link
ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via @link ReservedElasticsearchInstanceOffering#builder()\nWhen the @link Consumer} completes, @link ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to @link #member(ReservedElasticsearchInstanceOffering)\n\n@param member a consumer that will call methods on { @link ReservedElasticsearchInstanceOffering.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(ReservedElasticsearchInstanceOffering)",
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "ReservedElasticsearchInstanceOffering",
    "documentation" : null
  }
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": null,
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": "",
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"xmlNameSpaceUri": null,
},
"memberLocationName": null,
"memberType": "ReservedElasticsearchInstanceOffering",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ReservedElasticsearchInstanceOffering",
"templateImplType": "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType": "java.util.List<ReservedElasticsearchInstanceOffering>"
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "\<p\>List of reserved Elasticsearch instance offerings</p>\n@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "variableName" : "reservedElasticsearchInstanceOfferings",
  "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering",
  "documentation" : "\p\>List of reserved Elasticsearch instance offerings</p>",
  "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNameSpaceUri" : null
],

"membersAsMap" : {
  "NextToken" : {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "NextToken",
    "defaultConsumerFluentSetterDocumentation" : "\p\>Provides an identifier to allow retrieval of paginated
results.\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to
create one manually via \{@link String#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link #nextToken(String)\}.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@deprecated\n\n@see #nextToken(String)"
    "deprecated" : false,
    "documentation" : "\p\>Provides an identifier to allow retrieval of paginated results.\","enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterMethodName" : "setNextToken",
    "simple" : false,
"fluentSetterDocumentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "nextToken",
"getterDocumentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return Provides an identifier to allow retrieval of paginated results.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "NextToken",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "NextToken",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName": "setNextToken",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "nextToken",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferings" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
  "c2jName" : "ReservedElasticsearchInstanceOfferings",
  "c2jShape" : "ReservedElasticsearchInstanceOfferingList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
This is a convenience that creates an instance of the List<ReservedElasticsearchInstanceOffering>.Builder avoiding the need to create one manually via List<ReservedElasticsearchInstanceOffering>#builder().
When the Consumer completes, List<ReservedElasticsearchInstanceOffering>.Builder#build() is called immediately and its result is passed to List<ReservedElasticsearchInstanceOfferings>.Builder reservedElasticsearchInstanceOfferings a consumer that will call methods on List<ReservedElasticsearchInstanceOffering>.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
  "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
@throws List<ReservedElasticsearchInstanceOfferings>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings
@return List of reserved Elasticsearch instance offerings",
  "getterModel" : {
    "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object."
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object."
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object."
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object."
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object."
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"documentation": null,
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
, "setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": null,
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": "",
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": "",
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
String.Builder#build()} is called immediately and its result is passed to {@link #nextToken(String)}.\n@returns
nextToken a consumer that will call methods on { @link String.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)

"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@returns Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return
Provides an identifier to allow retrieval of paginated results."

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param
nextToken Provides an identifier to allow retrieval of paginated results.",

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"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
"c2jName" : "ReservedElasticsearchInstanceOfferings",
"c2jShape" : "ReservedElasticsearchInstanceOfferingList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
This is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstanceOffering>#builder()}. When the { @link Consumer} completes, { @link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to { @link reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}.
@param reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link List<ReservedElasticsearchInstanceOffering>.Builder}@n@return Returns a reference to this object so that method calls can be chained together.@n@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>@n@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings@n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
  "getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>@n<p>@nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.

@return List of reserved Elasticsearch instance offerings

"getterModel" : {
  "returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
  "uri" : false
},

"idempotencyToken" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [ @link ReservedElasticsearchInstanceOffering.Builder] avoiding the need to create one manually via [ @link ReservedElasticsearchInstanceOffering#builder()]. When the [ @link Consumer] completes, [ @link ReservedElasticsearchInstanceOffering.Builder#build()] is called immediately and its result is passed to [ @link #member(ReservedElasticsearchInstanceOffering)],

    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
}
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel" : {
   "returnType" : "ReservedElasticsearchInstanceOffering",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
   "variableName" : "member",
   "variableType" : "ReservedElasticsearchInstanceOffering",
   "documentation" : null,
   "simpleType" : "ReservedElasticsearchInstanceOffering",
   "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "ReservedElasticsearchInstanceOffering",
"variableName": "member",
"variableType": "ReservedElasticsearchInstanceOffering",
"documentation": "",
"simpleType": "ReservedElasticsearchInstanceOffering",
"variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "ReservedElasticsearchInstanceOffering",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ReservedElasticsearchInstanceOffering",
"templateImplType": "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType": "java.util.List<ReservedElasticsearchInstanceOffering>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ReservedElasticsearchInstanceOfferings",
"setterDocumentation": "<p>List of reserved Elasticsearch instance offerings</p>
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName": "setReservedElasticsearchInstanceOfferings",
"setterModel": {
"variableDeclarationType": "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName": "reservedElasticsearchInstanceOfferings",
"variableType": "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation": null,
"simpleType": "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType": "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName": "reservedElasticsearchInstanceOfferings",
"variableType": "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation": "<p>List of reserved Elasticsearch instance offerings</p>",
"simpleType": "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType": "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNameSpaceUri": null
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
  "variableName" : "describeReservedElasticsearchInstanceOfferingsResponse",
  "variableType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
  "documentation" : null,
  "simpleType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
  "variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstancesRequest" : {
  "c2jName" : "DescribeReservedElasticsearchInstancesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DescribeReservedElasticsearchInstances",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/reservedInstances",
    "target" : null,
    "verb" : "GET"
"xmlNameSpaceUri" : null
},
"members" : [ {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #reservedElasticsearchInstanceId(String)].
@param reservedElasticsearchInstanceId a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.
@see #reservedElasticsearchInstanceId(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM"
"marshallLocationName" : "reservationId",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "reservationId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].

When the [@link Consumer]
completes, [@link Integer.Builder#build()] is called immediately and its result is passed to { @link #maxResults(Integer) }.

@header
@param [maxResults] a consumer that will call methods on { @link Integer.Builder }

@returns Returns a reference to this object so that method calls can be chained together.

@see #maxResults(Integer)

"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnum Getter Method Name" : null,
"fluentEnum Setter Method Name" : null,
"fluent Getter Method Name" : "maxResults",
"fluent Setter Documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>

@returns Set this value to limit the number of results returned. If not specified, defaults to 100.

 getaway Method Name" : "maxResults",
"getter Documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>

@returns Set this value to limit the number of results returned. If not specified, defaults to 100.

\}

http" : {  
"additional Marshalling Path" : null,
"additional Unmarshalling Path" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"is Payload" : false,
"is Streaming" : false,
"location" : "querystring",
"marshall Location" : "QUERY PARAM",
"marshall Location Name" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshall Location Name" : "maxResults",
"uri" : false
},
"idempotency Token" : false,
"is Binary" : false,
"json Value" : false,
"list" : false,
"list Model" : null,
"map" : false,
"map Model" : null,
"marshalling Type" : "INTEGER",
"name" : "MaxResults"}
"setterDocumentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.
",
"setterMethodName": "setMaxResults",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getNextToken",
"beanStyleSetterMethodName": "setNextToken",
"c2jName": "NextToken",
"c2jShape": "NextToken",
"defaultConsumerFluentSetterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
\nThis is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].\n\nWhen the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#nextToken(String)].\n@param nextToken a consumer that will call methods on [String.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated": false,
"documentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "nextToken",
"fluentSetterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.\n@return Returns a reference to
this object so that method calls can be chained together.,
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "nextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodname" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)}.

When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)}.
@see #maxResults(Integer)",
    "deprecated" : false,
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@see #maxResults(Integer)",
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@see #maxResults(Integer)",
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "querystring",
"marshallLocation": "QUERY_PARAM",
"marshallLocationName": "maxResults",
"queryString": true,
"statusCode": false,
"unmarshallLocationName": "maxResults",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "MaxResults",
"setterDocumentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.">
"setterMethodName": "setMaxResults",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"NextToken": {
  "beanStyleGetterMethodName": "getNextToken",
  "beanStyleSetterMethodName": "setNextToken",
  "getterDocumentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "setterMethodName": "setNextToken",
  "setterModel": {
    "variableDeclarationType": "String",
    "variableName": "NextToken",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
  }
}
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. @return Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "The reserved instance identifier filter value. Use this
parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via
\{@link String.Builder#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called
immediately and its result is passed to \{@link #reservedElasticsearchInstanceId(String)\}.
@param reservedElasticsearchInstanceId a consumer that will call methods on \{@link String.Builder\} that
return a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "The reserved instance identifier filter value. Use this parameter to show only the
reservation that matches the specified reserved Elasticsearch instance ID."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.
@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "reservationId",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "reservationId",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>
@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID."
reservation that matches the specified reserved Elasticsearch instance ID.

"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : <p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #reservedElasticsearchInstanceId(String)].

@Deprecated
"deprecated" : false,
"documentation" : <p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>"};
reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>

@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "reservationId",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "reservationId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>

@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String"}
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID."
},
"xmlNameSpaceUri" : null,
},

"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100. This is a convenience that creates an instance of the Integer.Builder avoiding the need to create one manually via Integer.Builder\(\). When the Consumer completes, Integer.Builder\#build() is called immediately and its result is passed to Integer\#maxResults(Integer) a consumer that will call methods on a reference to this object so that method calls can be chained together.\@see #maxResults(Integer)"
,
"deprecated" : false,
"documentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100."
,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.\@return Returns a reference to this object so that method calls can be chained together."
,
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.\@return Set this value to limit the number of results returned. If not specified, defaults to 100."
,
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100."
,"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link String.Builder} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #nextToken(String)}. @param nextToken a consumer that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

NextToken. It is used for pagination.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

getter" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

```
@param nextToken

```

NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

```

```
"DescribeReservedElasticsearchInstancesResponse" : {
  "c2jName" : "DescribeReservedElasticsearchInstancesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthUnmarshall" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for results from <code>DescribeReservedElasticsearchInstances</code></p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marc"
  "marshal" : null,
  "members" : [
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>
    Provides an identifier to allow retrieval of paginated results.
    </p>
    This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>@link String.Builder()</code>. When the <code>@link Consumer</code> completes, the <code>@link String.Builder#build()</code> is called immediately and its result is passed to <code>@link <code>String</code> next-Token(String)</code>.<br>
    <code>@param next-Token a consumer that will call methods on <code>@link String.Builder</code></code>
    @return Returns a reference to this object so that method calls can be chained together.<br>
    @see #nextToken(String)
    "
    "deprecated" : false,
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
    "fluentSetterMethodName" : "nextToken",
    "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
    "httpStatusName" : null,
    "httpStatusShape" : "String",
    "httpStatusType" : null,
    "isDelegating" : false,
    "isError" : false,
    "isEvent" : false,
    "isEventStream" : false,
    "isExplicitEventPayloadMember" : false,
    "isHasHeaderMember" : false,
    "isHasPayloadMember" : false,
    "isHasStatusCodeMember" : false,
    "isHasStreamingMember" : false,
    "isMarshaller" : false,
    "isMarshall" : false,
    "isNested" : false,
    "isOptional" : false,
    "isStatusCode" : false,
    "isStreaming" : false,
    "marshaller" : null,
    "marshall" : null,
    "members" : [
      "c2jName" : "NextToken",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "<p>
      Provides an identifier to allow retrieval of paginated results.
      </p>
      This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>@link String.Builder()</code>. When the <code>@link Consumer</code> completes, the <code>@link String.Builder#build()</code> is called immediately and its result is passed to <code>@link <code>String</code> next-Token(String)</code>.<br>
      <code>@param next-Token a consumer that will call methods on <code>@link String.Builder</code></code>
      @return Returns a reference to this object so that method calls can be chained together.<br>
      @see #nextToken(String)
      "
      "deprecated" : false,
      "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "nextToken",
      "fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
      "fluentSetterMethodName" : "nextToken",
      "getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
      "httpStatusName" : null,
      "httpStatusShape" : "String",
      "httpStatusType" : null,
      "isDelegating" : false,
      "isError" : false,
      "isEvent" : false,
      "isEventStream" : false,
      "isExplicitEventPayloadMember" : false,
      "isHasHeaderMember" : false,
      "isHasPayloadMember" : false,
      "isHasStatusCodeMember" : false,
      "isHasStreamingMember" : false,
      "isMarshaller" : false,
      "isMarshall" : false,
      "isNested" : false,
      "isOptional" : false,
      "isStatusCode" : false,
      "isStreaming" : false,
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "nextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p><p>@param nextToken Provides an identifier to allow retrieval of paginated results.</p>",
"setterMethodName" : "setNextToken",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "simpleType" : "String"
"variableSetterType": "String",
"xmlNameSpaceUri": null
},
{
"beanStyleGetterMethodName": "getReservedElasticsearchInstances",
"beanStyleSetterMethodName": "setReservedElasticsearchInstances",
"c2jName": "ReservedElasticsearchInstances",
"c2jShape": "ReservedElasticsearchInstanceList",
"defaultConsumerFluentSetterDocumentation": "<p>List of reserved Elasticsearch instances.</p>
This is a convenience that creates an instance of the {@link List<ReservedElasticsearchInstance>.Builder} avoiding the need to create one manually via {@link List<ReservedElasticsearchInstance>#builder()}. When the {@link Consumer} completes, {@link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}.<p>
@see List<ReservedElasticsearchInstance>.Builder</p>

@return Returns a reference to this object so that method calls can be chained together.<p>
@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"deprecated": false,
"documentation": "<p>List of reserved Elasticsearch instances.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstances",
"fluentSetterDocumentation": "<p>List of reserved Elasticsearch instances.</p>
@param reservedElasticsearchInstances a consumer that will call methods on {@link List<ReservedElasticsearchInstance>.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"getterDocumentation": "<p>List of reserved Elasticsearch instances.</p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return List of reserved Elasticsearch instances.

@return Returns a reference to this object so that method calls can be chained together.

@see List<ReservedElasticsearchInstance>.Builder"

getterModel": {
"returnType": "java.util.List<ReservedElasticsearchInstance>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservedElasticsearchInstances",
"queryString": false,
"statusCode": false,
"unmarshallLocationName" : "ReservedElasticsearchInstances",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
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  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstance",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the {@link ReservedElasticsearchInstance.Builder} avoiding the need to create one manually via {@link ReservedElasticsearchInstance#builder()}.\nWhen the {@link Consumer} completes, {@link ReservedElasticsearchInstance.Builder#build()} is called immediately and its result is passed to {@link #member(ReservedElasticsearchInstance)}.\n@param member a consumer that will call methods on {@link ReservedElasticsearchInstance.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(ReservedElasticsearchInstance)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
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  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "ReservedElasticsearchInstance",
    "documentation" : null
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  "http" : {
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statuscode" : false,
"unmarshallLocationName" : "member",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
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  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
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"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : "",
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
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"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",

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"templateType" : "java.util.List<ReservedElasticsearchInstance>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : ""List of reserved Elasticsearch instances."",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
"variableName" : "reservedElasticsearchInstances",
"variableType" : "java.util.List<ReservedElasticsearchInstance>",
"documentation" : null,
"simpleType" : "List<ReservedElasticsearchInstance>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
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"timestampFormat" : null,
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"variableName" : "reservedElasticsearchInstances",
"variableType" : "java.util.List<ReservedElasticsearchInstance>",
"documentation" : "List of reserved Elasticsearch instances.",
"simpleType" : "List<ReservedElasticsearchInstance>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNameSpaceUri" : null
}
"membersAsMap" : {
"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultValueConsumerDocumentation" : "Provides an identifier to allow retrieval of paginated results.
When the Constructor completes, the String Builder is called immediately and its result is passed to
a consumer that will call methods on String.Builder a return reference to this object
so that method calls can be chained together.
"deprecated" : false,
"documentation" : "Provides an identifier to allow retrieval of paginated results.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return Provides an identifier to allow retrieval of paginated results.”,

"getterModel" : {
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  "documentation" : null
},

"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
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  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.”,

"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"ReservedElasticsearchInstances" : {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
    "c2jName" : "ReservedElasticsearchInstances",
    "c2jShape" : "ReservedElasticsearchInstanceList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
This is a convenience that creates an instance of the {@link List<ReservedElasticsearchInstance>.Builder} avoiding the need to create one manually via {@link List<ReservedElasticsearchInstance>#builder()}. When the {@link Consumer} completes, {@link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. param reservedElasticsearchInstances a consumer that will call methods on {@link List<ReservedElasticsearchInstance>.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
    "deprecated" : false,
    "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstances",
    "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@param reservedElasticsearchInstances List of reserved Elasticsearch instances.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "reservedElasticsearchInstances",
    "getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@throws UnsupportedOperationException. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@returns List of reserved Elasticsearch instances.\n@see #reservedElasticsearchInstances",
    "getterModel" : {
        "returnType" : "java.util.List<ReservedElasticsearchInstance>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
This is a convenience that creates an instance of the [ReservedElasticsearchInstance.Builder] avoiding the need to create one manually via [ReservedElasticsearchInstance#builder()]. When the [Consumer] completes, [ReservedElasticsearchInstance.Builder#build()] is called immediately and its result is passed to [ReservedElasticsearchInstance.Builder#member()]

@see #member(ReservedElasticsearchInstance)
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  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
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"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
,"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "ReservedElasticsearchInstance",
  "variableName": "member",
  "variableType": "ReservedElasticsearchInstance",
  "documentation": null,
  "simpleType": "ReservedElasticsearchInstance",
  "variableSetterType": "ReservedElasticsearchInstance"
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"simple": false,
"timestampFormat": null,
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  "variableName": "member",
  "variableType": "ReservedElasticsearchInstance",
  "documentation": "",
  "simpleType": "ReservedElasticsearchInstance",
  "variableSetterType": "ReservedElasticsearchInstance"
},
"xmlNameSpaceUri": null
}.
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
"variableName" : "reservedElasticsearchInstances",
"variableType" : "java.util.List<ReservedElasticsearchInstance>",
"documentation" : null,
"simpleType" : "List<ReservedElasticsearchInstance>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
"variableName" : "reservedElasticsearchInstances",
"variableType" : "java.util.List<ReservedElasticsearchInstance>",
"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"simpleType" : "List<ReservedElasticsearchInstance>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNameSpaceUri" : null
}
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Provides an identifier to allow retrieval of paginated results.&lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [&lt;link String.Builder&gt;](https://docs.oracle.com/javase/7/docs/api/java/lang/String.html) avoiding the need to create one manually via {[@link String.Builder()]} &lt;p&gt;When the [&lt;link Consumer&gt;](https://docs.oracle.com/javase/7/docs/api/java/util/Consumer.html) completes, {[@link String.Builder#build()]} is called immediately and its result is passed to {[@link #nextToken(String)]}.&lt;p&gt;@param
nextToken a consumer that will call methods on {[@link String.Builder]}
&lt;p&gt;@return Returns a reference to this object

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[Open Source Used In Data Center Network Manager 11.5(1) 21106](https://docs.oracle.com/javase/7/docs/api/java/util/Consumer.html)
so that method calls can be chained together.\n@see #nextToken(String)",

"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param
nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
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  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {


"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
"c2jName" : "ReservedElasticsearchInstances",
"c2jShape" : "ReservedElasticsearchInstanceList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p><p>This is a convenience that creates an instance of the {linkReservedElasticsearchInstance.Builder} avoiding the need to create one manually via {linkReservedElasticsearchInstance#builder()]. When the {linkConsumer} completes, {linkReservedElasticsearchInstance.Builder#build()} is called immediately and its result is passed to {link#reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}. @return Returns a reference to this object that will call methods on {linkList<ReservedElasticsearchInstance>.Builder}@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p><p>@return Returns a reference to this object so that method calls can be chained together.</p>@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p><p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>@return List of reserved Elasticsearch instances.",
"getterModel" : {
"returnType" : "java.util.List<ReservedElasticsearchInstance>",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "ReservedElasticsearchInstance",
  "documentation" : null
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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
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"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member"
"variableType" : "ReservedElasticsearchInstance",
"documentation" : "",
"simpleType" : "ReservedElasticsearchInstance",
"variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlNameSpaceUri" : null
],
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
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"xmlnsNameSpaceUri" : null
}]
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"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstancesResponse",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "DescribeReservedElasticsearchInstancesResponse",
  "variableName": "describeReservedElasticsearchInstancesResponse",
  "variableType": "DescribeReservedElasticsearchInstancesResponse",
  "documentation": null,
  "simpleType": "DescribeReservedElasticsearchInstancesResponse",
  "variableSetterType": "DescribeReservedElasticsearchInstancesResponse"
},
"wrapper": false
},
"DisabledOperationException": {
  "c2jName": "DisabledOperationException",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.",
  "enums": null,
  "errorCode": "DisabledOperationException",
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": 409,
  "marshaller": null,
  "members": [],
  "membersAsMap": {
    "nonStreamingMembers": [],
    "requestSignerAware": false,
    "requestSignerClassFqcn": null,
    "required": null,
    "shapeName": "DisabledOperationException",
    "simpleMethod": false,
    "unmarshaller": null,
    "variable": {
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        "unmarshaller": {
          "flattened": false,
          "resultWrapper": null
        },
        "variable": {
          "variableDeclarationType": "DescribeReservedElasticsearchInstancesResponse",
          "variableName": "describeReservedElasticsearchInstancesResponse",
          "variableType": "DescribeReservedElasticsearchInstancesResponse",
          "documentation": null,
          "simpleType": "DescribeReservedElasticsearchInstancesResponse",
          "variableSetterType": "DescribeReservedElasticsearchInstancesResponse"
        },
        "wrapper": false
      },
      "DisabledOperationException": {
        "c2jName": "DisabledOperationException",
        "customization": {
          "artificialResultWrapper": null,
          "skipGeneratingMarshaller": false,
          "skipGeneratingModelClass": false,
          "skipGeneratingUnmarshaller": false,
          "staxTargetDepthOffset": 0
        },
        "deprecated": false,
        "documentation": "An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.",
        "enums": null,
        "errorCode": "DisabledOperationException",
        "event": false,
        "eventStream": false,
        "explicitEventPayloadMember": null,
        "hasHeaderMember": false,
        "hasPayloadMember": false,
        "hasStatusCodeMember": false,
        "hasStreamingMember": false,
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        "members": [],
        "membersAsMap": {
          "nonStreamingMembers": [],
          "requestSignerAware": false,
          "requestSignerClassFqcn": null,
          "required": null,
          "shapeName": "DisabledOperationException",
          "simpleMethod": false,
          "unmarshaller": null,
          "variable": {
            "simpleMethod": false,
            "unmarshaller": {
              "flattened": false,
              "resultWrapper": null
            },
            "variable": {
              "variableDeclarationType": "DescribeReservedElasticsearchInstancesResponse",
              "variableName": "describeReservedElasticsearchInstancesResponse",
              "variableType": "DescribeReservedElasticsearchInstancesResponse",
              "documentation": null,
              "simpleType": "DescribeReservedElasticsearchInstancesResponse",
              "variableSetterType": "DescribeReservedElasticsearchInstancesResponse"
            },
            "wrapper": false
          }
        }
      }
    }
  }
}
"variableDeclarationType" : "DisabledOperationException",
"variableName" : "disabledOperationException",
"variableType" : "DisabledOperationException",
"documentation" : null,
"simpleType" : "DisabledOperationException",
"variableSetterType" : "DisabledOperationException"
},
"wrapper" : false
},
"DomainInfo" : {
"c2jName" : "DomainInfo",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].\n\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> Specifies the `<code>DomainName</code>.
@param domainName
Specifies the `<code>DomainName</code>`.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> Specifies the `<code>DomainName</code>.
@return Specifies the `<code>DomainName</code>`.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> Specifies the `<code>DomainName</code>.
@param domainName
Specifies the `<code>DomainName</code>`.
@return Sets the `<code>DomainName</code>`.

"setterMethod" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
Specifies the `<code>DomainName</code>`.

@code

```


```


domainName

@endcode

Specifies the `<code>DomainName</code>`.

@code

```


```


domainName

@endcode

Specifies the `<code>DomainName</code>`.

@code

```


```


domainName

@endcode

Specifies the `<code>DomainName</code>`.

@code

```


```


domainName

@endcode

Specifies the `<code>DomainName</code>`.

@code

```


```


domainName

@endcode

Specifies the `<code>DomainName</code>`.
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. <br> 

@see #domainName(String)",

"deprecated" : false,

"documentation" : "<p> Specifies the <code>DomainName</code>.</p>

@param domainName a consumer that will call methods on {@link String.Builder}

@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "domainName",

"fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>

@see #domainName(String)

Specifies the <code>DomainName</code>. <br> 

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>

@return Specifies the <code>DomainName</code>.

"getterModel" : {

@returnType" : "String",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "DomainName",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "DomainName",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>Specifies the <code>DomainName</code>.</p>
@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>DomainName</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DomainInfo",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "domainInfo",
  "variableType" : "DomainInfo",
  "documentation" : null,
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
},
"wrapper" : false
},
"EBSOptions" : {
  "c2jName" : "EBSOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Options to enable, disable, and specify the properties of EBS storage volumes. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createdomains.html#es-createdomain-configure-ebs"> Configuring EBS-based Storage</a>.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getEbsEnabled",
"beanStyleSetterMethodName" : "setEbsEnabled",
"c2jName" : "EBSEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled. This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #ebsEnabled(Boolean)}.
@param ebsEnabled a consumer that will call methods on {@link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsEnabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@n@param ebsEnabled Specifies whether EBS-based storage is enabled.
@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@n@return Specifies whether EBS-based storage is enabled.
@see #ebsEnabled(Boolean)",
"getterModel" : 
"returnType" : "Boolean"}
Specifies whether EBS-based storage is enabled.

```java
@Param ebsEnabled
```

Specifies whether EBS-based storage is enabled.
<p>Specifies the volume type for EBS-based storage. This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String.Builder()</code>. When the <code>Consumer</code> completes, <code>String.Builder().build()</code> is called immediately and its result is passed to <code>VolumeTypeAsString(String)</code>. When the <code>Consumer</code> completes, <code>String.Builder().build()</code> is called immediately and its result is passed to <code>VolumeTypeAsString(String)</code>.<br />
@param volumeType a consumer that will call methods on <code>String.Builder()</code>.<br />
@return Returns a reference to this object so that method calls can be chained together.<br />
@see VolumeType(String)</p>

<dl class="pydoc-params">
<dd>
<code>volumeType</code> Specifies the volume type for EBS-based storage. <br />
@see VolumeType<br />
@return Returns a reference to this object so that method calls can be chained together.<br />
@see VolumeType,

<dt>fluentSetterDocumentation</dt>
<dd>
Specifies the volume type for EBS-based storage.<br />
If the service returns an enum value that is not available in the current SDK version, <code>volumeType</code> will return <code>VolumeType#UNKNOWN_TO_SDK_VERSION</code>. The raw value returned by the service is available from <code>volumeTypeAsString</code>.<br />

<dt>getterDocumentation</dt>
<dd>
Specifies the volume type for EBS-based storage. If the service returns an enum value that is not available in the current SDK version, <code>volumeType</code> will return <code>VolumeType#UNKNOWN_TO_SDK_VERSION</code>. The raw value returned by the service is available from <code>volumeTypeAsString</code>.<br />
</dd>
<dt>http</dt>
<dd>
null</dd>
</dl>
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VolumeType",
"setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>
@param volumeType
Specifies the volume type for EBS-based storage.
@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "volumeType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "volumeType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getVolumeSize",
"beanStyleSetterMethodName" : "setVolumeSize",
"c2jName" : "VolumeSize",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually
via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is
called immediately and its result is passed to {@link #volumeSize(Integer)}.<p>
@param volumeSize a consumer that will call methods on {@link Integer.Builder}@return Returns a reference to this object so that method calls can be
chained together.@see #volumeSize(Integer)
"deprecated" : false,
"documentation" : "<p> Integer to specify the size of an EBS volume.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@returns Integer to specify the size of an EBS volume.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@return Integer to specify the size of an EBS volume.

"getterModel" : {
   "returnType" : "Integer",
   "documentation" : null
},

"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "VolumeSize",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "VolumeSize",
   "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@returns Integer to specify the size of an EBS volume.
@return Integer to specify the size of an EBS volume.

"setterMethodName" : "setVolumeSize",
"setterModel" : {
   "variableDeclarationType" : "Integer",
   "variableName" : "volumeSize",
   "variableType" : "Integer",
   "documentation" : null,
   "simpleType" : "Integer",
   "variableSetterType" : "Integer"
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": "Integer to specify the size of an EBS volume.",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlnsNameSpaceUri": null
},
  "beanStyleGetterMethodName": "getIops",
  "beanStyleSetterMethodName": "setIops",
  "c2jName": "iops",
  "c2jShape": "IntegerClass",
  "defaultConsumerFluentSetterDocumentation": "Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #iops(Integer)}. @param iops a consumer that will call methods on {@link Integer.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #iops(Integer)",
  "deprecated": false,
  "documentation": "Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "iops",
  "fluentSetterDocumentation": "Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). @param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). @return Returns a reference to this object so that method calls can be chained together. ",
  "fluentSetterMethodName": "iops",
  "getterDocumentation": "Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). @return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",&
  "getterModel": {
    "returnType": "Integer",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Iops",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Iops",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "Iops",
"setterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
"setterMethodName": "setIops",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "iops",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "iops",
  "variableType": "Integer",
  "documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "EBSEnabled": {
    "beanStyleGetterMethodName": "getEbsEnabled",
    "beanStyleSetterMethodName": "setEbsEnabled",
    "c2jName": "EBSEnabled",
    "c2jShape": "Boolean",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies whether EBS-based storage is"
enabled. This is a convenience that creates an instance of the `Boolean.Builder` avoiding the need to create one manually via `Boolean.builder()`. When the `Consumer` completes, `#ebsEnabled(Boolean)` is called immediately and its result is passed to `#ebsEnabled(Boolean)`. @return Returns a reference to this object so that method calls can be chained together.

@see #ebsEnabled(Boolean)

```

"deprecated" : false,
"documentation" : "Specifies whether EBS-based storage is enabled.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "Specifies whether EBS-based storage is enabled.

@returns Specifies whether EBS-based storage is enabled.

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSEnabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"marshalLocation" : "PAYLOAD",
"marshalLocationName" : "EBSEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshalLocationName" : "EBSEnabled",
"uri" : false
```
"name" : "EBSEnabled",
"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@param ebsEnabled Specifies whether EBS-based storage is enabled."
"setterMethodName" : "setEbsEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "ebsEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "ebsEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"Iops" : {
  "beanStyleGetterMethodName" : "getIops",
  "beanStyleSetterMethodName" : "setIops",
  "c2jName" : "Iops",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). This is a convenience that creates an instance of the \{@link Integer.Builder\} avoiding the need to create one manually via \{@link Integer#builder()\}. When the \{@link Consumer\} completes, \{@link Integer.Builder#build()\} is called immediately and its result is passed to \{@link #iops(Integer)\}. \n@returns Returns a reference to this object so that method calls can be chained together. \n@see #iops(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "iops",
  "fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). \n@returns Returns a reference to this object so that method calls can be chained together. \n@see #iops(Integer)",
  "fluentSetterMethodName" : "iops",
  "getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). \n@returns Returns a reference to this object so that method calls can be chained together."
Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).

```json
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Iops",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Iops",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>
@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"setterMethodName" : "setIops",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
```
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"VolumeSize" : {
"beanStyleGetterMethodName" : "getVolumeSize",
"beanStyleSetterMethodName" : "setVolumeSize",
"c2jName" : "VolumeSize",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder().\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #volumeSize(Integer)}.\n@param volumeSize a consumer that will call methods on {@link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #volumeSize(Integer)",
"deprecated" : false,
"documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@param volumeSize Integer to specify the size of an EBS volume.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@return Integer to specify the size of an EBS volume.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeSize",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeSize",
}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.</p>
@param volumeSize Integer to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "volumeSize",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "volumeSize",
"variableType" : "Integer",
"documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"VolumeType" : {
"beanStyleGetterMethodName" : "getVolumeTypeAsString",
"beanStyleSetterMethodName" : "setVolumeType",
"c2jName" : "VolumeType",
"c2jShape" : "VolumeType",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.</p>

This is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to
create one manually via [ @link String#builder() ].

When the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #volumeTypeAsString(String[]) ].

@returns Returns a reference to this object so that method calls can be chained together.

@see #volumeType(String),
"deprecated" : false,
"documentation" : "<p> Specifies the volume type for EBS-based storage.</p>"},
"enumType" : "VolumeType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "volumeType",
"fluentEnumSetterMethodName" : "volumeType",
"fluentGetterMethodName" : "volumeTypeAsString",
"fluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage.\n@see VolumeType\n@return Returns a reference to this object so that method calls can be chained together.\n@see VolumeType",
"fluentSetterMethodName" : "volumeType",
"getterDocumentation" : "<p> Specifies the volume type for EBS-based storage.\nIf the service returns an enum value that is not available in the current SDK version, \{@link #volumeType\} will return \{@link VolumeType#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link #volumeTypeAsString\}.\n</p>\n@return Specifies the volume type for EBS-based storage.\n@see VolumeType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeType",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VolumeType",
"setterDocumentation" : "<p> Specifies the volume type for EBS-based storage.\n@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
  "variableDeclarationType" : "String",
"param" : {
  "name" : "volumeType",
  "xmlName" : "VolumeType",
  "defaultValue" : null,
  "documentation" : null,
  "isList" : false,
  "isMap" : false,
  "isUnion" : false,
  "isVarArgs" : false
}
}"param" : {
  "name" : "volumeType",
  "xmlName" : "VolumeType",
  "defaultValue" : null,
  "documentation" : null,
  "isList" : false,
  "isMap" : false,
  "isUnion" : false,
  "isVarArgs" : false
}
"variableName" : "volumeType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "volumeType",
"variableType" : "String",
"documentation" : "<p> Specifies the volume type for EBS-based storage.</p>
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getEbsEnabled",
"beanStyleSetterMethodName" : "setEbsEnabled",
"c2jName" : "EBSEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #ebsEnabled(Boolean)}. Returns a reference to this object so that method calls can be chained together."
,@see #ebsEnabled(Boolean)
,"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethod" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
"fluentSetterMethod" : "ebsEnabled",
"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@see #ebsEnabled(Boolean)"
,"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
}


"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "EBSEnabled",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "EBSEnabled",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "EBSEnabled",
"setterDocumentation": "<p>Specifies whether EBS-based storage is enabled.</p>
@param ebsEnabled Specifies whether EBS-based storage is enabled.",
"setterMethodName": "setEbsEnabled",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "ebsEnabled",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "ebsEnabled",
  "variableType": "Boolean",
  "documentation": "<p>Specifies whether EBS-based storage is enabled.</p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
Specifies the volume type for EBS-based storage.

This is a convenience that creates an instance of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}. When the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #volumeTypeAsString(String)\}.

@parameter volumeType a consumer that will call methods on \{ @link String.Builder\}

@return Returns a reference to this object so that method calls can be chained together.

@see #volumeType(String)
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "VolumeType",
"setterDocumentation": "<p> Specifies the volume type for EBS-based storage.</p>
@para \texttt{volumeType} Specifies the volume type for EBS-based storage.
@see VolumeType",
"setterMethodName": "setVolumeType",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "volumeType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "volumeType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"beanStyleGetterMethodName": "getVolumeSize",
"beanStyleSetterMethodName": "setVolumeSize",
"c2jName": "VolumeSize",
"c2jShape": "IntegerClass",
"defaultConsumerFluentSetterDocumentation": "<p> Integer to specify the size of an EBS volume.</p>
This is a convenience that creates an instance of the \{@link Integer.Builder\} avoiding the need to create one manually
via \{@link Integer#builder()\}. When the \{@link Consumer\} completes, \{@link Integer.Builder#build()\} is
called immediately and its result is passed to \{@link #volumeSize(Integer)\}. @para \texttt{volumeSize} a consumer that
will call methods on \{@link Integer.Builder\} \texttt{return} Returns a reference to this object so that method calls can be
chained together. @see \texttt{volumeSize(Integer)}",
"deprecated": false,
"documentation": "<p> Integer to specify the size of an EBS volume.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "\p> Integer to specify the size of an EBS volume.\n@param volumeSize
Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "\p> Integer to specify the size of an EBS volume.\n\n@return Integer to specify the size of an EBS volume.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeSize",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeSize",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "\p> Integer to specify the size of an EBS volume.\n\n@param volumeSize Integer to specify the size of an EBS volume.",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "volumeSize",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": "<p> Integer to specify the size of an EBS volume.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getIops",
"beanStyleSetterMethodName": "setIops",
"c2jName": "Iops",
"c2jShape": "IntegerClass",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n\nThis is a convenience that creates an instance of the \{@link Integer.Builder\} avoiding the need to create one manually via \{@link Integer#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link Integer.Builder#build()\} is called immediately and its result is passed to \{@link #iops(Integer)\}.\n\n@see #iops(Integer)",
"deprecated": false,
"documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "iops",
"fluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>\n\nSpecifies the IOPD for a Provisioned IOPS EBS volume (SSD).
\n@see #iops(Integer)",
"fluentSetterMethodName": "iops",
"getterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
\n\n@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
\n@return Returns a reference to this object so that method calls can be chained together.
\n\n@see #iops(Integer)",
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "iops",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "iops",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>
@param
iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"setterMethodName" : "setIops",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
} ].
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EBSOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
}
variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : null,
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
},
"wrapper" : false
},
"EBSOptionsStatus" : {
    "c2jName" : "EBSOptionsStatus",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Status of the EBS options for the specified Elasticsearch domain.</p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "marshaller" : null,
    "members" : [
        {
            "beanStyleGetterMethodName" : "getOptions",
            "beanStyleSetterMethodName" : "setOptions",
            "c2jName" : "Options",
            "c2jShape" : "EBSOptions",
            "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the EBS options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}.\n\nWhen the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link #options(EBSOptions)}\n\n@see #options(EBSOptions)"
        }
    ],
    "deprecated" : false,
    "documentation" : "<p>Specifies the EBS options for the specified Elasticsearch domain.</p>
"enumerate" : null,
"EVENT_HEADER" : false,
"EVENT_PAYLOAD" : false,
"FLUENT_ENUM_GETTER_METHOD_NAME" : null,
"FLUENT_ENUM_SETTER_METHOD_NAME" : null,
"FLUENT_GETTER_METHOD_NAME" : "options",
"FLUENT_SETTER_DOCUMENTATION" : "<p> Specifies the EBS options for the specified Elasticsearch domain.\n@param options Specifies the EBS options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n"FLUENT_SETTER_METHOD_NAME" : "options",
"GETTER_DOCUMENTATION" : "<p> Specifies the EBS options for the specified Elasticsearch domain.\n@return Specifies the EBS options for the specified Elasticsearch domain.\n\n"GETTER_MODEL" : {
"RETURN_TYPE" : "EBSOptions",
"DOCUMENTATION" : null
},
"HTTP" : {
"ADDITIONAL_MARSHALLING_PATH" : null,
"ADDITIONAL_UNMARSHALLING_PATH" : null,
"FLATTENED" : false,
"GREEDY" : false,
"HEADER" : false,
"IS_PAYLOAD" : false,
"IS_STREAMING" : false,
"LOCATION" : null,
"MARRILOUTION" : "PAYLOAD",
"MARRILOUTION_NAME" : "Options",
"QUERY_STRING" : false,
"STATUS_CODE" : false,
"UNMARRILOUTION_NAME" : "Options",
"URI" : false
},
"IDEMPOTENCY_TOKEN" : false,
"IS_BINARY" : false,
"JSON_VALUE" : false,
"LIST" : false,
"LIST_MODEL" : null,
"MAP" : false,
"MAP_MODEL" : null,
"MARSHALLING_TYPE" : "SDK_POJO",
"NAME" : "Options",
"SETTER_DOCUMENTATION" : "<p> Specifies the EBS options for the specified Elasticsearch domain.\n@param options Specifies the EBS options for the specified Elasticsearch domain.\n@return Specifies the EBS options for the specified Elasticsearch domain.\n"SETTER_METHOD_NAME" : "setOptions",
"SETTER_MODEL" : {
"VARIABLE_DECLARATION_TYPE" : "EBSOptions",
"VARIABLE_NAME" : "options",
"VARIABLE_TYPE" : "EBSOptions",
"DOCUMENTATION" : null,
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "options",
"variableType" : "EBSOptions",
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.Builder#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus.Builder}.

@param status a consumer that will call methods on { @link OptionStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",
"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.
@return Specifies the status of the EBS options for the specified Elasticsearch domain.

@see #status(OptionStatus)",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Status",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",

"setterDocumentation": "<p> Specifies the status of the EBS options for the specified Elasticsearch domain. </p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p> Specifies the status of the EBS options for the specified Elasticsearch domain. </p>",
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
",
"membersAsMap": {
  "Options": {
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
  }
}
"c2jName" : "Options",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. When the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #options(EBSOptions)}.

@return Returns a reference to this object so that method calls can be chained together.
@see #options(EBSOptions)",
"deprecated" : false,
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@param options Specifies the EBS options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #options(EBSOptions)
",
"getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@return Specifies the EBS options for the specified Elasticsearch domain.
",
"getterModel" : {
"returnType" : "EBSOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@param options Specifies the EBS options for the specified Elasticsearch domain."
,"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
", "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus.Builder#build()} which will call methods on { @link OptionStatus.Builder}.

@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)"
,"deprecated" : false,
"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch
domain.

@param status Specifies the status of the EBS options for the specified Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.

@return Specifies the status of the EBS options for the specified Elasticsearch domain.

"getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.

@param status Specifies the status of the EBS options for the specified Elasticsearch domain.

"setterMethodName" : "setStatus",
"setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. When the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link EBSOptions.Builder\n@param options a consumer that will call methods on { @link EBSOptions.Builder} when the method completes, { @link EBSOptions.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(EBSOptions)\n",
"deprecated" : false,
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@param options Specifies the EBS options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@return Specifies the EBS options for the specified Elasticsearch domain.
",
"getterModel" : {
"returnType" : "EBSOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
Specifies the EBS options for the specified Elasticsearch domain.

```java
public void setOptions(EBSOptions options)
```

### EBSOptions

```
public class EBSOptions {
    // EBSOptions class definition
}
```

### OptionStatus

```
public class OptionStatus {
    // OptionStatus class definition
}
```

```java
public class OptionStatus {
    // OptionStatus class definition

    private OptionStatus() {
    
    // Avoids creating an instance manually via OptionStatus.builder()
    
    // When the OptionStatus.builder() completes, it is called immediately and its result is passed to
    ```
param status a consumer that will call methods on \{ @link OptionStatus.Builder\}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "getterDocumenttion" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status",
  "setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "setterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "EBSOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptionsStatus",
  "variableType" : "EBSOptionsStatus",
  "documentation" : null,
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"wrapper" : false
},
"ESPartitionInstanceType" : {
  "c2jName" : "ESPartitionInstanceType",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}
"deprecated" : false,
"documentation" : "",
"enums" : [ {
"name" : "M3_MEDIUM_ELASTICSEARCH",
"value" : "m3.medium.elasticsearch"
}, {
"name" : "M3_LARGE_ELASTICSEARCH",
"value" : "m3.large.elasticsearch"
}, {
"name" : "M3_XLARGE_ELASTICSEARCH",
"value" : "m3.xlarge.elasticsearch"
}, {
"name" : "M3_2_XLARGE_ELASTICSEARCH",
"value" : "m3.2xlarge.elasticsearch"
}, {
"name" : "M4_LARGE_ELASTICSEARCH",
"value" : "m4.large.elasticsearch"
}, {
"name" : "M4_XLARGE_ELASTICSEARCH",
"value" : "m4.xlarge.elasticsearch"
}, {
"name" : "M4_2_XLARGE_ELASTICSEARCH",
"value" : "m4.2xlarge.elasticsearch"
}, {
"name" : "M4_4_XLARGE_ELASTICSEARCH",
"value" : "m4.4xlarge.elasticsearch"
}, {
"name" : "M4_10_XLARGE_ELASTICSEARCH",
"value" : "m4.10xlarge.elasticsearch"
}, {
"name" : "T2_MICRO_ELASTICSEARCH",
"value" : "t2.micro.elasticsearch"
}, {
"name" : "T2_SMALL_ELASTICSEARCH",
"value" : "t2.small.elasticsearch"
}, {
"name" : "T2_MEDIUM_ELASTICSEARCH",
"value" : "t2.medium.elasticsearch"
}, {
"name" : "R3_LARGE_ELASTICSEARCH",
"value" : "r3.large.elasticsearch"
}, {
"name" : "R3_XLARGE_ELASTICSEARCH",
"value" : "r3.xlarge.elasticsearch"
}, {
"name" : "R3_2_XLARGE_ELASTICSEARCH",
"value" : "r3.2xlarge.elasticsearch"
}, {
  "name": "R3_4_XLARGE_ELASTICSEARCH",
  "value": "r3.4xlarge.elasticsearch"
}, {
  "name": "R3_8_XLARGE_ELASTICSEARCH",
  "value": "r3.8xlarge.elasticsearch"
}, {
  "name": "I2_XLARGE_ELASTICSEARCH",
  "value": "i2.xlarge.elasticsearch"
}, {
  "name": "I2_2_XLARGE_ELASTICSEARCH",
  "value": "i2.2xlarge.elasticsearch"
}, {
  "name": "D2_XLARGE_ELASTICSEARCH",
  "value": "d2.xlarge.elasticsearch"
}, {
  "name": "D2_2_XLARGE_ELASTICSEARCH",
  "value": "d2.2xlarge.elasticsearch"
}, {
  "name": "D2_4_XLARGE_ELASTICSEARCH",
  "value": "d2.4xlarge.elasticsearch"
}, {
  "name": "D2_8_XLARGE_ELASTICSEARCH",
  "value": "d2.8xlarge.elasticsearch"
}, {
  "name": "C4_LARGE_ELASTICSEARCH",
  "value": "c4.large.elasticsearch"
}, {
  "name": "C4_XLARGE_ELASTICSEARCH",
  "value": "c4.xlarge.elasticsearch"
}, {
  "name": "C4_2_XLARGE_ELASTICSEARCH",
  "value": "c4.2xlarge.elasticsearch"
}, {
  "name": "C4_4_XLARGE_ELASTICSEARCH",
  "value": "c4.4xlarge.elasticsearch"
}, {
  "name": "C4_8_XLARGE_ELASTICSEARCH",
  "value": "c4.8xlarge.elasticsearch"
}, {
  "name": "R4_LARGE_ELASTICSEARCH",
  "value": "r4.large.elasticsearch"
}, {
  "name": "R4_XLARGE_ELASTICSEARCH",
  "value": "r4.xlarge.elasticsearch"
}, {
  "name": "R4_2_XLARGE_ELASTICSEARCH",
  "value": "r4.2xlarge.elasticsearch"}
"resultWrapper" : null,
],
"variable" : { 
  "variableDeclarationType" : "ESPartitionInstanceType",
  "variableName" : "esPartitionInstanceType",
  "variableType" : "ESPartitionInstanceType",
  "documentation" : null,
  "simpleType" : "ESPartitionInstanceType",
  "variableSetterType" : "ESPartitionInstanceType"
},
"wrapper" : false
],
"ElasticsearchClusterConfig" : {
  "c2jName" : "ElasticsearchClusterConfig",
  "customization" : { 
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the configuration for the domain cluster, such as the type and number of instances.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshaller" : null,
  "members" : [
    "beanStyleGetterMethodName" : "getInstanceTypeAsString",
    "beanStyleSetterMethodName" : "setInstanceType",
    "c2jName" : "InstanceType",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.\n\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #instanceTypeAsString(String) \}.\n\n@param instanceType a consumer that will call methods on \{ @link String.Builder \}\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #instanceType(String)\n\n@deprecated\n\ndocumentation" : "<p>The instance type for an Elasticsearch cluster.\n</p>"},
"enumType": "ESPartitionInstanceType",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "instanceType",
"fluentEnumSetterMethodName": "instanceType",
"fluentGetterMethodName": "instanceTypeAsString",
"fluentSetterDocumentation": "The instance type for an Elasticsearch cluster.\n@param instanceType The instance type for an Elasticsearch cluster.\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName": "instanceType",
"getterDocumentation": "The instance type for an Elasticsearch cluster.\nIf the service returns an enum value that is not available in the current SDK version, [@link #instanceType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #instanceTypeAsString].\n@return The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "InstanceType",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "InstanceType",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonData": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "InstanceType",
"setterDocumentation": "The instance type for an Elasticsearch cluster.\n@param instanceType The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",
"setterMethodName": "setInstanceType",
"setterModel": {
"variableDeclarationType" : "String",
"variableName" : "instanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : "\n<p>The instance type for an Elasticsearch cluster.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"
"beanStyleGetterMethodName" : "getInstanceCount",
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "\n<p>The number of instances in the specified domain cluster.\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}.\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #instanceCount(Integer)}.\n@\param instanceCount a consumer that will call methods on { @link Integer.Builder}@\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #instanceCount(Integer)"
,"deprecated" : false,
"documentation" : "\n<p>The number of instances in the specified domain cluster.\n</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "\n<p>The number of instances in the specified domain cluster.\n@param instanceCount The number of instances in the specified domain cluster.\n@\return Returns a reference to this object so that method calls can be chained together.\n\n@see #instanceCount(Integer)"
,"getterDocumentation" : "\n<p>The number of instances in the specified domain cluster.\n</p>",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http": {  
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "InstanceCount",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "InstanceCount",
"uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "InstanceCount",

"setterDocumentation": "<p>The number of instances in the specified domain cluster.</p>
@param instanceCount The number of instances in the specified domain cluster."

"setterMethodName": "setInstanceCount",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "instanceCount",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},

"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "instanceCount",
  "variableType": "Integer",
  "documentation": "<p>The number of instances in the specified domain cluster.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},

"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName": "getDedicatedMasterEnabled",
"beanStyleSetterMethodName": "setDedicatedMasterEnabled",
"c2jName": "DedicatedMasterEnabled",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information. This is a convenience that creates an instance of the [Boolean.Builder](http://aws.amazon.com) avoiding the need to create one manually via [Boolean#builder()](http://aws.amazon.com). When the [Consumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [DedicatedMasterEnabled(Boolean)](). @param dedicatedMasterEnabled a consumer that will call methods on [Boolean.Builder]. @return Returns a reference to this object so that method calls can be chained together.

@see #getDedicatedMasterEnabled(Boolean)",
"deprecated": false,
"documentation": "A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information.

//enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "dedicatedMasterEnabled",
"fluentSetterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information.
@fluentSetterMethodName": "dedicatedMasterEnabled",
"getterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information.

//getterModel": {
  "returnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DedicatedMasterEnabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DedicatedMasterEnabled",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "DedicatedMasterEnabled",

"setterDocumentation": "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.",

"setterMethodName": "setDedicatedMasterEnabled",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "dedicatedMasterEnabled",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "dedicatedMasterEnabled",
  "variableType": "Boolean",
  "documentation": "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>",
  "simpleType": "Boolean"
"variableSetterType" : "Boolean",
",
"xmlNameSpaceUri" : null,
",
"beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
"beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
"c2jName" : "ZoneAwarenessEnabled",
"c2jShape" : "Boolean",

"defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder].
When the [@link Consumer] completes, [@link Boolean.Builder#build] is called immediately and its result is passed to [@link ZoneAwarenessEnabled(Boolean)].

@see #zoneAwarenessEnabled(Boolean)",

deprecated" : false,

documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.
@see #zoneAwarenessEnabled(Boolean)",

deprecated" : false,

documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.
@see #zoneAwarenessEnabled(Boolean)",

deprecated" : false,

documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.
@see #zoneAwarenessEnabled(Boolean)",

deprecated" : false,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ZoneAwarenessEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ZoneAwarenessEnabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.&lt;/p&gt;\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.",
"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "zoneAwarenessEnabled",
  "variableType" : "Boolean",
  "documentation" : "&lt;p&gt;A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.&lt;/p&gt;",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
The instance type for a dedicated master node.

This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer} complets `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link dedicatedMasterTypeAsString(String)}`.

@see dedicatedMasterType
@see dedicatedMasterTypeAsString(String)

"deprecated" : false,
"documentation" : "The instance type for a dedicated master node.

If the service returns an enum value that is not available in the current SDK version, `{@link #dedicatedMasterType}` will return `{@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}`. The raw value returned by the service is available from `{@link #dedicatedMasterTypeAsString}`.

@see ESPartitionInstanceType
@see DedicatedMasterType

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterType",}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"setterDocumentation" : "&lt;p&gt;The instance type for a dedicated master node.&lt;/p&gt;&lt;@param

dedicatedMasterType The instance type for a dedicated master node.&lt;@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "dedicatedMasterType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "dedicatedMasterType",
"variableType" : "String",
"documentation" : "&lt;p&gt;The instance type for a dedicated master node.&lt;/p&gt;",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getDedicatedMasterCount",
"beanStyleSetterMethodName" : "setDedicatedMasterCount",
"c2jName" : "DedicatedMasterCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Total number of dedicated master nodes, active and on
standby, for the cluster.&lt;/p&gt;&lt;@param

dedicatedMasterCount a consumer that will call methods on {@link Integer.Builder}&lt;/@param

When the {@link Consumer} completes, {@link
<Integer.Builder#build()} is called immediately and its result is passed to {@link
#dedicatedMasterCount(Integer)}.&lt;@return Returns a reference to this object so that method calls can be chained together.&lt;@see
#dedicatedMasterCount(Integer)",
"deprecated" : false,
"documentation" : "&lt;p&gt;Total number of dedicated master nodes, active and on standby, for the cluster.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "dedicatedMasterCount",
"getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
@return Total number of dedicated master nodes, active and on standby, for the cluster.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.",
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "dedicatedMasterCount",
"variableType" : "Integer"}
Total number of dedicated master nodes, active and on standby, for the cluster.

This is a convenience that creates an instance of the Integer.Builder avoiding the need to create one manually via Integer.builder().
When the Consumer completes, Integer.Builder.build() is called immediately and its result is passed to #dedicatedMasterCount(Integer).

@value @param dedicatedMasterCount a consumer that will call methods on Integer.Builder
@return Returns a reference to this object so that method calls can be chained together.

@see #dedicatedMasterCount(Integer)

"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.

@value @param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.
@return Returns a reference to this object so that method calls can be chained together.

@see #dedicatedMasterCount(Integer)

"getterDocumentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.

@value @return Total number of dedicated master nodes, active and on standby, for the cluster.

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "Total number of dedicated master nodes, active and on standby, for the cluster."
@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "dedicatedMasterCount",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "dedicatedMasterCount",
"variableType" : "Integer",
"documentation" : "Total number of dedicated master nodes, active and on standby, for the cluster."
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}
"DedicatedMasterEnabled" : {
  "beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
  "beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
  "c2jName" : "DedicatedMasterEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "A boolean value to indicate whether a dedicated master
node is enabled. See " About Dedicated Master
Nodes</a> for more information.\n\nThis is a convenience that creates an instance of the { @link
Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.
\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterEnabled(Boolean)}.\n\n@returns Returns a reference to this object so that method calls can be chained
together.\n\n@see #dedicatedMasterEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "A boolean value to indicate whether a dedicated master node is enabled. See " About Dedicated Master
Nodes" for more information.
\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link
#dedicatedMasterEnabled(Boolean)}.\n\n@returns Returns a reference to this object so that method calls can be chained
together.\n\n@see #dedicatedMasterEnabled(Boolean)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethod" : "dedicatedMasterEnabled",
  "fluentSetterDocumentation" : "A boolean value to indicate whether a dedicated master node is enabled. See " About Dedicated Master
Nodes" for more information.
\n@returns A boolean value to indicate whether a dedicated master node is enabled. See " About Dedicated Master
Nodes" for more information.
\n@see #dedicatedMasterEnabled(Boolean)",
  "fluentSetterMethodName" : "dedicatedMasterEnabled",
  "getterDocumentation" : "A boolean value to indicate whether a dedicated master node is enabled. See " About Dedicated Master
Nodes" for more information.
\n@returns A boolean value to indicate whether a dedicated master node is enabled. See " About Dedicated Master
Nodes" for more information.
\n@see #dedicatedMasterEnabled(Boolean)",
  "getMethod" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterEnabled",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information."

"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "dedicatedMasterEnabled",
  "variableType" : "Boolean",
  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>
"};
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"DedicatedMasterType" : {
"beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
"beanStyleSetterMethodName" : "setDedicatedMasterType",
"c2jName" : "DedicatedMasterType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The instance type for a dedicated master node.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}. When the consumer completes, a consumer that will call methods on

\n\n@link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterType(String)",
"deprecated" : false,
"documentation" : "The instance type for a dedicated master node."",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "dedicatedMasterType",
"fluentEnumSetterMethodName" : "dedicatedMasterType",
"fluentGetterMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "The instance type for a dedicated master node.
\nIf the service returns an enum value that is not available in the current SDK version, \n@link #dedicatedMasterType\n@return The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@param dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"getterDocumentation" : "The instance type for a dedicated master node.\nIf the service returns an enum value that is not available in the current SDK version, \n@link #dedicatedMasterType\n@return The raw value returned by the service is available from \n@link #dedicatedMasterTypeAsString\n@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",}
marshallLocationName" : "DedicatedMasterType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterType",
"uri" : false
}

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"setterDocumentation" : "&lt;p&gt;The instance type for a dedicated master node.&lt;/p&gt;\n@param dedicatedMasterType The instance type for a dedicated master node.\n@see ESPartitionInstanceType",
"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {

"variableDeclarationType" : "String",
"variableName" : "dedicatedMasterType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}

"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "String",
"variableName" : "dedicatedMasterType",
"variableType" : "String",
"documentation" : "&lt;p&gt;The instance type for a dedicated master node.&lt;/p&gt;",
"simpleType" : "String",
"variableSetterType" : "String"
}

"xmlNameSpaceUri" : null

"InstanceCount" : {

"beanStyleGetterMethodName" : "getInstanceCount",
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The number of instances in the specified domain cluster.&lt;/p&gt;\nThis is a convenience that creates an instance of the \{ @link Integer.Builder \} avoiding the need to create one manually via \{ @link Integer#builder() \}.\nWhen the \{ @link Integer.Consumer \} completes, \{ @link Integer.Builder#build() \} is called immediately and its result is passed to \{ @link #instanceCount(Integer) \}.\n@param instanceCount a consumer that will call methods on \{ @link

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Integer.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCount(Integer)\n    "deprecated": false,
    "documentation": "The number of instances in the specified domain cluster.",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "instanceCount",
    "fluentSetterDocumentation": "The number of instances in the specified domain cluster.\n@return Returns a reference to this object so that method calls can be chained together.\n    "fluentSetterMethodName": "instanceCount",
    "getterDocumentation": "The number of instances in the specified domain cluster.\n@return The number of instances in the specified domain cluster.",
    "getterModel": {\n        "returnType": "Integer",
        "documentation": null\n    },
    "http": {\n        "additionalMarshallingPath": null,
        "additionalUnmarshallingPath": null,
        "flattened": false,
        "greedy": false,
        "header": false,
        "isPayload": false,
        "isStreaming": false,
        "location": null,
        "marshallLocation": "PAYLOAD",
        "marshallLocationName": "InstanceCount",
        "queryString": false,
        "statusCode": false,
        "unmarshallLocationName": "InstanceCount",
        "uri": false\n    },
    "idempotencyToken": false,
    "isBinary": false,
    "jsonValue": false,
    "list": false,
    "listModel": null,
    "map": false,
    "mapModel": null,
    "marshallingType": "INTEGER",
    "name": "InstanceCount",
    "setterDocumentation": "The number of instances in the specified domain cluster.\n@return The number of instances in the specified domain cluster.",
    "setterMethodName": "setInstanceCount"
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "The number of instances in the specified domain cluster.",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"InstanceType" : {
  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "deprecated" : false,
  "documentation" : "The instance type for an Elasticsearch cluster.",
  "enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "instanceType",
  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterMethodName" : "instanceType",
  "fluentSetterDocumentation" : "The instance type for an Elasticsearch cluster.",
  "getterDocumentation" : "If the service returns an enum value that is not available in the current SDK version, [@link #instanceType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #instanceTypeAsString].",
  "return" : "The instance type for an Elasticsearch cluster.",
  "see" : "ESPartitionInstanceType"
}
"getterModel": {  
"returnType": "String",  
"documentation": null  
},  
"http": {  
"additionalMarshallingPath": null,  
"additionalUnmarshallingPath": null,  
"flattened": false,  
"greedy": false,  
"header": false,  
"isPayload": true,  
"isStreaming": false,  
"location": null,  
"marshallLocation": "PAYLOAD",  
"marshallLocationName": "InstanceType",  
"queryString": false,  
"statusCode": false,  
"unmarshallLocationName": "InstanceType",  
"uri": false  
},  
"idempotencyToken": false,  
"isBinary": false,  
"jsonValue": false,  
"list": false,  
"listModel": null,  
"map": false,  
"mapModel": null,  
"marshallingType": "STRING",  
"name": "InstanceType",  
"setterDocumentation": "<p>The instance type for an Elasticsearch cluster.</p>\n@param instanceType The instance type for an Elasticsearch cluster.\n@see ESPartitionInstanceType",  
"setterMethodName": "setInstanceType",  
"setterModel": {  
"variableDeclarationType": "String",  
"variableName": "instanceType",  
"variableType": "String",  
"documentation": null,  
"simpleType": "String",  
"variableSetterType": "String"  
},  
"simple": true,  
"timestampFormat": null,  
"variable": {  
"variableDeclarationType": "String",  
"variableName": "instanceType",  
"variableType": "String",  
"documentation": "<p>The instance type for an Elasticsearch cluster.</p>\n\n\n@see ESPartitionInstanceType",  
"simpleType": "String"  
}
"variableSetterType": "String",
},
"xmlNameSpaceUri": null
},
"ZoneAwarenessEnabled": {
  "beanStyleGetterMethodName": "getZoneAwarenessEnabled",
  "beanStyleSetterMethodName": "setZoneAwarenessEnabled",
  "c2jName": "ZoneAwarenessEnabled",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>This is a convenience that creates an instance of the { @link Boolean.Builder } avoiding the need to create one manually via { @link Boolean.Builder() }. When the { @link Consumer } completes, { @link Boolean.Builder#build() } is called immediately and its result is passed to { @link #zoneAwarenessEnabled(Boolean) }.<p>@param zoneAwarenessEnabled a consumer that will call methods on { @link Boolean.Builder }<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #zoneAwarenessEnabled(Boolean)",
  "deprecated": false,
  "documentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
  "eventType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "zoneAwarenessEnabled",
  "fluentSetterMethodName": "zoneAwarenessEnabled",
  "getterDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
  "getReturnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ZoneAwarenessEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ZoneAwarenessEnabled",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"setterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.",
"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "zoneAwarenessEnabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "zoneAwarenessEnabled",
"variableType" : "Boolean",
"documentation" : "A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.",
"simpleType" : "Boolean"
"variableSetterType" : "Boolean"
],
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getInstanceTypeAsString",
"beanStyleSetterMethodName" : "setInstanceType",
"c2jName" : "InstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #instanceTypeAsString(String)}.<p>
@throws IllegalArgumentException if the provided instance type is invalid.
@return Returns a reference to this object so that method calls can be chained together.
@see #instanceType(String)",
"deprecated" : false,
"documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterMethodName" : "instanceType",
"fluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>
If the service returns an enum value that is not available in the current SDK version, {@link #instanceType} will return {@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #instanceTypeAsString(String)}.<p>
@throws IllegalArgumentException if the provided instance type is invalid.
@return Returns a reference to this object so that method calls can be chained together.
@see ESPartitionInstanceType",
"getterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
],
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceType"}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : false
},
:idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>
@param instanceType The instance type for an Elasticsearch cluster.
@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "instanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "instanceType",
"variableType" : "String",
"documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getInstanceCount",
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, the method is called immediately and its result is passed to the builder method on the consumer that will call methods on the consumer to return a reference to this object so that method calls can be chained together.
@see #instanceCount(Integer)"
"deprecated" : false,
"documentation" : "<p>The number of instances in the specified domain cluster.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
@param
instanceCount The number of instances in the specified domain cluster.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
@return The number of instances in the specified domain cluster.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
@param
instanceCount The number of instances in the specified domain cluster.
@return The number of instances in the specified domain cluster.",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
}
"variableName": "instanceCount",
"variableType": "Integer",
"documentation": null,
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Integer",
"variableName": "instanceCount",
"variableType": "Integer",
"documentation": "<p>The number of instances in the specified domain cluster.</p>",
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
{ "beanStyleGetterMethodName": "getDedicatedMasterEnabled",
"beanStyleSetterMethodName": "setDedicatedMasterEnabled",
"c2jName": "DedicatedMasterEnabled",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p><p>This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the { @link Consumer} completes, { @link Boolean.Builder#build()}) is called immediately and its result is passed to { @link DedicatedMasterEnabled(Boolean)}. @param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #dedicatedMasterEnabled(Boolean)",
"deprecated": false,
"documentation": "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "dedicatedMasterEnabled",
"fluentSetterDocumentation": "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>",
"param dedicatedMasterEnabled Returns a reference to this object so that method calls can be chained together.@see #dedicatedMasterEnabled(Boolean)"
Nodes for more information.

@code

return


A boolean value to indicate whether a dedicated master node is enabled. See \ref


About Dedicated Master Nodes for more information.

@return

A boolean value to indicate whether a dedicated master node is enabled. See \ref


About Dedicated Master Nodes for more information.

\endcode
"variableDeclarationType" : "Boolean",
"variableName" : "dedicatedMasterEnabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "dedicatedMasterEnabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
"beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
"c2jName" : "ZoneAwarenessEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.&lt;/p&gt;

This is a convenience that creates an instance of the [...]

When the [...]

@link Consumer] completes, [...]

@link Boolean.Builder] build() is called immediately and its result is passed to [...]

@link ZoneAwarenessEnabled(Boolean)\n\n@see #zoneAwarenessEnabled(Boolean)",
"deprecated" : false,
"documentation" : "A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.&lt;/p&gt;

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information."}
information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : 
"<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@return A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.

"getterModel" : 
{ "returnType" : "Boolean" },
"http" : 
{ "additionalMarshallingPath" : null, 
"additionalUnmarshallingPath" : null, 
"flattened" : false, 
"greedy" : false, 
"header" : false, 
"isPayload" : false, 
"isStreaming" : false, 
"location" : null, 
"marshallLocation" : "PAYLOAD", 
"marshallLocationName" : "ZoneAwarenessEnabled", 
"queryString" : false, 
"statusCode" : false, 
"unmarshallLocationName" : "ZoneAwarenessEnabled", 
"uri" : false },
"idempotencyToken" : false, 
"isBinary" : false, 
"jsonValue" : false, 
"list" : false, 
"listModel" : null, 
"map" : false, 
"mapModel" : null, 
"marshallingType" : "BOOLEAN", 
"name" : "ZoneAwarenessEnabled", 
"setterDocumentation" : 
"<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.

"setterMethodName" : "setZoneAwarenessEnabled", 
"setterModel" : 

"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "DedicatedMasterType",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DedicatedMasterType",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DedicatedMasterType",
"setterDocumentation": "<p>The instance type for a dedicated master node.</p>
@see ESPartitionInstanceType",
"setterMethodName": "setDedicatedMasterType",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "dedicatedMasterType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "dedicatedMasterType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "dedicatedMasterType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"}
"variableSetterType" : "String",
},
"xmlNameSpaceUri" : null
],
[
"beanStyleGetterMethodName" : "getDedicatedMasterCount",
"beanStyleSetterMethodName" : "setDedicatedMasterCount",
"c2jName" : "DedicatedMasterCount",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p> This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()]. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #dedicatedMasterCount(Integer)].

@see #dedicatedMasterCount(Integer)",
"deprecated" : false,
"documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p> ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p> 
@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.

@see #dedicatedMasterCount",
"getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p> 
@return Total number of dedicated master nodes, active and on standby, for the cluster.

@see #dedicatedMasterCount",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterCount",
"uri" : false
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "DedicatedMasterCount",
"setterDocumentation": "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.",
"setterMethodName": "setDedicatedMasterCount",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "dedicatedMasterCount",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "dedicatedMasterCount",
  "variableType": "Integer",
  "documentation": "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ElasticsearchClusterConfig",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "elasticsearchClusterConfig",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": null,
"simpleType": "ElasticsearchClusterConfig",
"variableSetterType": "ElasticsearchClusterConfig"
},
"wrapper": false
},
"ElasticsearchClusterConfigStatus": {
"c2jName": "ElasticsearchClusterConfigStatus",
"customization": {
  "artifactResultWrapper": null,
  "skipGeneratingMarshaller": false,
  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p> Specifies the configuration status for the specified Elasticsearch domain.</p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  "beanStyleGetterMethodName": "getOptions",
  "beanStyleSetterMethodName": "setOptions",
  "c2jName": "Options",
  "c2jShape": "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder } avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder() }.\n\nWhen the { @link Consumer } completes, { @link ElasticsearchClusterConfig.Builder#build() } is called immediately and its result is passed to { @link #options(ElasticsearchClusterConfig) }.\n@see #options(ElasticsearchClusterConfig)\n@return Returns a reference to this object so that method calls can be chained together.\n\n"deprecated": false,
"documentation": "<p> Specifies the configuration status for the specified Elasticsearch domain.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.\n@return Specifies the cluster configuration for the specified Elasticsearch domain."
,"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.\n@param options Specifies the cluster configuration for the specified Elasticsearch domain.\n",
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "options",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "options",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri": null
},

"element": {
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}.

When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.

@param status a consumer that will call methods on {@link OptionStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)",
  "deprecated": false,
  "documentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "status",
  "fluentSetterMethodName": "status",
  "fluentSetterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p><p>@param status a consumer that will call methods on {@link OptionStatus.Builder}</p><p>@return Returns a reference to this object so that method calls can be chained together.</p>",
  "getterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p><p>@return Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "getterModel": {
    "returnType": "OptionStatus",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "method": "POST",
    "operationName": "status",  
    "requestMarshallingMiddleware": null,
    "requestUnmarshallerMiddleware": null,
    "responseMarshallingMiddleware": null,
    "responseUnmarshallerMiddleware": null,
    "serviceOperation": "DescribeClusterStatus",
    "statusCode": 200,
    "uriTemplate": "status/{statusId}",
    "uriVariables": {"statusId": "string"}
  }
}
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>
@param status Specifies the status of the configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchClusterConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the [ @link ElasticsearchClusterConfig.Builder ] avoiding the need to create one manually via [ @link
ElasticsearchClusterConfig#builder()}

When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link #options(ElasticsearchClusterConfig)}.

@see #options(ElasticsearchClusterConfig)

@deprecated
"deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>

@see #options(ElasticsearchClusterConfig)

@return Specifies the cluster configuration for the specified Elasticsearch domain.

@http {"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",}
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "options",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "options",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.
@param status a consumer that will call methods on { @link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>
@param status Specifies the status of the configuration for the specified Elasticsearch domain.@return Returns a reference to this object so that method calls can be chained together.".,
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch
domain.</p>@return Specifies the status of the configuration for the specified Elasticsearch domain.",

getterModel" : {
   "returnType" : "OptionStatus",
   "documentation" : null
 },

http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "Status",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "Status",
   "uri" : false
},

idempotencyToken" : false,

isBinary" : false,

jsonValue" : false,

list" : false,

listModel" : null,

map" : false,

mapModel" : null,

marshallingType" : "SDK_POJO",

name" : "Status",

setterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>@param status Specifies the status of the configuration for the specified Elasticsearch domain.",

setterMethodName" : "setStatus",

setterModel" : {
   "variableDeclarationType" : "OptionStatus",
   "variableName" : "status",
   "variableType" : "OptionStatus",
   "documentation" : null,
   "simpleType" : "OptionStatus",
   "variableSetterType" : "OptionStatus"
 },

simple" : false,

timestampFormat" : null,

variable" : {
   "variableDeclarationType" : "OptionStatus",
   "variableName" : "status",
   "variableType" : "OptionStatus",
   "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain."
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
],
"xmlnsSpaceUri": null
}
},
"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getOptions",
"beanStyleSetterMethodName": "setOptions",
"c2jName": "Options",
"c2jShape": "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder } avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder() }. When the { @link Consumer } completes, { @link ElasticsearchClusterConfig.Builder#build() } is called immediately and its result is passed to { @link #options(ElasticsearchClusterConfig) }. 
@param options a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder } 
@return Returns a reference to this object so that method calls can be chained together. 
@see #options(ElasticsearchClusterConfig)",
"deprecated": false,
"documentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>",
"enumType": null,
"eventType": "false",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "options",
"fluentSetterDocumentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
@param options Specifies the cluster configuration for the specified Elasticsearch domain. 
@return Returns a reference to this object so that method calls can be chained together. 
@see #options(ElasticsearchClusterConfig)",
"getterDocumentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
@return Specifies the cluster configuration for the specified Elasticsearch domain. 
@see #options(ElasticsearchClusterConfig)",
"getterModel": {
"returnType": "ElasticsearchClusterConfig",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Options"}
<p>Specifies the cluster configuration for the specified Elasticsearch domain.</p>

@param options Specifies the cluster configuration for the specified Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)
"deprecated": false,
"documentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>
@param status Specifies the status of the configuration for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "status",
"getterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>
@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"getterModel": {
  "returnType": "OptionStatus",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Status",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Status",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>
@param status Specifies the status of the configuration for the specified Elasticsearch domain.
@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableGetterMethodName": "getStatus",
  "variableSetterMethodName": "setStatus",
  "variableType": "OptionStatus"
}
"variableName": "status",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},

"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": "<p>Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},

"xmlNameSpaceUri": null
}]

"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": ["Options", "Status"],
"shapeName": "ElasticsearchClusterConfigStatus",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},

"variable": {
"variableDeclarationType": "ElasticsearchClusterConfigStatus",
"variableName": "elasticsearchClusterConfigStatus",
"variableType": "ElasticsearchClusterConfigStatus",
"documentation": null,
"simpleType": "ElasticsearchClusterConfigStatus",
"variableSetterType": "ElasticsearchClusterConfigStatus"
},

"wrapper": false
},

"ElasticsearchDomainConfig": {
"c2jName": "ElasticsearchDomainConfig",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},

"deprecated": false,
"documentation": "<p>The configuration of an Elasticsearch domain.</p>"
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ]
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.\n</p>\nThis is a convenience that creates an instance of the \{@link ElasticsearchVersionStatus.Builder\} avoiding the need to create one manually via \{@link ElasticsearchVersionStatus#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link ElasticsearchVersionStatus.Builder#build()\} is called immediately and its result is passed to \{@link #elasticsearchVersion(ElasticsearchVersionStatus)\}.\n\n\n@param elasticsearchVersion a consumer that will call methods on \{@link ElasticsearchVersionStatus.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #elasticsearchVersion(ElasticsearchVersionStatus)\n",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>\n",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>\n\n@<param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>\n\n@getter(String of format X.Y to specify version for the Elasticsearch domain.\n",
"getterModel" : {
"returnType" : "ElasticsearchVersionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ElasticsearchVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchVersion",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ElasticsearchVersion",
"setterDocumentation": "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "ElasticsearchVersionStatus",
  "variableName": "elasticsearchVersion",
  "variableType": "ElasticsearchVersionStatus",
  "documentation": null,
  "simpleType": "ElasticsearchVersionStatus",
  "variableSetterType": "ElasticsearchVersionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchVersionStatus",
  "variableName": "elasticsearchVersion",
  "variableType": "ElasticsearchVersionStatus",
  "documentation": "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "simpleType": "ElasticsearchVersionStatus",
  "variableSetterType": "ElasticsearchVersionStatus"
},
"xmlNameSpaceUri": null
},
{"beanStyleGetterMethodName": "getElasticsearchClusterConfig",
 "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
 "c2jName": "ElasticsearchClusterConfig",
 "c2jShape": "ElasticsearchClusterConfigStatus",
 "defaultConsumerFluentSetterDocumentation": "<p>Specifies the &lt;code&gt;ElasticsearchClusterConfig&lt;/code&gt; for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link
ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfigStatus#builder()}.

When the {@link Consumer} completes, {@link ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.

@param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfigStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)

"deprecated" : false,
"documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>"
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.
@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

"getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

"getterModel" : {
"returnType" : "ElasticsearchClusterConfigStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>

@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain."

"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "complexType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>

"complexType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
],
],
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>

This is a convenience that creates an instance of the [EBSOptionsStatus.Builder](link) avoiding the need to create one manually via [EBSOptionsStatus#builder()](link). When the [EBSOptionsStatus.Builder#build()](link) is called immediately and its result is passed to [EBSOptionsStatus.Builder#build()](link) a consumer that will call methods on [EBSOptionsStatus.Builder](link)\n@return Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation": "<p> Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
</p>
@parameter ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "ebsOptions",
"getterDocumentation": "<p> Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
</p>

@returns Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel": {
    "returnType": "EBSOptionsStatus",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "EBSOptions",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "EBSOptions",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EBSOptions",
"setterDocumentation": "<p> Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
</p>

@parameter ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.

@returns Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName": "setEbsOptions",
"setterModel": {
    "variableDeclarationType": "EBSOptionsStatus",
    "variableName": "ebsOptions",
    "variableType": "EBSOptionsStatus",
    "documentation": null,
    "simpleType": "EBSOptionsStatus",
    "variableSetterType": "EBSOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable" : {
    "variableDeclarationType" : "EBSOptionsStatus",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptionsStatus",
    "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
    "simpleType" : "EBSOptionsStatus",
    "variableSetterType" : "EBSOptionsStatus"
},
"xmlNameSpaceUri" : null
},
{
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies",
    "c2jName" : "AccessPolicies",
    "c2jShape" : "AccessPoliciesStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the {@link AccessPoliciesStatus.Builder} avoiding the need to create one manually via {@link AccessPoliciesStatus#builder()}. When the {@link Consumer} completes, {@link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to {@link AccessPoliciesStatus(AccessPoliciesStatus)}.

@see #accessPolicies(AccessPoliciesStatus)

@deprecated : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>

@see #accessPolicies(AccessPoliciesStatus)

@deprecated : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"xmlNameSpaceUri" : null,
}
  { "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the
Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}.\n\nWhen the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptionsStatus)}.

@link SnapshotOptionsStatus

@return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)

"deprecated" : false,
"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>

@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

"getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>

@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"getterModel" : {
"returnType" : "SnapshotOptionsStatus",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p> Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. </p>

@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"setterModel" : {
"returnType" : "SnapshotOptionsStatus",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p> Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. </p>

@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"setterModel" : {
"returnType" : "SnapshotOptionsStatus",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
domain.

"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfoStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>

This is a convenience that creates an instance of the <code>VPCDerivedInfoStatus</code> without the need to create one manually via <code>VPCDerivedInfoStatus#builder()</code>. When the <code>Consumer</code> completes, the <code>VPCDerivedInfoStatus.Builder</code> is called immediately and its result is passed to <code>VPCOptions(VPCDerivedInfoStatus)</code>. The params are passed to <code>VPCDerivedInfoStatus.Builder</code> and a new instance of the <code>VPCOptions</code> is returned.

@see #vpcOptions(VPCDerivedInfoStatus)
@param vpcOptions a consumer that will call methods on <code>VPCDerivedInfoStatus.Builder</code>
@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCDerivedInfoStatus)"
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>

@see #vpcOptions(VPCDerivedInfoStatus) The
<code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n@returns Returns a reference to this object so that method calls can be chained together.

@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

"setterDocumentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

"setterMethodName" : "setVpcOptions",
"setterModel" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : null,
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : "The &lt;code&gt;VPCOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.", 
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "The &lt;code&gt;CognitoOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the {@link CognitoOptionsStatus.Builder} avoiding the need to create one manually via {@link CognitoOptionsStatus#builder()}.

When the {@link Consumer} completes, {@link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link CognitoOptionsStatus}).

@returns A reference to this object so that method calls can be chained together.
@see #cognitoOptions(CognitoOptionsStatus)
"deprecated" : false,
"documentation" : "The &lt;code&gt;CognitoOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.", 
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "The &lt;code&gt;CognitoOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.", 
"param cognitoOptions The &lt;code&gt;CognitoOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a
"xmlNameSpaceUri" : null
}
Amazon Cognito Authentication for Kibana</a>.</p>

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "cognitoOptions",

@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "getterDocumentation" : null,
  "documentation" : null,
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CognitoOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CognitoOptions",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "CognitoOptions",

@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",

"variableName" : "cognitoOptions",
"variableType" : "CognitoOptionsStatus",
"documentation" : null,
"simpleType" : "CognitoOptionsStatus",
"variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via {@link EncryptionAtRestOptionsStatus#builder}().\nWhen the {@link Consumer} completes, {@link EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)}\n@param encryptionAtRestOptions a consumer that will call methods on {@link EncryptionAtRestOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "encryptionAtRestOptions",
  "getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>\n@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
  "getterModel" : { }
"returnType" : "EncryptionAtRestOptionsStatus",
"documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>
@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.,

"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},

"simple" : false,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>"
"simpleType" : "EncryptionAtRestOptionsStatus",
"variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
<NodeToNodeEncryptionOptionsOptions></code> for the Elasticsearch domain.\</p>
This is a convenience that creates an instance of the [\link NodeToNodeEncryptionOptionsStatus.Builder\] avoiding the need to create one manually via \{\link NodeToNodeEncryptionOptionsStatus#builder\}.\nWhen the \{\link Consumer\} completes, \{\link NodeToNodeEncryptionOptionsStatus.Builder#build\} is called immediately and its result is passed to \{\link NodeToNodeEncryptionOptionsStatus.Builder#nodeToNodeEncryptionOptions\}.\n\@param nodeToNodeEncryptionOptions a consumer that will call methods on \{\link NodeToNodeEncryptionOptionsStatus.Builder\}\n\@return Returns a reference to this object so that method calls can be chained together.\n\@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)\n","deprecated" : false,
"documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\</p>", 
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\</p>\n\@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n\@return Returns a reference to this object so that method calls can be chained together.\n","fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n\@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n","getterModel" : {
"returnType" : "NodeToNodeEncryptionOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptionsStatus",
This is a convenience that creates an instance of the { @link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link AdvancedOptionsStatus#builder()}. When the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(AdvancedOptionsStatus)}.

@see #advancedOptions(AdvancedOptionsStatus)
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "AdvancedOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "AdvancedOptions",
"setterDocumentation": "\n<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p></a>\n\n@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.",
"setterMethodName": "setAdvancedOptions",
"setterModel": {
  "variableDeclarationType": "AdvancedOptionsStatus",
  "variableName": "advancedOptions",
  "variableType": "AdvancedOptionsStatus",
  "documentation": null,
  "simpleType": "AdvancedOptionsStatus",
  "variableSetterType": "AdvancedOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "AdvancedOptionsStatus",
  "variableName": "advancedOptions",
  "variableType": "AdvancedOptionsStatus",
  "documentation": "\n<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p></a>\n\n"simpleType": "AdvancedOptionsStatus",
  "variableSetterType": "AdvancedOptionsStatus"
},
"xmlNameSpaceUri": null
},
{ "beanStyleGetterMethodName": "getLogPublishingOptions",
  "beanStyleSetterMethodName": "setLogPublishingOptions",
  "c2jName": "LogPublishingOptions",
"c2jShape" : "LogPublishingOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>"

This is a convenience that creates an instance of the {@link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via {@link LogPublishingOptionsStatus#builder()}. When the {@link Consumer} completes, the instance of the Builder is called immediately and its result is passed to the method. The method is called methods on the Builder a consumer that will call methods on the Builder. It returns a reference to this object so that method calls can be chained together. See #logPublishingOptions.

"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>";

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "logPublishingOptions",
"fluentSetterMethodName" : "logPublishingOptions",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>"

return Log publishing options for the given domain.

"getterModel" : {
  "returnType" : "LogPublishingOptionsStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : null,
  "simpleType" : "LogPublishingOptionsStatus",
  "variableSetterType" : "LogPublishingOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : "<p>Log publishing options for the given domain.</p>
  
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : "<p>Log publishing options for the given domain.</p>
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "LogPublishingOptionsStatus",
    "variableName" : "logPublishingOptions",
    "variableType" : "LogPublishingOptionsStatus",
    "documentation" : "<p>Log publishing options for the given domain.</p>
  }
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "AccessPolicies" : {
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies",
    "c2jName" : "AccessPolicies",
    "c2jShape" : "AccessPoliciesStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
    
    "deprecated" : false,
    "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "accessPolicies",
    "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
  }
}
accessPolicies IAM access policy as a JSON-formatted string.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.

"getterModel" : {
  "returnType" : "AccessPoliciesStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.

"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simple" : false,
  "simpleSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {


"variableDeclarationType" : "AccessPoliciesStatus",
"variableName" : "accessPolicies",
"variableType" : "AccessPoliciesStatus",
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"simpleType" : "AccessPoliciesStatus",
"variableSetterType" : "AccessPoliciesStatus"
}.
"xmlnsNameSpaceUri" : null
}.
"AdvancedOptions" : {
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptionsStatus",
This is a convenience that creates an instance of the {link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via {link AdvancedOptionsStatus#builder}().
When the {link Consumer} completes, {link AdvancedOptionsStatus.Builder#build}() is called immediately and its result is passed to {link AdvancedOptionsStatus(AdvancedOptionsStatus)}.&lt;param advancedOptions a consumer that will call methods on {link AdvancedOptionsStatus.Builder}().&lt;return Returns a reference to this object so that method calls can be chained together.&lt;/a&gt;&lt;see AdvancedOptionsStatus)"},
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.&lt;/p&gt;\n@return Returns a reference to this object so that method calls can be chained together."},
"gettersMethodNames" : "advancedOptions",
"gettersDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.&lt;/p&gt;\n@return Returns a reference to this object so that method calls can be chained together."}
Configuring Advanced Options for more information.

```
"getterModel": {
  "returnType": "AdvancedOptionsStatus",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "AdvancedOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "AdvancedOptions",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "AdvancedOptions",
@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.
"setterMethodName": "setAdvancedOptions",
"setterModel": {
  "variableDeclarationType": "AdvancedOptionsStatus",
  "variableName": "advancedOptions",
  "variableType": "AdvancedOptionsStatus",
  "documentation": null,
  "simpleType": "AdvancedOptionsStatus",
  "variableSetterType": "AdvancedOptionsStatus"
},
"simple": false,
```
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "AdvancedOptionsStatus",
    "variableName": "advancedOptions",
    "variableType": "AdvancedOptionsStatus",
    "simpleType": "AdvancedOptionsStatus",
    "variableSetterType": "AdvancedOptionsStatus"
},
"xmlNameSpaceUri": null
},
"CognitoOptions": {
    "beanStyleGetterMethodName": "getCognitoOptions",
    "beanStyleSetterMethodName": "setCognitoOptions",
    "c2jName": "CognitoOptions",
    "c2jShape": "CognitoOptionsStatus",
    "defaultConsumerFluentSetterDocumentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. </p>
This is a convenience that creates an instance of the { @link CognitoOptionsStatus.Builder} avoiding the need to create one manually via { @link CognitoOptionsStatus#builder()}. When the { @link Consumer} completes, { @link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link CognitoOptionsStatus}.

When the { @link Consumer} completes, Returns a reference to this object so that method calls can be chained together.

"deprecated": false,
"documentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "cognitoOptions",
"fluentSetterDocumentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. </p>
@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. 

@returns Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName": "cognitoOptions",
"getterDocumentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. 

@returns Returns a reference to this object so that method calls can be chained together.
",
"getterMethodName": "cognitoOptions"}
The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```

"getterModel" : {
  "returnType" : "CognitoOptionsStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "CognitoOptions",

"setterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",

"setterMethodName" : "setCognitoOptions",

"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
}
```
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the <code>EBSOptionsStatus.Builder</code> avoiding the need to create one manually via <code>EBSOptionsStatus.builder().build()</code>. When the <code>EBSOptionsStatus.Builder#build()</code> is called immediately and its result is passed to <code>EBSOptions</code> a consumer that will call methods on <code>EBSOptionsStatus.Builder#return</code> Returns a reference to this object so that method calls can be chained together.<code>EBSOptionsStatus</code>.
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
  "@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.<br/>\n@return Returns a reference to this object so that method calls can be chained together."
  "fluentSetterMethodName" : "ebsOptions",
  "getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.<br/>\n@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain."
  "getterModel" : {
    "returnType" : "EBSOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
  },
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : null,
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchClusterConfig" : {
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig"
"c2jShape" : "ElasticsearchClusterConfigStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfigStatus#builder()}. When the {@link Consumer} completes, {@link ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.

When the {@link Consumer} completes, {@link #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)} is called immediately and its result is passed to {@link #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.

@return Returns a reference to this object so that method calls can be chained together.

#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>

@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

@see #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)

@code

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

#elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)

@code

"getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>

@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

@see #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)

@code

"getterModel" : {
"returnType" : "ElasticsearchClusterConfigStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the &lt;code&gt;ElasticsearchClusterConfig&lt;/code&gt; for the Elasticsearch domain.</p>
@param elasticsearchClusterConfig Specifies the &lt;code&gt;ElasticsearchClusterConfig&lt;/code&gt; for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfigStatus",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfigStatus",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfigStatus",
"variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchClusterConfigStatus",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfigStatus",
"documentation" : "<p>Specifies the &lt;code&gt;ElasticsearchClusterConfig&lt;/code&gt; for the Elasticsearch domain.</p>
"variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
\nThis is a convenience that creates an instance of the { @link ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchVersionStatus#builder()}. When the { @link Consumer} completes, { @link ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchVersion(ElasticsearchVersionStatus)}.\n@param elasticsearchVersion a consumer that will call methods on { @link ElasticsearchVersionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(ElasticsearchVersionStatus)",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
"enumType" : null,
"eventId" : "elasticsearchVersion",

"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>

@returns Returns a reference to this object so that method calls can be chained together.,

"getterMethodName" : "elasticsearchVersion",

"getterModel" : {
  "returnType" : "ElasticsearchVersionStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "ElasticsearchVersion",

"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>

@returns String of format X.Y to specify version for the Elasticsearch domain.",

"setterMethodName" : "setElasticsearchVersion",

"setterModel" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : null,
"simpleType" : "ElasticsearchVersionStatus",
"variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchVersionStatus",
"variableName" : "elasticsearchVersion",
"variableType" : "ElasticsearchVersionStatus",
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
"simpleType" : "ElasticsearchVersionStatus",
"variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlNameSpaceUri" : null
},
"EncryptionAtRestOptions" : {
"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptionsStatus",
"deprecated" : false,
"documentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;nThis is a convenience that creates an instance of the { @link EncryptionAtRestOptionsStatus.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptionsStatus#builder()}.\n\nWhen the { @link Consumer} completes, { @link EncryptionAtRestOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link EncryptionAtRestOptions(EncryptionAtRestOptionsStatus)}\n\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;",
"getterDocumentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;
\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"getterModel" : {
"returnType" : "EncryptionAtRestOptionsStatus",
"documentation" : null
},
"encryptionAtRestOptionsOptions" : {
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;n\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;
\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"getterDocumentation" : "<p>Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;
\n@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
"getterModel" : {
"returnType" : "EncryptionAtRestOptionsStatus",
"documentation" : null
}
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EncryptionAtRestOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EncryptionAtRestOptions",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>
@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptionsStatus",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptionsStatus",
    "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptionsStatus",
    "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>"
    "simpleType" : "EncryptionAtRestOptionsStatus",
    "variableSetterType" : "EncryptionAtRestOptionsStatus"
}
"xmlNameSpaceUri" : null
},
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptions",
  "beanStyleSetterMethodName" : "setLogPublishingOptions",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.
This is a convenience that creates an instance of the {\link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via {\link LogPublishingOptionsStatus#builder()}.\nWhen the {\link Consumer} completes, {\link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to {\link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to {\link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to {\link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to \n@return Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptions(LogPublishingOptionsStatus)".
  "deprecated" : false,
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "logPublishingOptions",
  "fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
  @param logPublishingOptions Log publishing options for the given domain.
  @return Returns a reference to this object so that method calls can be chained together."
  "getterDocumentation" : "<p>Log publishing options for the given domain.</p>
  @return Log publishing options for the given domain."
  "getterModel" : {
    "returnType" : "LogPublishingOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LogPublishingOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LogPublishingOptions",
    "uri" : false
  },
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "LogPublishingOptions",
"setterDocumentation": ":<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain."
,"setterMethodName": "setLogPublishingOptions",
"setterModel": {
  "variableDeclarationType": "LogPublishingOptionsStatus",
  "variableName": "logPublishingOptions",
  "variableType": "LogPublishingOptionsStatus",
  "documentation": null,
  "simpleType": "LogPublishingOptionsStatus",
  "variableSetterType": "LogPublishingOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "LogPublishingOptionsStatus",
  "variableName": "logPublishingOptions",
  "variableType": "LogPublishingOptionsStatus",
  "documentation": <p>Log publishing options for the given domain.</p>,
  "simpleType": "LogPublishingOptionsStatus",
  "variableSetterType": "LogPublishingOptionsStatus"
},
"xmlNameSpaceUri": null,
"NodeToNodeEncryptionOptions": {
  "beanStyleGetterMethodName": "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName": "setNodeToNodeEncryptionOptions",
  "c2jName": "NodeToNodeEncryptionOptions",
  "c2jShape": "NodeToNodeEncryptionOptionsStatus",
  "defaultConsumerFluentSetterDocumentation": ":<p>Specifies the
<longcode>NodeToNodeEncryptionOptions</longcode> for the Elasticsearch domain.</p>
\nThis is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptionsStatus#builder()}. When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}.\n@<param nodeToNodeEncryptionOptions a consumer that will call methods on {@link NodeToNodeEncryptionOptionsStatus.Builder}\n@<return Returns a reference to this object so that method calls can be chained together.@ see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)"},
  "deprecated": false,
  "documentation": "<p>Specifies the <longcode>NodeToNodeEncryptionOptions</longcode> for the Elasticsearch
domain.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "\p>Specifies the &lt;code&gt;NodeToNodeEncryptionOptions</code&gt; for the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "\p>Specifies the &lt;code&gt;NodeToNodeEncryptionOptions</code&gt; for the Elasticsearch domain.

@return Specifies the &lt;code&gt;NodeToNodeEncryptionOptions</code&gt; for the Elasticsearch domain.

"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "\p>Specifies the &lt;code&gt;NodeToNodeEncryptionOptions</code&gt; for the Elasticsearch domain.

@return Specifies the &lt;code&gt;NodeToNodeEncryptionOptions</code&gt; for the Elasticsearch domain.

"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptionsStatus",
    "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
    "simpleType" : "NodeToNodeEncryptionOptionsStatus",
    "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
  },
  "xmlNameSpaceUri" : null
},

"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
</p>
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>"}

This is a convenience that creates an instance of the `{ @link SnapshotOptionsStatus.Builder } avoiding the need to create one manually via `{@link SnapshotOptionsStatus#builder()}`. When the `{@link Consumer} completes, `{@link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to `{@link #snapshotOptions(SnapshotOptionsStatus)}`.

@param snapshotOptions a consumer that will call methods on `{@link SnapshotOptionsStatus.Builder#build()}` return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)

"deprecated" : false,
"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
  "fluentSetterMethodName" : "snapshotOptions",
  "getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>"
"getterModel" : {
  "returnType" : "SnapshotOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "\p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain."
,"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "\p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain."
"simpleType" : "SnapshotOptionsStatus",
"variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"VPCOptions" : {
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfoStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
This is a convenience that creates an instance of the {@link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via {@link VPCDerivedInfoStatus#builder()}.
When the {@link Consumer} completes, {@link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to {@link VPCDerivedInfoStatus#builder()}.

@see #vpcOptions(VPCDerivedInfoStatus)

@deprecated : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@param vpcOptions a consumer that will call methods on {@link VPCDerivedInfoStatus.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCDerivedInfoStatus)"
,"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCDerivedInfoStatus)
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@returns The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@see #vpcOptions(VPCDerivedInfoStatus)
"getterModel" : {
"returnType" : "VPCDerivedInfoStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "VPCOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "VPCOptions",
"uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "VPCOptions",
"setterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\</p>\n@param vpcOptions The \<code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\),

"setterMethodName": "setVpcOptions",
"setterModel": {
  "variableDeclarationType": "VPCDerivedInfoStatus",
  "variableName": "vpcOptions",
  "variableType": "VPCDerivedInfoStatus",
  "documentation": null,
  "simpleType": "VPCDerivedInfoStatus",
  "variableSetterType": "VPCDerivedInfoStatus"
},

"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "VPCDerivedInfoStatus",
  "variableName": "vpcOptions",
  "variableType": "VPCDerivedInfoStatus",
  "documentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\</p>\n@param vpcOptions The \<code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\),

"setterMethodName": "setVpcOptions",
"setterModel": {
  "variableDeclarationType": "VPCDerivedInfoStatus",
  "variableName": "vpcOptions",
  "variableType": "VPCDerivedInfoStatus",
  "documentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\</p>\n@param vpcOptions The \<code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\),"}
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNameSpaceUri" : null
]
],
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchVersionStatus#builder()}. When the { @link Consumer} completes, { @link ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchVersion(ElasticsearchVersionStatus)}.
@param elasticsearchVersion a consumer that will call methods on { @link ElasticsearchVersionStatus.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchVersion(ElasticsearchVersionStatus)",
  "deprecated" : false,
  "documentation" : "String of format X.Y to specify version for the Elasticsearch domain.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@return String of format X.Y to specify version for the Elasticsearch domain.
@ see #elasticsearchVersion(ElasticsearchVersionStatus)",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.
@return String of format X.Y to specify version for the Elasticsearch domain.
@ see #elasticsearchVersion(ElasticsearchVersionStatus)",
  "getterModel" : {
    "returnType" : "ElasticsearchVersionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchVersion",
  }
}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchVersionStatus",
  "variableName" : "elasticsearchVersion",
  "variableType" : "ElasticsearchVersionStatus",
  "documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
"","simple" : "ElasticsearchVersionStatus",
  "variableSetterType" : "ElasticsearchVersionStatus"
},
"xmlnsSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfigStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfigStatus#builder()}.\n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}.\n\n@returns a reference to this
object so that method calls can be chained together. @see #elasticsearchClusterConfig(ElasticsearchClusterConfigStatus)
    
    "deprecated" : false,
    "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchClusterConfig",
    "fluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
    @param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.
    @return Returns a reference to this object so that method calls can be chained together.
    "fluentSetterMethodName" : "elasticsearchClusterConfig",
    "getterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
    @return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.
    "getterModel" : {
        "returnType" : "ElasticsearchClusterConfigStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchClusterConfig",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchClusterConfig",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "SDK_POJO",
    "name" : "ElasticsearchClusterConfig",
    "setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
    @return Returns a reference to this object so that method calls can be chained together."
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domain.</p>
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>

"simpleType" : "ElasticsearchClusterConfigStatus",
"variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : null,
"beanStyleSetterMethodName" : null,
"c2jName" : null,
"c2jShape" : null,
"documentation" : null,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"getterDocumentation" : null,
"setterDocumentation" : null,
"setterMethodName" : null,
"setterModel" : null,
"setterSetterMethodName" : null,
"timestampFormat" : null,
"variable" : null,
"variableDeclarationType" : null,
"variableName" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : null,
"beanStyleSetterMethodName" : null,
"c2jName" : null,
"c2jShape" : null,
"documentation" : null,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"getterDocumentation" : null,
"setterDocumentation" : null,
"setterMethodName" : null,
"setterModel" : null,
"setterSetterMethodName" : null,
"timestampFormat" : null,
"variable" : null,
"variableDeclarationType" : null,
"variableName" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : null,
"beanStyleSetterMethodName" : null,
"c2jName" : null,
"c2jShape" : null,
"documentation" : null,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"getterDocumentation" : null,
"setterDocumentation" : null,
"setterMethodName" : null,
"setterModel" : null,
"setterSetterMethodName" : null,
"timestampFormat" : null,
"variable" : null,
"variableDeclarationType" : null,
"variableName" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : null,
"beanStyleSetterMethodName" : null,
"c2jName" : null,
"c2jShape" : null,
"documentation" : null,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"getterDocumentation" : null,
"setterDocumentation" : null,
"setterMethodName" : null,
"setterModel" : null,
"setterSetterMethodName" : null,
"timestampFormat" : null,
"variable" : null,
"variableDeclarationType" : null,
"variableName" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : null,
"beanStyleSetterMethodName" : null,
"c2jName" : null,
"c2jShape" : null,
"documentation" : null,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : null,
"fluentSetterMethodName" : null,
"getterDocumentation" : null,
"setterDocumentation" : null,
"setterMethodName" : null,
"setterModel" : null,
"setterSetterMethodName" : null,
"timestampFormat" : null,
"variable" : null,
"variableDeclarationType" : null,
"variableName" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
}
domain.

@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.

setEbsOptions

"variableDeclarationType" : "EBSOptionsStatus",
"variableName" : "ebsOptions",
"variableType" : "EBSOptionsStatus",
"documentation" : null,
"simpleType" : "EBSOptionsStatus",
"variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EBSOptionsStatus",
"variableName" : "ebsOptions",
"variableType" : "EBSOptionsStatus",
"documentation" : null,
"simpleType" : "EBSOptionsStatus",
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>"}
"simpleType" : "EBSOptionsStatus",
"variableSetterType" : "EBSOptionsStatus"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "AccessPoliciesStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the {@link AccessPoliciesStatus.Builder} avoiding the need to create one manually via {@link AccessPoliciesStatus#builder()}. When the {@link Consumer} completes, {@link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to {@link AccessPolicies(AccessPoliciesStatus)}. @param accessPolicies a consumer that will call methods on {@link AccessPoliciesStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #accessPolicies(AccessPoliciesStatus)"
,  
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.",
"getterModel" : {
"returnType" : "AccessPoliciesStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"xmlNameSpaceUri" : null
}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
"simple" : false,
"timestampFormat" : null
},
"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
@link
SnapshotOptionsStatus.Builder] avoiding the need to create one manually via [@link
SnapshotOptionsStatus#builder()).
When the [@link Consumer] completes, [@link
SnapshotOptionsStatus.Builder#build()] is called immediately and its result is passed to [@link
#snapshotOptions(SnapshotOptionsStatus)).
@param snapshotOptions a consumer that will call methods on
[@link SnapshotOptionsStatus.Builder]@return Returns a reference to this object so that method calls can be
chained together.@see #snapshotOptions(SnapshotOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "\n@p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n@p>@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n\n@p>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "\n@p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n@p>@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n\n@p>@return Returns a reference to this object so that method calls can be chained together."
"getterModel" : {
  "returnType" : "SnapshotOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "\n@p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n@p>@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.\n@p>@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain."
"setterMethodname" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions"
"variableType" : "SnapshotOptionsStatus",
"documentation" : null,
"simpleType" : "SnapshotOptionsStatus",
"variableSetterType" : "SnapshotOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
  "xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfoStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.<p>

This is a convenience that creates an instance of the [VPCDerivedInfoStatus.Builder] avoiding the need to create one manually via [VPCDerivedInfoStatus#builder()]. When the [Consumer] completes, [VPCDerivedInfoStatus.Builder#build()] is called immediately and its result is passed to [VPCOptions(VPCDerivedInfoStatus)].

@see #vpcOptions(VPCDerivedInfoStatus)
@return Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.<p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcOptions",
  "fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.<p>

When the [Consumer] completes, [VPCDerivedInfoStatus.Builder#build()] is called immediately and its result is passed to [VPCOptions(VPCDerivedInfoStatus)].

Returns a reference to this object so that method calls can be chained together.

@see #vpcOptions(VPCDerivedInfoStatus)
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.<p>
@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",

"getterModel": {
  "returnType": "VPCDerivedInfoStatus",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCOptions",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"isPayload": false,

"marshallType": "SDK_POJO",

"name": "VPCOptions",

"setterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.<p>
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",

"setterMethodName": "setVpcOptions",

"setterModel": {
  "variableDeclarationType": "VPCDerivedInfoStatus",
  "variableName": "vpcOptions",
  "variableType": "VPCDerivedInfoStatus",
  "documentation": null,
  "simpleType": "VPCDerivedInfoStatus",
  "simpleType": "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfoStatus",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfoStatus",
  "documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
  "simpleType" : "VPCDerivedInfoStatus",
  "variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>."

This is a convenience that creates an instance of the [ @link CognitoOptionsStatus.Builder] avoiding the need to create one manually via [ @link CognitoOptionsStatus#builder()]. When the [ @link Consumer] completes, [ @link CognitoOptionsStatus.Builder#build()] is called immediately and its result is passed to [ @link #cognitoOptions(CognitoOptionsStatus)[param cognitoOptions a consumer that will call methods on [ @link CognitoOptionsStatus.Builder] returns a reference to this object so that method calls can be chained together.]

@deprecated

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",

@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@returns Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more

```java
public CognitoOptions get(String domain, String cognitoOptions)
```

The `CognitoOptions` for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```java
public CognitoOptions set(String domain, CognitoOptions cognitoOptions)
```

The `CognitoOptions` for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```java
public void setCognitoOptions(CognitoOptions cognitoOptions)
```

The `CognitoOptions` for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```java
public CognitoOptionsStatus setCognitoOptionsStatus(String domain, CognitoOptionsStatus cognitoOptionsStatus)
```

The `CognitoOptionsStatus` for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```java
public void setCognitoOptionsStatus(CognitoOptionsStatus cognitoOptionsStatus)
```

The `CognitoOptionsStatus` for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.&lt;/p&gt;",
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.&lt;/p&gt;

This is a convenience that creates an instance of the [EncryptionAtRestOptionsStatus.Builder] avoiding the need to create one manually via [EncryptionAtRestOptionsStatus#builder()].

When the [Consumer] completes, [EncryptionAtRestOptionsStatus.Builder#build()] is called immediately and its result is passed to [EncryptionAtRestOptions(EncryptionAtRestOptionsStatus)].

@param encryptionAtRestOptions a consumer that will call methods on [EncryptionAtRestOptionsStatus.Builder]

@returns Returns a reference to this object so that method calls can be chained together.

@see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.&lt;/p&gt;",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "encryptionAtRestOptions",
  "fluentSetterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.&lt;/p&gt;

@returns Returns a reference to this object so that method calls can be chained together.

@see #encryptionAtRestOptions",
  "getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.&lt;/p&gt;

@returns Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

@see #encryptionAtRestOptions",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptionsStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>
@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null}
This is a convenience that creates an instance of the `NodeToNodeEncryptionOptionsStatus.Builder` avoiding the need to create one manually via `NodeToNodeEncryptionOptionsStatus.builder()`. When the `@link Consumer` completes, `NodeToNodeEncryptionOptionsStatus.Builder#build()` is called immediately and its result is passed to `NodeToNodeEncryptionOptionsStatus(NeNodeToNodeEncryptionOptionsStatus)`. `@param nodeToNodeEncryptionOptions a consumer that will call methods on `NodeToNodeEncryptionOptionsStatus.Builder`.

Returns a reference to this object so that method calls can be chained together. `@see NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)`,
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
  "simple" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"xmlNameSpaceUri" : null,
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.&lt;/p&gt;This is a convenience that creates an instance of the { @link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link AdvancedOptionsStatus.Builder#build()}. When the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(AdvancedOptionsStatus)}. &lt;param advancedOptions a consumer that will call methods on
@link AdvancedOptionsStatus.Builder\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #advancedOptions(AdvancedOptionsStatus)"
,
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdoma" target="_blank">Configuring Advanced Options</a> for more information.
@return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdoma" target="_blank">Configuring Advanced Options</a> for more information.</p>
@return Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdoma" target="_blank">Configuring Advanced Options</a> for more information.
",
"getterModel" : {
  "returnType" : "AdvancedOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},

---

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AdvancedOptions",
@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNameSpaceUri" : null
}

"beanStyleGetterMethodName" : "getLogPublishingOptions",
"beanStyleSetterMethodName" : "setLogPublishingOptions",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p><p>This is a convenience that creates an instance of the {@link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via {@link LogPublishingOptionsStatus#builder()}. When the {@link Consumer} completes, {@link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
@link LogPublishingOptionsStatus.Builder\n@return Returns a reference to this object so that method calls can be chained together.
@see LogPublishingOptions(LogPublishingOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnum SetterMethodName" : null,
"fluentGetterMethodName" : "logPublishingOptions",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>",
"getterModel" : {
"returnType" : "LogPublishingOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>",
"return" : false,
"returnModel" : null,
"responseExceptionClass" : null,
"responseType" : null,
"responseTypeExceptionClass" : null,
"returns" : false,
"shapeName" : null,
"sql" : null,
"sqlValue" : false,
"streaming" : false,
"target" : null,
"targetArn" : null,
"targetId" : null,
"targetType" : null,
"tryAgainFlag" : false,
"value" : null,
"setterMethodName": "setLogPublishingOptions",
"setterModel": {
"variableDeclarationType": "LogPublishingOptionsStatus",
"variableName": "logPublishingOptions",
"variableType": "LogPublishingOptionsStatus",
"documentation": null,
"simpleType": "LogPublishingOptionsStatus",
"variableSetterType": "LogPublishingOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "LogPublishingOptionsStatus",
"variableName": "logPublishingOptions",
"variableType": "LogPublishingOptionsStatus",
"documentation": "<p>Log publishing options for the given domain.</p>",
"simpleType": "LogPublishingOptionsStatus",
"variableSetterType": "LogPublishingOptionsStatus"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ElasticsearchDomainConfig",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "ElasticsearchDomainConfig",
"variableName": "elasticsearchDomainConfig",
"variableType": "ElasticsearchDomainConfig",
"documentation": null,
"simpleType": "ElasticsearchDomainConfig",
"variableSetterType": "ElasticsearchDomainConfig"
},
"wrapper": false
},
"ElasticsearchDomainStatus": {
"c2jName": "ElasticsearchDomainStatus",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
}
}
The current status of an Elasticsearch domain.

The unique identifier for the specified Elasticsearch domain.

The unique identifier for the specified Elasticsearch domain.

The unique identifier for the specified Elasticsearch domain.

The unique identifier for the specified Elasticsearch domain.
"setterDocumentation": "<p>The unique identifier for the specified Elasticsearch domain.</p>\n@param domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName": "setDomainId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,

"beanStyleGetterMethodName": "getDomainName",
"beanStyleSetterMethodName": "setDomainName",
"c2jName": "DomainName",
"c2jShape": "DomainName",
"defaultConsumerFluentSetterDocumentation": "<p>The name of an Elasticsearch domain. Domain names are
unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). This is a convenience that creates an instance of the \{ @link String#builder() \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #domainName(String) \}. @return Returns a reference to this object so that method calls can be chained together. @see #domainName(String)

"deprecated" : false,
"documentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). @return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). @return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). <br/>param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).<br/></p>

```
"setterMethodName" : "setDomainName",
"setterModel" : {

"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleSetterMethodName" : "setArn",
"beanStyleGetterMethodName" : "getArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information. <br/>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. 

When the { @link Consumer} completes, { @link
String.Builder#build()) is called immediately and its result is passed to {@link #arn(String)}.\n@param arn a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #arn(String),
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ARN",
"setterMethodName": "setArn",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "arn",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
}
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "arn",
  "variableType": "String",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getCreated",
"beanStyleSetterMethodName": "setCreated",
"c2jName": "Created",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"setterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
"setterMethodName" : "setCreated",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "created",
  "variableType" : "Boolean",
  "documentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getDeleted",
"beanStyleSetterMethodName" : "setDeleted",
"c2jName" : "Deleted",
"c2jShape" : "Boolean",
"defaultValueFluentSetterDocumentation" : "The domain deletion status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

This is a convenience that creates an instance of the {<link Boolean.Builder} avoiding the need to create one manually via {<link Boolean#builder}.

When the {<link Consumer} completes, {<link Boolean.Builder#build} is called immediately and its result is passed to {<link #deleted(Boolean)}.

@param deleted a consumer that will call methods on {<link Boolean.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #deleted(Boolean)
"deprecated" : false,
"documentation" : "The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "deleted",
"fluentSetterMethodName" : "deleted",
"getterDocumentation" : "The domain deletion status. \<code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. \<code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.\n\n@param deleted
The domain deletion status. \<code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. \<code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Deleted",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Deleted",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
"setterDocumentation" : "The domain deletion status. \<code>True</code> if a delete request has been
received for the domain but resource cleanup is still in progress. \texttt{False} if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

\texttt{deleted} - The domain deletion status. \texttt{True} if a delete request has been received for the domain but resource cleanup is still in progress. \texttt{False} if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

\texttt{setterMethodName} : "setDeleted",
\texttt{setterModel} : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "deleted",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

\texttt{simple} : true,
\texttt{timestampFormat} : null,
\texttt{variable} : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "deleted",
    "variableType" : "Boolean",
    "documentation" : "The domain deletion status. \texttt{True} if a delete request has been received for the domain but resource cleanup is still in progress. \texttt{False} if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned."
},

\texttt{defaultValue} : {
    "beanStyleGetterMethodName" : "getEndpoint",
    "beanStyleSetterMethodName" : "setEndpoint",
    "c2jName" : "Endpoint",
    "c2jShape" : "ServiceUrl",
    "defaultConsumerFluentSetterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.\nThis is a convenience that creates an instance of the {\texttt{String.Builder}} avoiding the need to create one manually via {\texttt{String#builder()}}.\nWhen the {\texttt{Consumer}} completes, \texttt{String.Builder#build()} is called immediately and its result is passed to \texttt{Endpoint(String)}.\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #endpoint(String)",
    "deprecated" : false,
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.\nThis is a convenience that creates an instance of the {\texttt{String.Builder}} avoiding the need to create one manually via {\texttt{String#builder()}}.\nWhen the {\texttt{Consumer}} completes, \texttt{String.Builder#build()} is called immediately and its result is passed to \texttt{Endpoint(String)}.\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #endpoint(String)"
},

\texttt{enumType} : null,
\texttt{eventHeader} : false,
\texttt{eventPayload} : false,
\texttt{fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "endpoint",
    "fluentSetterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.\nThis is a convenience that creates an instance of the {\texttt{String.Builder}} avoiding the need to create one manually via {\texttt{String#builder()}}.\nWhen the {\texttt{Consumer}} completes, \texttt{String.Builder#build()} is called immediately and its result is passed to \texttt{Endpoint(String)}.\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #endpoint(String)"}
requests.

@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@return The Elasticsearch domain endpoint that you use to submit index and search requests.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Endpoint",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Endpoint",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@return The Elasticsearch domain endpoint that you use to submit index and search requests.

"setterMethodname" : "setEndpoint",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "endpoint",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

  <p>This is a convenience that creates an instance of the Map&lt;String, String&gt;avoiding the need to create one manually via Map&lt;String, String&gt;#builder().
  When the Map&lt;String, String&gt;Builder#build() is called immediately and its result is passed to Map&lt;String, String&gt;.

  @param endpoints a consumer that will call methods on Map&lt;String, String&gt;. @return
  Returns a reference to this object so that method calls can be chained together.

  @see #endpoints(Map&lt;String, String&gt;)
  @deprecated
  "documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests."},
    "complexType" : "String",
    "variableSetterType" : "String",
    "xmlNameSpaceUri" : null,
  },
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests."},
    "complexType" : "String",
    "variableSetterType" : "String",
    "xmlNameSpaceUri" : null,
  },
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests."},
    "complexType" : "String",
    "variableSetterType" : "String",
    "xmlNameSpaceUri" : null,
  },
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example<br>
  &lt;code&gt;key, value&lt;/code&gt;: &lt;code&gt;'vpc','vpc-endpoint-h2dsd34efgyg hypertuk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>&gt;

  "getModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "endpoint",
    "variableType" : "String",
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests."},
    "complexType" : "String",
    "variableSetterType" : "String",
    "xmlNameSpaceUri" : null,
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Endpoints",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Endpoints",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
        "beanStyleGetterMethodName" : "getKey",
        "beanStyleSetterMethodName" : "setKey",
        "c2jName" : "key",
        "c2jShape" : "String",
        "defaultValue" : "String",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the \{\@link String.Builder\} avoiding the need to create one manually via \{\@link String.Builder\#builder()\}. When the \{\@link Consumer\} completes, \{\@link String.Builder#build()\} is called immediately and its result is passed to \{\@link #key(String)\}.\n\n@param key a consumer that will call methods on \{\@link String.Builder\}\n\n@see #key(String)\n"
    },
    "defaultValue" : "",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterMethodName" : null
}
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.
@return The value of the Key property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setKey",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {@link String#builder()}.\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)].\n\n@see #value(String)\n\n@deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value a consumer that will call methods on [@link String.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #value(String)\n\n@deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #value(String)"
},
"getterDocumentation" : "Returns the value of the Value property for this object.\n\n@return The value of the Value property for this object."
}
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@\n\n@param value\nThe new value for the Value property for this object.\"",
"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "\<p\>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example \<code\>key, value</code>: \<code\>\'vpc\',\'vpc-endpoint-h2dsd34efgyghr7gtugk5gt6j2foh4.us-east-1.es.amazonaws.com\'</code>.
\</p\>\n\n@\n\n@param endpoints\nMap containing the Elasticsearch domain endpoints
used to submit index and search requests. Example <code>key, value</code>:<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

```
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

```

"beanStyleGetterMethodName" : "getProcessing",
"beanStyleSetterMethodName" : "setProcessing",
"c2jName" : "Processing",
"c2jShape" : "Boolean",
"defaultValueFluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

This is a convenience that creates an instance of the [Boolean.Builder] avoiding the need to create one manually via [Boolean.Builder#builder()]. When the [BaseConsumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [processing(Boolean)].

When the [BaseConsumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [processing(Boolean)].

@see #processing(Boolean)",
"deprecated" : false,
"documentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

"if Amazon Elasticsearch Service is processing configuration changes. 

The status of the Elasticsearch domain configuration. 

if Amazon Elasticsearch Service is processing configuration changes. 

@see #processing(Boolean)",
"nameSpaceUri" : null,
"simpleType" : "Boolean",
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>:<code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

```

"beanStyleGetterMethodName" : "getProcessing",
"beanStyleSetterMethodName" : "setProcessing",
"c2jName" : "Processing",
"c2jShape" : "Boolean",
"defaultValueFluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

This is a convenience that creates an instance of the [Boolean.Builder] avoiding the need to create one manually via [Boolean.Builder#builder()]. When the [BaseConsumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [processing(Boolean)].

When the [BaseConsumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [processing(Boolean)].

@see #processing(Boolean)",
"deprecated" : false,
"documentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. 

The status of the Elasticsearch domain configuration. 

if Amazon Elasticsearch Service is processing configuration changes. 

The status of the Elasticsearch domain configuration. 

if Amazon Elasticsearch Service is processing configuration changes. 

@see #processing(Boolean)"}
Active.

@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "processing",
"getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.\n\n@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active."

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Processing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Processing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.\n\n@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active."

"setterMethodName" : "setProcessing",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "processing",
"variableType" : "Boolean",
"documentation" : null,
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Boolean",
"variableName": "processing",
"variableType": "Boolean",
"documentation": "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getUpgradeProcessing",
"beanStyleSetterMethodName": "setUpgradeProcessing",
"c2jName": "UpgradeProcessing",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"deprecated": false,
"documentation": "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "upgradeProcessing",
"fluentSetterDocumentation": "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"getterDocumentation": "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"getterModel": {
The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```
@Param upgradeProcessing The status of an Elasticsearch domain version upgrade. 

@param upgradeProcessing The status of an Elasticsearch domain version upgrade. 
```

```java
public class UpgradeProcessing {
    private boolean upgradeProcessing;

    public boolean isUpgradeProcessing() {
        return upgradeProcessing;
    }

    public void setUpgradeProcessing(boolean value) {
        this.upgradeProcessing = value;
    }
}
```
"documentation": "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",

"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getElasticsearchVersion",
"beanStyleSetterMethodName": "setElasticsearchVersion",
"c2jName": "ElasticsearchVersion",
"c2jShape": "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the ElasticsearchVersion property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchVersion(String)].

@see ElasticsearchVersion(String)
",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "elasticsearchVersion",
"fluentSetterDocumentation": "Sets the value of the ElasticsearchVersion property for this object.

@see ElasticsearchVersion(String)
",
"fluentSetterMethodName": "elasticsearchVersion",
"getterDocumentation": "Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchVersion(String)
",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ElasticsearchVersion",
}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.

@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object."

"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
  "c2jName" : "ElasticsearchClusterConfig",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "\nThe type and number of instances in the domain cluster.
\nThis is a convenience that creates an instance of the {\link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {\link ElasticsearchClusterConfig#builder()}.\n\nWhen the {\link Consumer} completes, {\link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {\link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.\n\n@param
elasticsearchClusterConfig a consumer that will call methods on {\link ElasticsearchClusterConfig.Builder}\n\n@returns
Returns a reference to this object so that method calls can be chained together.\n\n@see
#elasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchClusterConfig",
  "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
  \@param elasticsearchClusterConfig The type and number of instances in the domain cluster.
  \@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "elasticsearchClusterConfig",
  "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
  \@return The type and number of instances in the domain cluster.",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchClusterConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchClusterConfig",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "ElasticsearchClusterConfig",
  "setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
  \@param elasticsearchClusterConfig The type and number of instances in the domain cluster.",
  "setterMethodName" : "setElasticsearchClusterConfig",
  "setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p>The type and number of instances in the domain cluster.</p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.</p>\nThis is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via [@link EBSOptions#builder()].\nWhen the [@link Consumer] completes, [@link EBSOptions.Builder#build() is called immediately and its result is passed to [@link EBSOptions(EBSOptions)\n@param ebsOptions a consumer that will call methods on [@link EBSOptions.Builder]\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>The <code>EBSOptions</code> for the specified domain. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.</p>\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptions)",
"getEbsOptions" : false,
"setEbsOptions" : false,
information.
@returns Returns a reference to this object so that method calls can be chained together.

üßFluentSetterMethodName" : "ebsOptions",


"getterModel" : {
   "returnType" : "EBSOptions",
   "documentation" : null
  },
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "EBSOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "EBSOptions",
   "uri" : false
  },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",


"setterModel" : {
   "variableDeclarationType" : "EBSOptions",
   "variableName" : "ebsOptions",
   "variableType" : "EBSOptions"
"documentation": null,
"simpleType": "EBSOptions",
"variableSetterType": "EBSOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getAccessPolicies",
  "beanStyleSetterMethodName": "setAccessPolicies",
  "c2jName": "AccessPolicies",
  "c2jShape": "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation": "IAM access policy as a JSON-formatted string.\nThis is a convenience that creates an instance of the [\link String.Builder] avoiding the need to create one manually via [\link String.Builder#builder()].\nWhen the [\link Consumer] completes, [\link String.Builder#build()] is called immediately and its result is passed to [\link AccessPolicies#AccessPolicies(String)].\n\n@param accessPolicies a consumer that will call methods on [\link String.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #accessPolicies(String)",
  "deprecated": false,
  "documentation": "IAM access policy as a JSON-formatted string.\n\n@enumType: null,
\n@eventHeader: false,
\n@eventPayload: false,
\n@fluentEnumGetterMethodName: null,
\n@fluentEnumSetterMethodName: null,
\n@fluentGetterMethodName: "accessPolicies",
\n@fluentSetterDocumentation": "IAM access policy as a JSON-formatted string.\n\n@override\n\n@param accessPolicies IAM access policy as a JSON-formatted string.\n\n@return Returns a reference to this object so that method calls can be chained together."
},
{
  "getterDocumentation": "IAM access policy as a JSON-formatted string.\n\n@override\n\n@param accessPolicies IAM access policy as a JSON-formatted string.\n\n@return IAM access policy as a JSON-formatted string."
},
{
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
  }
}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "accessPolicies",
    "variableType" : "String",
    "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}

"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
This is a convenience that creates an instance of the { @link SnapshotOptions#builder() } avoiding the need to create one manually via { @link SnapshotOptions.Builder#build() }. When the { @link Consumer } completes, { @link SnapshotOptions.Builder#build() } is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptions) }.

When the { @link Consumer } completes, { @link SnapshotOptions.Builder#build() } is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptions) }.

@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param snapshotOptions a consumer that will call methods on { @link SnapshotOptions.Builder }
@return Returns a reference to this object so that method calls can be chained together.

Specifies the status of the <code>SnapshotOptions</code>.
@see #snapshotOptions(SnapshotOptions)",
"getterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@return Specifies the status of the <code>SnapshotOptions</code>",
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param snapshotOptions Specifies the status of the <code>SnapshotOptions</code>",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null,
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\</p>\nThis is a convenience that creates an instance of the [ VPCDerivedInfo.Builder ] avoiding the need to create one manually via VPCDerivedInfo.Builder(). When the [ Consumer ] completes, VPCDerivedInfo.Builder().build() is called immediately and its result is passed to VPCOptions a consumer that will call methods on VPCDerivedInfo.Builder().\n\n@deprecated Returns a reference to this object so that method calls can be chained together.\n@see #vpcOptions(VPCDerivedInfo)",
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\</p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>. @param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>. @return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>
@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>

"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@returns A reference to this object so that method calls can be chained together.
"setterMethodName" : "vpcOptions",
"setterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},
"type" : "SDK_POJO",
"uri" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"validationErrorTarget" : "VPCOptions"
VPC Endpoints for Amazon Elasticsearch Service Domains</p>

<p>The `VPCOptions` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

```java
setterMethodName" : "setVpcOptions",
setterModel" : {
"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfo",
"documentation" : null,
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfo",
"documentation" : null,
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null,
```

```
beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "The `CognitoOptions` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the `{@link CognitoOptions.Builder} avoiding the need to create one manually via `{@link CognitoOptions#builder()}. When the `{@link Consumer} completes, `{@link CognitoOptions.Builder#build()} is called immediately and its result is passed to `{@link CognitoOptions(CognitoOptions))}. param cognitoOptions a consumer that will call methods on `{@link CognitoOptions.Builder} @return Returns a reference to this object so that method calls can be chained together. see #cognitoOptions(CognitoOptions)",
"deprecated" : false,

```

```
enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.@param cognitoOptions The
<code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

- "setterMethodName": "setCognitoOptions",
- "setterModel": {
  "variableDeclarationType": "CognitoOptions",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptions",
  "documentation": null,
  "simpleType": "CognitoOptions",
  "variableSetterType": "CognitoOptions"
},
- "simple": false,
- "timestampFormat": null,
- "variable": {
  "variableDeclarationType": "CognitoOptions",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptions",
  "documentation": "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
  "simpleType": "CognitoOptions",
  "variableSetterType": "CognitoOptions"
},
- "xmlNameSpaceUri": null
},
- "beanStyleGetterMethodName": "getEncryptionAtRestOptions",
- "beanStyleSetterMethodName": "setEncryptionAtRestOptions",
- "c2jName": "EncryptionAtRestOptions",
- "c2jShape": "EncryptionAtRestOptions",
- "defaultConsumerFluentSetterDocumentation": "Specifies the status of the <code>EncryptionAtRestOptions</code>. This is a convenience that creates an instance of the <code>EncryptionAtRestOptions.Builder</code> avoiding the need to create one manually via the <code>EncryptionAtRestOptions#builder()</code>. When the <code>EncryptionAtRestOptions.Builder#build()</code> is called immediately and its result is passed to the <code>EncryptionAtRestOptions(EncryptionAtRestOptions)</code> a consumer that will call methods on the <code>EncryptionAtRestOptions.Builder</code> returns a reference to this object so that method calls can be chained together. See #encryptionAtRestOptions(EncryptionAtRestOptions)",
- "deprecated": false,
- "documentation": "Specifies the status of the <code>EncryptionAtRestOptions</code>.",
- "enumType": null,
- "eventHeader": false,
- "eventPayload": false,
- "fluentEnumGetterMethodName": null,
- "fluentEnumSetterMethodName": null,
- "fluentGetterMethodName": "encryptionAtRestOptions",
- "fluentSetterDocumentation": "Specifies the status of the <code>EncryptionAtRestOptions</code>."
<code>EncryptionAtRestOptions</code>.<p>
@return Returns a reference to this object so that method calls can be chained together.
</p>

"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "&lt;p&gt; Specifies the status of the
<code>EncryptionAtRestOptions</code>.&lt;/p&gt;&lt;/p&gt;
@return Specifies the status of the
<code>EncryptionAtRestOptions</code>. &lt;/p&gt;

"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "&lt;p&gt; Specifies the status of the
<code>EncryptionAtRestOptions</code>.&lt;/p&gt;
@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>. &lt;/p&gt;

"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : null,
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>. This is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. When the { @link Consumer} completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. A consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder} returns a reference to this object so that method calls can be chained together.\n\n@return Returns a reference\n\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.\n\n@param nodeToNodeEncryptionOptions\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)\n\n@deprecated\n\n@see #nodeToNodeEncryptionOptions",
  "getterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.\n\n@see #nodeToNodeEncryptionOptions",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
@param nodeToNodeEncryptionOptions Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
</p>",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",}
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>

This is a convenience that creates an instance of the <code>Map<String,String>.Builder</code> avoiding the need to create one manually via <code>Map<String,String>#builder()</code>. When the <code>Consumer</code> completes, <code>Map<String,String>.Builder#build()</code> is called immediately and its result is passed to <code>Map<String,String>.Builder#advancedOptions(Map<String,String>)</code>. Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

"getterModel" : {
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.\n\n@param key a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "key",
    "fluentSetterDocumentation": "Sets the value of the Key property for this object.\n\nThe new value for the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "key",
    "getterDocumentation": "Returns the value of the Key property for this object.\n\n@return The value of the Key property for this object."
  },
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "key",
  "queryString": false,
  "statusCode": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.\n\n@param key a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "key",
    "fluentSetterDocumentation": "Sets the value of the Key property for this object.\n\nThe new value for the Key property for this object.\n@\nreturn Returns a reference to this object so that method calls can be chained together."
  },
  "getterDocumentation": "Returns the value of the Key property for this object.\n\n@return The value of the Key property for this object."
  },
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "key",
  "queryString": false,
  "statusCode": false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {\link String.Builder} avoiding the need to create one manually via {\link String#builder()}.\n\nWhen the {\link Consumer} completes, {\link String.Builder#build()} is called immediately and its result is passed to {\link #value(String)}.\n\n@param value a consumer that will call methods on {\link String.Builder}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #value(String)",
  "deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@return The value of the Value property for this object.",
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
}
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String,String>"
},
"marshallingType": "MAP",
"name": "AdvancedOptions",
"setterDocumentation": "<p>Specifies the status of the <code>AdvancedOptions</code><br/>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>
"setterMethodName": "setAdvancedOptions",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": "<p>Specifies the status of the <code>AdvancedOptions</code><br/>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>
"variableSetterType": "java.util.Map<String,String>"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName": "setLogPublishingOptionsWithStrings",
"c2jName": "LogPublishingOptions"
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder } avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder() }. When the { @link Consumer } completes, { @link Map<String,LogPublishingOption>.Builder#build() } is called immediately and its result is passed to { @link LogPublishingOptionsAsStringsWithStrings(Map<String,LogPublishingOption>) }.

@returns { @link LogPublishingOptions } a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder }
@returns { @link LogPublishingOptions } a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder }

@returns Returns a reference to this object so that method calls can be chained together.

@see { @link LogPublishingOptionsAsStringsWithStrings(Map<String,LogPublishingOption>()) }

"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.
@return Returns a reference to this object so that method calls can be chained together.

@see { @link LogPublishingOptionsAsStringsWithStrings(Map<String,LogPublishingOption>()) }

"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Log publishing options for the given domain.

@getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #keyAsString(String) \}. The new value for the Key property for this object, \@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n@see LogType\n@return Returns a reference to this object so that method calls can be chained together.\@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\nIf the service returns an enum value that is not available in the current SDK version, \{ @link #key \} will return \{ @link LogType#UNKNOWN_TO_SDK_VERSION \}. The raw value returned by the service is available from \{ @link #keyAsString \}.\n@see LogType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "key",
    }
  }
}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create one manually via {@link LogPublishingOption.Builder#builder()}. When the {@link Consumer} completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link #value(LogPublishingOption)}."

@param value a consumer that will call methods on

@see LogType"
LogPublishingOption.Builder}
@returns a reference to this object so that method calls can be chained together.
@see #value(LogPublishingOption)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@returns The value of the Value property for this object.

"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@returns The new value for the Value property for this object.

"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
This is a convenience that creates an instance of the [ @link ServiceSoftwareOptions.Builder ]
avoiding the need to create one manually via [ @link ServiceSoftwareOptions#builder() ].
When the [ @link Consumer ] completes, [ @link ServiceSoftwareOptions.Builder#build() ] is called immediately and its result is
passed to [ @link ServiceSoftwareOptionsServiceSoftwareOptions] .
@returns parameter serviceSoftwareOptions a consumer that will call methods on [ @link ServiceSoftwareOptions.Builder ]

@returns Returns a reference to this object so that method calls can be chained together.

@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
"eventType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.
@returns Returns a reference to this object so that method calls can be chained together.

@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@return The current status of the Elasticsearch domain's service software.

@returns The current status of the Elasticsearch domain's service software.

"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "The current status of the Elasticsearch domain's service software.\n\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.\n\n@methodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "The current status of the Elasticsearch domain's service software.
\n@methodName"
},
"xmlNameSpaceUri" : null
]
],
"membersAsMap" : {
"ARN" : {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #arn(String)\}.\n\n@param arn a consumer that will call methods on \{@link String.Builder\}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #arn(String)",
  "deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.</p>\n@parameter \n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.\n",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AccessPolicies" : {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.\n</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}.\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}.\n"@param accessPolicies a consumer that will call methods on { @link String.Builder}\n"@return Returns a reference to this object so that method calls can be chained together.\n"@see #accessPolicies(String)",
  "deprecated" : false,
  "documentation" : "<p> IAM access policy as a JSON-formatted string.\n</p>",
  "enumType" : null,
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.
</p>

"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.
</p>

"getterModel" : [
  "returnType" : "String",
  "documentation" : null
],

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "AccessPolicies",

"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.
</p>

"setterMethodName" : "setAccessPolicies",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String"}
"variableSetterType" : "String",
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "accessPolicies",
 "variableType" : "String",
 "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : {
 "beanStyleGetterMethodName" : "getAdvancedOptions",
 "beanStyleSetterMethodName" : "setAdvancedOptions",
 "c2jName" : "AdvancedOptions",
 "c2jShape" : "AdvancedOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>
This is a convenience that creates an instance of the { @link
Map<String, String>.Builder} avoiding the need to create one manually via { @link
Map<String, String>.Builder#builder()}.
When the { @link Consumer} completes, { @link
Map<String, String>.Builder#build()} is called immediately and its result is passed to { @link
#advancedOptions(Map<String, String>)},
@param advancedOptions a consumer that will call methods on { @link
Map<String, String>.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #advancedOptions(Map<String, String>)",
 "deprecated" : false,
 "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "advancedOptions",
 "fluentSetterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code>
@return Returns a reference to this object so that method calls can be chained together.
@see #advancedOptions(Map<String, String>)",
 "getterDocumentation" : "<p>Specifies the status of the
<code>AdvancedOptions</code></p>
Attempts to modify the collection returned by this method will result
in an UnsupportedOperation exception.
@param advancedOptions Specifies the status of the
<code>AdvancedOptions</code>
@return Specifies the status of the
<code>AdvancedOptions</code>.
"getterModel" : {"returnType" : "java.util.Map<String, String>" ,
 "documentation" : null}
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "AdvancedOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "AdvancedOptions",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"j hva l d e v a l" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
   "implType" : "java.util.HashMap",
   "interfaceType" : "java.util.Map",
   "keyLocationName" : "key",
   "keyModel" : {
      "c2jName" : "key",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. @param key a consumer that will call methods on
{ @link String.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #key(String)",
   "deprecated" : false,
   "documentation" : "",
   "eventType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : "getKey",
   "fluentEnumSetterMethodName" : "setKey",
   "c2jName" : "key",
   "c2jShape" : "String",
   "fluentGetterMethodName" : "key",
   "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. @param key a consumer that will call methods on
{ @link String.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #key(String)",
   "deprecated" : false,
   "documentation" : "",
   "eventType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : "getKey",
   "fluentEnumSetterMethodName" : "setKey",
   "c2jName" : "key",
   "c2jShape" : "String",
   "fluentGetterMethodName" : "key",
   "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #key(String)}. @param key a consumer that will call methods on
{ @link String.Builder}@return Returns a reference to this object so that method calls can be chained
together.".
}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@\param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>

@\param advancedOptions Specifies the status of the <code>AdvancedOptions</code>

@\param advancedOptions specifies the status of the <code>AdvancedOptions</code>.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"}
"variableType" : "java.util.Map<String,String>",
"documentation" : null,
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>",
"simple" : false,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
  "xmlNameSpaceUri" : null,
}

"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>\nThis is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. \nWhen the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link CognitoOptions.Builder\n}@\n@returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p> \n@returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptions)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>\n@returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
"variableDeclarationType" : "CognitoOptions",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptions",
"documentation" : null,
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) for more information about Cognito authentication in Kibana.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"Created" : {
  "beanStyleGetterMethodName" : "getCreated",
  "beanStyleSetterMethodName" : "setCreated",
  "c2jName" : "Created",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}.  
@see #created(Boolean)

@deprecated
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "created",
  "fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #created(Boolean)
  "deprecated" : false,
  "documentation" : 

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"getterModel": {
  "returnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Created",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Created",
  "uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Created",
"setterDocumentation": "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@param created
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress."
,"setterMethodName": "setCreated",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "created",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "created",
  "variableType": "Boolean",
  "documentation": null,
  "simple": true,
"documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>",

  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},

"xmlnsNamespaceUri" : null
},

"Deleted" : {
  "beanStyleGetterMethodName" : "getDeleted",
  "beanStyleSetterMethodName" : "setDeleted",
  "c2jName" : "Deleted",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n
This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.\n\nThe { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link Boolean#deleted(Boolean)}.\n\n@see #deleted(Boolean)",

  "deprecated" : false,

  "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",

  "enumType" : null,

  "eventHeader" : false,

  "eventPayload" : false,

  "fluentEnumGetterMethodName" : null,

  "fluentEnumSetterMethodName" : null,

  "fluentGetterMethodName" : "deleted",

  "fluentSetterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>\n\n@see #deleted(Boolean)",

  "getterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>",

  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  }
}
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Deleted",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Deleted",
  "uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
"setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.\n</p>\n\n@param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.\n",
"setterMethodName" : "setDeleted",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,}
Once domain deletion is complete, the status of the domain is no longer returned.

```java
DomainId : {
    "beanStyleGetterMethodName" : "getDomainId",
    "beanStyleSetterMethodName" : "setDomainId",
    "c2jName" : "DomainId",
    "c2jShape" : "DomainId",
    "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainId(String)].
@returns a consumer that will call methods on [@link String.Builder] so that method calls can be chained together."
return
@see #domainId(String)
}
```

"unmarshallLocationName" : "DomainId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainId",
"setterDocumentation" : "&lt;p&gt;The unique identifier for the specified Elasticsearch domain.&lt;/p&gt;
@param domainId The unique identifier for the specified Elasticsearch domain. ",
"setterMethodName" : "setDomainId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainId",
"variableType" : "String",
"documentation" : "&lt;p&gt;The unique identifier for the specified Elasticsearch domain.&lt;/p&gt;",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).&lt;/p&gt;
\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #domainName(String) \}.\n\n@uml
@param domainName a consumer that will call methods on \{ @link String.Builder \}\n\n@uml
@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)\n"
"deprecated": false,
"documentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainName",
"fluentSetterDocumentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "domainName",
"getterDocumentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@return The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).
",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"EBSOptions": {
  "beanStyleGetterMethodName": "getEbsOptions",
  "beanStyleSetterMethodName": "setEbsOptions",
  "c2jName": "EBSOptions",
  "c2jShape": "EBSOptions",

This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}. When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to the consumer that will call methods on the {@link EBSOptions.Builder#build()} method. The result of the call is returned. See the documentation of the EBSOptions method for more details.
",
  "deprecated": false,

This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}. When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to the consumer that will call methods on the {@link EBSOptions.Builder#build()} method. The result of the call is returned. See the documentation of the EBSOptions method for more details.
"
Configuring EBS-based Storage

The `EBSOptions` for the specified domain. See [Configuring EBS-based Storage](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs) for more information.

```javascript
@param ebsOptions The `EBSOptions` for the specified domain. See [Configuring EBS-based Storage](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs) for more information.

@returns {EBSOptions} Returns a reference to this object so that method calls can be chained together.
```
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EBSOptions",
@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.",
"setterMethodName": "setEbsOptions",
"setterModel": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "documentation": null,
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"xmlNameSpaceUri": null
},
"ElasticsearchClusterConfig": {
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation": "<p>The type and number of instances in the domain cluster.</p>

This is a convenience that creates an instance of the {@link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfig.Builder#builder()}.\n
When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.{\n
@param elasticsearchClusterConfig)a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}\n
@see ElasticsearchClusterConfig(ElasticsearchClusterConfig)
"deprecated": false,
"documentation": "<p>The type and number of instances in the domain cluster.</p>",
"enumType": null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p><p>@param elasticsearchClusterConfig The type and number of instances in the domain cluster.</p><p>@return Returns a reference to this object so that method calls can be chained together.</p>.
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p><p>@return The type and number of instances in the domain cluster.</p>.
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p><p>@param elasticsearchClusterConfig The type and number of instances in the domain cluster.</p>.
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p>The type and number of instances in the domain cluster.</p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #elasticsearchVersion(String)].
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ElasticsearchVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchVersion",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ElasticsearchVersion",
"setterDocumentation": "Sets the value of the ElasticsearchVersion property for this object.\n\n@param
elasticsearchVersion The new value for the ElasticsearchVersion property for this object."
,"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"EncryptionAtRestOptions": {
  "beanStyleGetterMethodName": "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName": "setEncryptionAtRestOptions",
}
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
This is a convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder}.
When the { @link Consumer} completes, { @link EncryptionAtRestOptions.Builder#build} is called immediately and its result is passed to { @link #encryptionAtRestOptions(EncryptionAtRestOptions)}.
@param encryptionAtRestOptions a consumer that will call methods on { @link EncryptionAtRestOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
@return Specifies the status of the
<code>EncryptionAtRestOptions</code>
",
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "Specifies the status of the<br><code>EncryptionAtRestOptions</code>.
@param encryptionAtRestOptions Specifies the status of the<br><code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : null,
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "encryptionAtRestOptions",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "Specifies the status of the <code>EncryptionAtRestOptions</code>.
@param encryptionAtRestOptions Specifies the status of the<br><code>EncryptionAtRestOptions</code>.",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNamespaceUri" : null
},
"Endpoint" : {
    "beanStyleGetterMethodName" : "getEndpoint",
    "beanStyleSetterMethodName" : "setEndpoint",
    "c2jName" : "Endpoint",
    "c2jShape" : "ServiceUrl",
    "defaultConsumerFluentSetterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.
This is a convenience that creates an instance of the <link String.Builder> avoiding the need to create one manually via <link String#builder()>. When the <link Consumer> completes, <link String.Builder#build()> is called immediately and its result is passed to <link #endpoint(String)>. Returns a reference to this object so that method calls can be chained together.<link #endpoint(String)>."
    "deprecated" : false,
    "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.
This is a convenience that creates an instance of the <link String.Builder> avoiding the need to create one manually via <link String#builder()>. When the <link Consumer> completes, <link String.Builder#build()> is called immediately and its result is passed to <link #endpoint(String)>. Returns a reference to this object so that method calls can be chained together.<link #endpoint(String)>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "endpoint",
"fluentSetterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "endpoint",
"getterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Endpoint",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Endpoint",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Endpoint",
"setterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",
"setterMethodName": "setEndpoint",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "endpoint",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String"}
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "endpoint",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
"simpleType" : "String",
"variableSetterType" : "String",
}
},
"xmlNameSpaceUri" : null,
},
"Endpoints" : {
"beanStyleGetterMethodName" : "getEndpoints",
"beanStyleSetterMethodName" : "setEndpoints",
"c2jName" : "Endpoints",
"c2jShape" : "EndpointsMap",
"defaultValueFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>
This is a convenience that creates an instance of the { @link Map&lt;String, String&gt; } avoiding the need to create one manually via { @link Map&lt;String, String&gt;#builder() }. When the { @link Consumer } completes, { @link Map&lt;String, String&gt;#builder() } is called immediately and its result is passed to { @link #endpoints(Map&lt;String, String&gt;)}. @param endpoints a consumer that will call methods on { @link Map&lt;String, String&gt; }. @return Returns a reference to this object so that method calls can be chained together.
@see #endpoints(Map&lt;String, String&gt;)",
"deprecated" : false,
"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoints",
"fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>
"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>
"returns" : false,
"xmlNameSpaceUri" : null,
},
"fluentSetterMethodName" : "endpoints",
"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>
"returns" : false,
"xmlNameSpaceUri" : null,
},
"fluentSetterMethodName" : "endpoints",
"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>
"returns" : false,
"xmlNameSpaceUri" : null,
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example:

```
key, value
vpc,'vpc-endpoint-h2dsd34efgyghrtguk5gtj62j6484.us-east-1.es.amazonaws.com'
```


"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "key",
"fluentSetterDocumentation": "Sets the value of the Key property for this object.

@descr The new value for the Key property for this object.
@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "key",
"getterDocumentation": "Returns the value of the Key property for this object.

@returns The value of the Key property for this object.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@descr The new value for the Key property for this object.
@returns Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setKey",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclaratorType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "ServiceUrl",
"defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String#builder()}]. When the [{@link Consumer}] completes, [{@link String.Builder#build()}] is called immediately and its result is passed to [{@link #value(String)}].

@param value a consumer that will call methods on [{@link String.Builder}]
@return Returns a reference to this object so that method calls can be chained together.
@see #value(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object.

@returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@returns The value of the Value property for this object."
,"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
"marshallingType": "MAP",
"name": "Endpoints",
"setterDocumentation": "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>"vpc","vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com""></code>.</p>
@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>"vpc","vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com"</code>.
"setterMethodName": "setEndpoints",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "endpoints",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>
",
  "simple": false,
  "timestampFormat": null,
  "variable": {
    "variableDeclarationType": "java.util.Map<String,String>",
    "variableName": "endpoints",
    "variableType": "java.util.Map<String,String>",
    "documentation": "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>"vpc","vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com"</code>.</p>
    "simple": false,
    "timestampFormat": null,
    "variable": {
      "variableDeclarationType": "java.util.Map<String,String>",
      "variableName": "endpoints",
      "variableType": "java.util.Map<String,String>",
      "documentation": "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>"vpc","vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com"</code>.</p>
    },
    "xmlNameSpaceUri": null
  },
  "LogPublishingOptions": {
    "beanStyleGetterMethodName": "getLogPublishingOptionsAsStrings",
    "beanStyleSetterMethodName": "setLogPublishingOptionsWithStrings",
    "c2jName": "LogPublishingOptions",
    "c2jShape": "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation": "<p>Log publishing options for the given domain.</p>
    This is a convenience that creates an instance of the {@link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via {@link Map<String,LogPublishingOption>#builder()}.\n\nWhen the {@link Consumer} completes, {@link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to {@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.
\n\n@deprecated\n\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "documentation": "<p>Log publishing options for the given domain.</p>
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return Log publishing options for the given domain."

"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object."
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#build()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called

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immediately and its result is passed to {@link #keyAsString(String)}.<br/>@param key a consumer that will call methods on {@link String.Builder}<br/>@return Returns a reference to this object so that method calls can be chained together.<br/>@see #key(String),

"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.<br/>
@param key The new value for the Key property for this object.<br/>
@see LogType<br/>
@return Returns a reference to this object so that method calls can be chained together.<br/>@see LogType",

"fluentSetterMethodName" : "key",

"getterDocumentation" : "Returns the value of the Key property for this object.<br/>
If the service returns an enum value that is not available in the current SDK version, {@link #key} will return {@link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #keyAsString}.<br/>
@return The value of the Key property for this object.<br/>@see LogType",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation": "Sets the value of the Key property for this object.
@\n\n@\nparam key The new value for the Key property for this object.
@\nsee LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.
This is a convenience that creates an instance of the { LogPublishingOption.Builder } avoiding the need to create one manually via { LogPublishingOption.Builder#builder() }.
When the { Consumer } completes, { LogPublishingOption.Builder#build() } is called immediately and its result is passed to { LogPublishingOption#value(LogPublishingOption) }.
@\n\n@\nparam value a consumer that will call methods on { LogPublishingOption.builder() }.
@\n\n@\nreturn Returns a reference to this object so that method calls can be chained together.
@\n\n@\nsee #value(LogPublishingOption)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "value",
  "fluentSetterDocumentation": "Sets the value of the Value property for this object.
The new value for the Value property for this object.
@\n\n@\nreturn Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "value",
"
"getterDocumentation": "Returns the value of the Value property for this object.\n\n@return The value of the Value property for this object.\n",
"getterModel": {
  "returnType": "LogPublishingOption",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallingLocation": "PAYLOAD",
  "marshallLocationName": "value",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "value",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.\n
@param value The new value for the Value property for this object.\n",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "LogPublishingOption",
  "variableName": "value",
  "variableType": "LogPublishingOption",
  "documentation": null,
  "simpleType": "LogPublishingOption",
  "variableSetterType": "LogPublishingOption"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "LogPublishingOption",
  "variableName": "value",
  "variableType": "LogPublishingOption"}
Log publishing options for the given domain.

@logPublishingOptions Log publishing options for the given domain.

@setterMethodName "setLogPublishingOptionsWithStrings"

setterModel:

variableDeclarationType: "java.util.Map<String,LogPublishingOption>",
variableName: "logPublishingOptions",
variableType: "java.util.Map<String,LogPublishingOption>",
documentation: null,
simpleType: "Map<String,LogPublishingOption>",
variableSetterType: "java.util.Map<String,LogPublishingOption>"

simple: false,
timestampFormat: null,
variable:

variableDeclarationType: "java.util.Map<String,LogPublishingOption>",
variableName: "logPublishingOptions",
variableType: "java.util.Map<String,LogPublishingOption>",
documentation: "<p>Log publishing options for the given domain.</p>

variableSetterType: "java.util.Map<String,LogPublishingOption>"

NodeToNodeEncryptionOptions:

beanStyleGetterMethodName: "getNodeToNodeEncryptionOptions",
beanStyleSetterMethodName: "setNodeToNodeEncryptionOptions",
c2jName: "NodeToNodeEncryptionOptions",
c2jShape: "NodeToNodeEncryptionOptions",
defaultConsumerFluentSetterDocumentation: "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code></p>

This is a convenience that creates an instance of the {
link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {
link NodeToNodeEncryptionOptions.Builder#builder()}. When the {
link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {
link NodeToNodeEncryptionOptions#builder} a consumer that will call methods on {
link NodeToNodeEncryptionOptions.Builder} a reference to this object so that method calls can be chained together. Returns a reference to this object so that method calls can be chained together.

@see NodeToNodeEncryptionOptions
"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
@return Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
@return Returns a reference to this object so that method calls can be chained together.
"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},
?idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.
@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
"Processing" : {
    "beanStyleGetterMethodName" : "getProcessing",
    "beanStyleSetterMethodName" : "setProcessing",
    "c2jName" : "Processing",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "The status of the Elasticsearch domain configuration.
<code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.<p>This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #processing(Boolean)}.<br>@param processing a consumer that will call methods on { @link Boolean.Builder}<br>@return Returns a reference to this object so that method calls can be chained together.<br>@see #processing(Boolean)
"deprecated" : false,
"documentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.<p>,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "processing",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.<p>@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.<br>@return Returns a reference to this object so that method calls can be chained together."}
"fluentSetterMethodName" : "processing",
"getterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active. 

@returns The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.
",
"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Processing",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Processing",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@returns The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.
",
"setterMethodName" : "setProcessing",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "processing",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
}.
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"ServiceSoftwareOptions" : {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\nThis is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}.\n\nWhen the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link ServiceSoftwareOptionsServiceSoftwareOptions} a consumer that will call methods on {@link ServiceSoftwareOptions.Builder}\n\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
The current status of the Elasticsearch domain's service software.

```java
public class ServiceSoftwareOptions {
    // Fields and methods...
}
```

```java
public class SnapshotOptions {
    // Fields and methods...
}
```
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
This is a convenience that creates an instance of the {@link
SnapshotOptions.Builder} avoiding the need to create one manually via {@link
SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link
SnapshotOptions.Builder#build()} is called immediately and its result is passed to
{@link #snapshotOptions(SnapshotOptions)}.

When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to
{@link #snapshotOptions(SnapshotOptions)}.

@deprecated
@see #snapshotOptions(SnapshotOptions)"

"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param snapshotOptions a consumer that will call methods on
@link SnapshotOptions.Builder
@return Returns a reference to this object so that method calls can be chained
together.
@see #snapshotOptions(SnapshotOptions)"

"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param snapshotOptions Specifies the status of the <code>SnapshotOptions</code>.
"setterMethodName": "setSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions",
  "xmlNameSpaceUri": null
},
"UpgradeProcessing": {
  "beanStyleGetterMethodName": "getUpgradeProcessing",
  "beanStyleSetterMethodName": "setUpgradeProcessing",
  "c2jName": "UpgradeProcessing",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</code><p>
  @param upgradeProcessing a consumer that will call methods on {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder#builder()}.
  When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {<code>#upgradeProcessing(Boolean)</code>.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #upgradeProcessing(Boolean)
  "deprecated": false,
  "documentation": "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "upgradeProcessing",
"fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeProcessing",
"getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeProcessing",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeProcessing",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean"}
The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

The <code>VPCOptions</code> for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)

This is a convenience that creates an instance of the VPCDerivedInfo.Builder avoiding the need to create one manually via VPCDerivedInfo.Builder(). When the Consumer completes, VPCDerivedInfo.Builder#build() is called immediately and its result is passed to the method calls can be chained together.

Returns a reference to this object so that method calls can be chained together.

VPC Endpoints for Amazon Elasticsearch Service Domains

For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)

@see #vpcOptions(VPCDerivedInfo)

@deprecated

The <code>VPCOptions</code> for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)

VPC Endpoints for Amazon Elasticsearch Service Domains

For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)
return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName": "vpcOptions",
"getterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

"getterModel": {
    "returnType": "VPCDerivedInfo",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "VPCOptions",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "VPCOptions",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "VPCOptions",
"setterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

"setterMethodName": "setVpcOptions",
"setterModel": {
    "variableDeclarationType": "VPCDerivedInfo",
"variableName" : "vpcOptions",
"variableType" : "VPCDerivedInfo",
"documentation" : null,
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see
  <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getDomainId",
    "beanStyleSetterMethodName" : "setDomainId",
    "c2jName" : "DomainId",
    "c2jShape" : "DomainId",
    "defaultValueFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String.Builder()</code>. When the <code>Consumer</code> completes, <code>String.Builder#build()</code> is called immediately and its result is passed to <code>domainId(String)</code>. A consumer that will call methods on <code>String.Builder</code> returns a reference to this object so that method calls can be chained together.

  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>"
},
"returnModel" : {
  "returnType" : "String",
  "parameterName" : "domainId",
  "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>"
},
"getterModel" : {
  "getterParameterName" : "domainId",
  "getterReturnModel" : {
    "getterReturnType" : "String",
  },
  "getterMethodName" : "domainId"
}
"documentation": null,
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "DomainId",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainId",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainId",
"setterDocumentation": "\n<p>The unique identifier for the specified Elasticsearch domain.</p>\n\n@param

@domainId The unique identifier for the specified Elasticsearch domain."
,"setterMethodName": "setDomainId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": "\n<p>The unique identifier for the specified Elasticsearch domain.</p>\n\n"simpleType": "String",
  "variableSetterType": "String"
},
"
The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

This is a convenience that creates an instance of the {@[link String.Builder]} avoiding the need to create one manually via {@[link String#builder()]}.

When the {@[link Consumer]} completes, {@[link String.Builder#build()]} is called immediately and its result is passed to {@[link #domainName(String)]}. When @param domainName a consumer that will call methods on {@[link String.Builder]} @return Returns a reference to this object so that method calls can be chained together. @see #domainName(String)

- deprecated": false,
- documentation": "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."
- enumType": null,
- eventHeader": false,
- eventPayload": false,
- fluentEnumGetMethod" : null,
- fluentEnumSetterMethod" : null,
- fluentGetMethod" : "domainName",
- fluentSetterDocumentation": "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n\n@returns Returns a reference to this object so that method calls can be chained together."
- fluentSetterMethod" : "domainName",
- getterDocumentation": "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).\n\n@returns Returns the name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."
- getterMethod" : { "returnType" : "String",
- documentation": null },
- http": { "additionalMarshallingPath" : null,
- additionalUnmarshallingPath" : null,
- flattened": false,
- greedy": false,
- header" : false,
- isPayload": false,
- isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).<p>

@param domainName The name of an
Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region.
Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
(hyphen)."",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getArn",
"beanStyleSetterMethodName": "setArn"
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for more information.&lt;/p&gt;\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #arn(String)}\n@<p>
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterMethodName" : "arn",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
", "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getCreated",
"beanStyleSetterMethodName" : "setCreated",
"c2jName" : "Created",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>
This is a convenience that creates an instance of the @link Boolean.Builder avoiding the need to create one manually via @link Boolean.Builder(). When the @link Consumer completes, @link Boolean.Builder#build() is called immediately and its result is passed to @link created(Boolean). @param created a consumer that will call methods on @link Boolean.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #created(Boolean)",
"deprecated" : false,
"documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "created",
"fluentSetterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>
@return The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>\n@return Returns a reference to this object so that method calls can be chained together.\n@see #created(Boolean)",
"fluentSetterMethodName" : "created",
"getterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>
@return The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.\n@return Returns a reference to this object so that method calls can be chained together."
getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Created",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Created"
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.

The domain deletion status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
so that method calls can be chained together.

@see #deleted

```java
public boolean deleted;
```

- `deleted` (Boolean)

```java
public boolean getDeleted();
```

- `getDeleted` (Returns a reference to this object so that method calls can be chained together.)

```java
public boolean setDeleted(Boolean value);
```

- `setDeleted` (The domain deletion status. True if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.)
The domain deletion status.  

If a delete request has been received for the domain but resource cleanup is still in progress, the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

The domain deletion status.  

If a delete request has been received for the domain but resource cleanup is still in progress, the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

The Elasticsearch domain endpoint that you use to submit index and search requests.

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String.Builder`. Return a reference to this object so that method calls can be chained together.
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "endpoint",
"fluentSetterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.\n",
"fluentSetterMethodName": "endpoint",
"getterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.\n@return The Elasticsearch domain endpoint that you use to submit index and search requests.\n",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Endpoint",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Endpoint",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Endpoint",
"setterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.\n@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.\n",
"setterMethodName": "setEndpoint",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "endpoint",
}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
  
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEndpoints",
"beanStyleSetterMethodName" : "setEndpoints",
"c2jName" : "Endpoints",
"c2jShape" : "EndpointsMap",
"defaultValueConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>

This is a convenience that creates an instance of the { @link Map&lt;String,String&gt;.Builder} avoiding the need to create one manually via {@link Map&lt;String,String&gt;#builder()}.

When the { @link Consumer} completes, { @link Map&lt;String,String&gt;.Builder#build()} is called immediately and its result is passed to { @link Map&lt;String,String&gt;#endpoints(Map&lt;String,String&gt;)}.

@see #endpoints(Map&lt;String,String&gt;)

@deprecated false,

"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoints",
"fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>

@see #endpoints(Map&lt;String,String&gt;)

@deprecated false,

"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>

@see #endpoints(Map&lt;String,String&gt;)

@deprecated false,

"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>

@see #endpoints(Map&lt;String,String&gt;)

@deprecated false,
Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example:

```java
Map<String, String> endpoints = Map.of(
    "vpc", "vpc-endpoint-h2dsd3efgyghrtguk5gt6j2fob4.us-east-1.es.amazonaws.com"
); // return
```
"documentation": "", "enumType": null, "eventHeader": false, "eventPayload": false, "fluentEnumGetterMethodName": null, "fluentEnumSetterMethodName": null, "fluentGetterMethodName": "key", "fluentSetterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.", "fluentSetterMethodName": "key", "getterDocumentation": "Returns the value of the Key property for this object.

@return The value of the Key property for this object.", "getterModel": {
"returnType": "String",
"documentation": null
}, "http": {
"additionalMarshallingPath": null, "additionalUnmarshallingPath": null, "flattened": false, "greedy": false, "header": false, "isPayload": false, "isStreaming": false, "location": null, "marshallLocation": "PAYLOAD", "marshallLocationName": "key", "queryString": false, "statusCode": false, "unmarshallLocationName": "key", "uri": false
}, "idempotencyToken": false, "isBinary": false, "jsonValue": false, "list": false, "listModel": null, "map": false, "mapModel": null, "marshallingType": "STRING", "name": "Key", "setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.", "setterMethodName": "setKey", "setterModel": {
"variableDeclarationType": "String",
"variableName": "key"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"

"xmlNameSpaceUri" : null

"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #value(String). @param value a consumer that will call methods on String.Builder@return Returns a reference to this object so that method calls can be chained together.@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object. @param value The value of the Value property for this object.@return Returns a reference to this object so that method calls can be chained together."

  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.@return The value of the Value property for this object.

  "getterModel" : {
    "returnType" : "String",
    "documentation" : null

  }

  "http" : {

"Open Source Used In Data Center Network Manager 11.5(1) 21365"
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>"
"templateType" : "java.util.Map<String,String>" 

"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>
@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
"setterMethodName" : "setEndpoints",
"setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "endpoints",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "endpoints",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.",
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getProcessing",
"beanStyleSetterMethodName" : "setProcessing",
"c2jName" : "Processing",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>
This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder#build()}.

When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #processing(Boolean)}.<p>@param processing a consumer that will call methods on { @link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.<p>@see #processing(Boolean)",
"deprecated" : false,
"documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
"enumType" : null,
The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to the parameter consumer as a reference to the object.

The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.
configuration is active.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "upgradeProcessing",
"getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active. </p>

@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"ListModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active. </p>

@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "upgradeProcessing",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

```java
public class ElasticsearchVersion {
    private boolean upgradeProcessing;
}
```

This is a convenience that creates an instance of the [String Builder](https://docs.oracle.com/en/java/javase/11/docs/api/java.base/java/lang/String.Builder.html) avoiding the need to create one manually via `{ @link String#builder() }`. When the `{ @link Consumer }` completes, `{ @link String.Builder#build() }` is called immediately and its result is passed to `{ @link ElasticsearchVersion#elasticsearchVersion(String) }`. A consumer that will call methods on `{ @link String.Builder }` returns a reference to this object so that method calls can be chained together.

```java
public class ElasticsearchVersion {
    public ElasticsearchVersion(String elasticsearchVersion) {
        this.elasticsearchVersion = elasticsearchVersion;
    }
}
```

Sets the value of the ElasticsearchVersion property for this object.

```java
public class ElasticsearchVersion {
    private String elasticsearchVersion;
}
```

The new value for the ElasticsearchVersion property for this object.

```java
public class ElasticsearchVersion {
    public String elasticsearchVersion {
        return this.elasticsearchVersion;
    }
}
```
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n\n@returns The updated object with the ElasticsearchVersion property set.\n\n\nsetterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig"
"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
This is a convenience that creates an instance of the {@link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfig#builder()}. When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchClusterConfig(ElasticsearchClusterConfigConfig)}.{@param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder} \n@return Returns a reference to this object so that method calls can be chained together;\n@see #elasticsearchClusterConfig(ElasticsearchClusterConfigConfig)",
"deprecated" : false,
"documentation" : "<p>The type and number of instances in the domain cluster.</p>
@param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}
@return Returns a reference to this object so that method calls can be chained together;",
"enumType" : null,
"eventId" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances in the domain cluster.\n@return Returns a reference to this object so that method calls can be chained together;",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
@return The type and number of instances in the domain cluster.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
for more information.</p>

This is a convenience that creates an instance of the { @link EBSOptions.Builder } avoiding the need to create one manually via { @link EBSOptions#builder() } .

When the { @link Consumer } completes, { @link EBSOptions.Builder#build() } is called immediately and its result is passed to { @link EbsOptions(EBSOptions) } .

@link EBSOptions.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptions)"

  "deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethod...
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "The <code>EBSOptions</code> for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.\n\n@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
Configuring EBS-based Storage

EBSOptions

Configuring EBS-based Storage

EBSOptions
as a JSON-formatted string.

```
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.

```

```
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>"}
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
This is a convenience that creates an instance of the [ @link
SnapshotOptions.Builder ] avoiding the need to create one manually via [ @link
SnapshotOptions#builder() ].

When the [ @link Consumer ] completes, [ @link
SnapshotOptions.Builder#build() ] is called immediately and its result is passed to [ @link
#snapshotOptions(SnapshotOptions) ]

@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"enumType" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>",
"enumType" : "null",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "null",
"fluentEnumSetterMethodName" : "null",
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@see snapshotOptions(SnapshotOptions)",
"functModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : "null",
"additionalUnmarshallingPath" : "null",
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "null",
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code></p>",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
","simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},
{"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain.
For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
This is a convenience that creates an instance of the {@link VPCDerivedInfo.Builder} avoiding the need to create one manually via {@link VPCDerivedInfo#builder()}. When the {@link Consumer} completes, {@link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCDerivedInfo)}. Returns a reference to this object so that method calls can be chained together. See #vpcOptions(VPCDerivedInfo)"}
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>

@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>

@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

"getterModel" : {
  "returnType" : "VPCDerivedInfo",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>. @param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfo",
    "documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null,
"
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. @param cognitoOptions a consumer that will call methods on <code>CognitoOptions</code>.
@return Returns a reference to this object so that method calls can be chained together.
@see #cognitoOptions(CognitoOptions)",
"deprecated" : false,
The <code>CognitoOptions</code> for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html). Returns a reference to this object so that method calls can be chained together.

```java
public CognitoOptions getCognitoOptions() {
    return cognitoOptions;
}
```

```java
public void setCognitoOptions(CognitoOptions cognitoOptions) {
    this.cognitoOptions = cognitoOptions;
}
```

```
http: {
  additionalMarshallingPath: null,
  additionalUnmarshallingPath: null,
  flattened: false,
  greedy: false,
  header: false,
  isPayload: false,
  isStreaming: false,
  location: null,
  marshallLocation: "PAYLOAD",
  marshallLocationName: "CognitoOptions",
  queryString: false,
  statusCode: false,
  unmarshallLocationName: "CognitoOptions",
  uri: false
},
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```

```
getIdempotencyToken() {
    return idempotencyToken;
}
```

```
isBinary() {
    return isBinary;
}
```

```
getJsonValue() {
    return jsonValue;
}
```

```
getList() {
    return list;
}
```
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "CognitoOptions",
"setterDocumentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>&gt;.&lt;/p&gt;&lt;p&gt;@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>&gt;.

"setterMethodName": "setCognitoOptions",
"setterModel": {
  "variableDeclarationType": "CognitoOptions",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptions",
  "documentation": null,
  "simpleType": "CognitoOptions",
  "variableSetterType": "CognitoOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "CognitoOptions",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptions",
  "documentation": "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>&gt;.

"simpleType": "CognitoOptions",
  "variableSetterType": "CognitoOptions"
},
"xmlNameSpaceUri": null,
},
"beanStyleSetterMethodName": "getEncryptionAtRestOptions",
"beanStyleSetterMethodName": "setEncryptionAtRestOptions",
"c2jName": "EncryptionAtRestOptions",
"c2jShape": "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation": "&lt;p&gt; Specifies the status of the <code>EncryptionAtRestOptions</code>.&lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the <code>EncryptionAtRestOptions.Builder</code> avoiding the need to create one manually via <code>EncryptionAtRestOptions.Builder</code>. When the <code>EncryptionAtRestOptions.Builder</code> completes, <code>EncryptionAtRestOptions.Builder#build()</code> is called immediately and its result is passed to <code>EncryptionAtRestOptions</code> a consumer that will call methods on <code>EncryptionAtRestOptions.Builder</code> returns a reference to this object so that method calls can be chained together.&lt;/p&gt;@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated": false,
"documentation": "&lt;p&gt; Specifies the status of the <code>EncryptionAtRestOptions</code>.&lt;/p&gt;",
"enumType": null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p> Specifies the status of the </p>
"<code>EncryptionAtRestOptions</code>.\n@return Specifies the status of the <code>EncryptionAtRestOptions</code>.
"<code>EncryptionAtRestOptions</code>
", "setterDocumentation" : "<p> Specifies the status of the </p>
"<code>EncryptionAtRestOptions</code>.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setEncryptionAtRestOptions",
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"variableDeclarationType" : "EncryptionAtRestOptions",
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
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"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the </p>
"<code>EncryptionAtRestOptions</code>.\n@return encryptionAtRestOptions Specifies the status of the <code>EncryptionAtRestOptions</code>.
"<code>EncryptionAtRestOptions</code>.
"
"variableName": "encryptionAtRestOptions",
"variableType": "EncryptionAtRestOptions",
"documentation": null,
"simpleType": "EncryptionAtRestOptions",
"variableSetterType": "EncryptionAtRestOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "EncryptionAtRestOptions",
"variableName": "encryptionAtRestOptions",
"variableType": "EncryptionAtRestOptions",
"documentation": "<p>Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
"simpleType": " EncryptionAtRestOptions",
"variableSetterType": "EncryptionAtRestOptions"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName": "setNodeToNodeEncryptionOptions",
"c2jName": "NodeToNodeEncryptionOptions",
"c2jShape": "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
This is a convenience that creates an instance of the <code>NodeToNodeEncryptionOptions.Builder</code> avoiding the need to create one manually via <code>\@link NodeToNodeEncryptionOptions.Builder</code>.
When the <code>@Consumer</code> completes, <code>\@link NodeToNodeEncryptionOptions.Builder#build()</code> is called immediately and its result is passed to <code>\@link NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)</code>. 
\@param nodeToNodeEncryptionOptions a consumer that will call methods on <code>NodeToNodeEncryptionOptions.Builder</code>
\@return Returns a reference to this object so that method calls can be chained together.
\@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)"
, "deprecated": false,
"documentation": "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation": "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status of the <code>NodeToNodeEncryptionOptions</code>
\@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName": "nodeToNodeEncryptionOptions",
"getterDocumentation": "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
\@return Specifies the status of the <code>NodeToNodeEncryptionOptions</code>
",
"getterModel": {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "<p>Specifies the status of the<br>
<code>NodeToNodeEncryptionOptions</code>.<p>",
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"}
"variableSetterType" : "NodeToNodeEncryptionOptions",
"xmlnsNameSpaceUri" : null,

{"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
This is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()} .
When the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}.

@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder}.
@return Returns a reference to this object so that method calls can be chained together.

@see #advancedOptions(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>
@return Returns a reference to this object so that method calls can be chained together.

@see #advancedOptions(Map<String,String>)",
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return Specifies the status of the <code>AdvancedOptions</code>",
"getterModel" : {
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.\n@param key a consumer that will call methods on { @link String.Builder}\n@returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "key",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\nThe new value for the Key property for this object.\n@returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "Returns the value of the Key property for this object.\n@returns The value of the Key property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "c2jType" : "String",
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "unmarshallLocationName" : "value",
  "uri" : false
}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link value(String)}. @param value a consumer that will call methods on {@link String.Builder}.

@see #value(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n
@see #value(String)"
@returns Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n
@returns The value of the Value property for this object.
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING"
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": "
<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code></p>"
},
"xmlNameSpaceUri": null
},
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String,String>"
},
"marshallingType": "MAP",
"name": "AdvancedOptions",
"setterDocumentation": "<p>Specifies the status of the <code>AdvancedOptions</code></p>"
,...
This is a convenience that creates an instance of the `@link Map<String,LogPublishingOption>.Builder` avoiding the need to create one manually via `@link Map<String,LogPublishingOption>#builder()`.

When the `@link Map<String,LogPublishingOption>.Builder#build()` is called immediately and its result is passed to `@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)`.

@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)

@deprecated

Log publishing options for the given domain.

Log publishing options for the given domain.

Attempts to modify the collection returned by this method will result in a `UnsupportedOperationException`.

@see return Log publishing options for the given domain.

"getterDecoration": "<p>Log publishing options for the given domain.</p>"

"getterModel": {
  "returnType": "java.util.Map<String,LogPublishingOption>",
  "documentation": null
},

"http": {
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  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "LogPublishingOptions",
  "queryString": false,
  "statusCode": false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder}().When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.\n\n@see #key(String)
",
"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object. The new value for the Key property for this object.\n\n@see LogType\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #key(String)",
"getterDocumentation" : "Returns the value of the Key property for this object.\n\n\nIf the service returns an enum value that is not available in the current SDK version, { @link #key} will return { @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #keyAsString}().\n\n@see LogType\n\n@return The value of the Key property for this object.\n\n@see LogType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
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  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
}.
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.
This is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create one manually via { @link LogPublishingOption#builder()}. When the { @link Consumer} completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link value(LogPublishingOption)}.
@returns Returns a reference to this object so that method calls can be chained together.
@see #value(LogPublishingOption)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object. @returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@returns The value of the Value property for this object.
getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
   "variableDeclarationType" : "LogPublishingOption",
   "variableName" : "value",
   "variableType" : "LogPublishingOption",
   "documentation" : null,
   "simpleType" : "LogPublishingOption",
   "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "LogPublishingOption",
   "variableName" : "value",
   "variableType" : "LogPublishingOption",
   "documentation" : null,
   "simpleType" : "LogPublishingOption",
   "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>

@param logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
   "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
   "variableName" : "logPublishingOptions",
   "variableType" : "java.util.Map<String,LogPublishingOption>",
   "documentation" : null,
   "simpleType" : "Map<String,LogPublishingOption>",
   "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
   "variableName" : "logPublishingOptions",
   "variableType" : "java.util.Map<String,LogPublishingOption>",
   "documentation" : null,
   "simpleType" : "Map<String,LogPublishingOption>",
   "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : "<p>Log publishing options for the given domain.</p>",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>",
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
This is a convenience that creates an instance of the {@@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@@link ServiceSoftwareOptions#builder()}.

When the {@@link Consumer} completes, {@@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@@link #serviceSoftwareOptions(ServiceSoftwareOptions)}. The parameter is a consumer that will call methods on {@@link ServiceSoftwareOptions.Builder} to create the object so that method calls can be chained together.

@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.
@return Returns a reference to this object so that method calls can be chained together.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@return The current status of the Elasticsearch domain's service software.",
"getterModel" : {
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.
",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
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  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "The current status of the Elasticsearch domain's service software.
",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainId", "DomainName", "ARN", "ElasticsearchClusterConfig" ],
"shapeName" : "ElasticsearchDomainStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "elasticsearchDomainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
"variableType" : "ElasticsearchDomainStatus",
"documentation" : null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"wrapper" : false
},
"ElasticsearchVersionStatus" : {
"c2jName" : "ElasticsearchVersionStatus",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
  { 
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
    <p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#build()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #options(String)}.</p>
    <p>@param options a consumer that will call methods on {@link String.Builder} returning a reference to this object so that method calls can be chained together.</p>
    @see #options(String)"
  }
},
"deprecated" : false,
"documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterMethodName" : null,
"simpleType" : "ElasticsearchVersionStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
"fluentSetterDocumentation": "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName": "options",
"getterDocumentation": "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@return Specifies the Elasticsearch version for the specified Elasticsearch domain. ",
"getterModel": {
  "returnType": "String",
  "documentation": null
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"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Options",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Options",
  "uri": false
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"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Options",
"setterDocumentation": "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.
@return Specifies the Elasticsearch version for the specified Elasticsearch domain. ",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "options",
  "variableType": "String",
  "documentation": null,
  "simple": false,
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link status(OptionStatus)}.{ @param status a consumer that will call methods on { @link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)}",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>"
@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Status",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@<param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.").
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
}].
"membersAsMap": {
  "Options": {
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
    "c2jName": "Options"}
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #options(String)}.

@deprecation : false,
"documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>

@methodDocumentation : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
@returns : Returns a reference to this object so that method calls can be chained together.

@see : #options(String)"

"enumerType" : null,
"eventIdHeader" : false,
"eventIdPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>

@param : Specifies the Elasticsearch version for the specified Elasticsearch domain.
@returns : Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>

@returns : Specifies the Elasticsearch version for the specified Elasticsearch domain.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType": "STRING",
"name": "Options",
"setterDocumentation": "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain."
,"setterMethodName": "setOptions",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "options",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "options",
"variableType": "String",
"documentation": "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"Status": {
"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus",
"defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.\n\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus.Builder#get} a consumer that will call methods on { @link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
"deprecated": false,
"documentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>"
,"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Elasticsearch version options for the specified
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. ",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
@Param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. ",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>",
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #options(String) }.
@deprecated
@param options a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(String)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@deprecated
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "options",
    "getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@deprecated
@return Specifies the Elasticsearch version for the specified Elasticsearch domain."
},
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "options",
 "variableType" : "String",
 "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
"xmlNameSpaceUri" : null
},
{
 "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.

When the
{@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}. Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)

```
deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.

@see #status(OptionStatus)

```
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.

"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO"
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain. </p>
@param status Specifies the status of the Elasticsearch version options for the specified
Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}]
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : ["Options", "Status"],
"shapeName" : "ElasticsearchVersionStatus",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "ElasticsearchVersionStatus",
"variableName" : "elasticsearchVersionStatus",
"variableType" : "ElasticsearchVersionStatus",
"documentation" : null,
"simpleType" : "ElasticsearchVersionStatus",
"variableSetterType" : "ElasticsearchVersionStatus"
},
"wrapper" : false
},
"EncryptionAtRestOptions" : {
"c2jName" : "EncryptionAtRestOptions",
"customization" : {

"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p><p>This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}.\n\n@see #enabled(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p><p>Specifies the option to enable Encryption At Rest.\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see Boolean#build()
\n@throws IllegalStateException if parameters are invalid, \n@throws IllegalArgumentException if the type is inappropriate.\n\n@see #enabled(Boolean)",
  "fluentSetterMethodDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "Enabled",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "Enabled",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Enabled",
"setterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>
@param enabled Specifies the option to enable Encryption At Rest.",
"setterMethodName": "setEnabled",
"setterModel": {
    "variableDeclarationType": "Boolean",
    "variableName": "enabled",
    "variableType": "Boolean",
    "documentation": null,
    "simpleType": "Boolean",
    "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "Boolean",
    "variableName": "enabled",
    "variableType": "Boolean",
    "documentation": "<p>Specifies the option to enable Encryption At Rest.</p>",
    "simpleType": "Boolean",
    "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},

Open Source Used In Data Center Network Manager 11.5(1) 21411
"beanStyleGetterMethodName" : "getKmsKeyId",
"beanStyleSetterMethodName" : "setKmsKeyId",
"c2jName" : "KmsKeyId",
"c2jShape" : "KmsKeyId",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options. </p尽可能避免创建一个 String#builder() 时不需要的便利。
例子。当 Consumer 完成时，String.Builder#build() 被立即调用并其结果传递给 KmsKeyId(String)。@param
kmsKeyId 一个会调用 String.Builder 的consumer。@return 返回这个对象的引用以便方法调用可以被链在一起。
"deprecated" : false,
"documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "kmsKeyId",
"fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options. </p>
@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options. @return 返回这个对象的引用以便方法调用可以被链在一起。",
"fluentSetterMethodName" : "kmsKeyId",
"getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options. </p>
@return Specifies the KMS Key ID for Encryption At Rest options. ",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "KmsKeyId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "KmsKeyId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "KmsKeyId",
"setterDocumentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName": "setKmsKeyId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "kmsKeyId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "kmsKeyId",
  "variableType": "String",
  "documentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsSpaceUri": null
},
"membersAsMap": {
  "Enabled": {
    "beanStyleGetterMethodName": "getEnabled",
    "beanStyleSetterMethodName": "setEnabled",
    "c2jName": "Enabled",
    "c2jShape": "Boolean",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies the option to enable Encryption At Rest.<br/>\nThis is a convenience that creates an instance of the \{@link Boolean.Builder\} avoiding the need to create one manually via \{@link Boolean#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link Boolean.Builder#build()\} is called immediately and its result is passed to \{@link #enabled(Boolean)\}.\n@deprecated\n@return Returns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)"
  },
  "deprecated": false,
  "documentation": "<p>Specifies the option to enable Encryption At Rest.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "enabled",
  "fluentSetterMethodName": null,
  "getterDocumentation": null,
  "getterMethodName": "getEnabled",
  "getterModel": null,
  "getterResponseClass": null,
  "getterResponseClassGenerated": false,
  "getterResponseModel": null,
  "getterResponseModelGenerated": false,
  "map": false,
  "mapModel": null,
  "marshallingType": "STRING",
  "name": "Enabled",
  "getterMethodArgumentCount": 1,
  "getterMethodArgumentTypes": null,
  "getterMethodArguments": null,
  "getterMethodDeclaration": null,
  "getterMethodReturnType": null,
  "getterMethodName": "getEnabled",
  "getterResponseClass": null,
  "getterResponseClassGenerated": false,
  "getterResponseModel": null,
  "getterResponseModelGenerated": false,
  "getterMethodArgumentCount": 1,
  "getterMethodArgumentTypes": null,
  "getterMethodArguments": null,
  "getterMethodDeclaration": null,
  "getterMethodReturnType": null,
  "getterMethodName": "getEnabled",
  "getterResponseClass": null,
  "getterResponseClassGenerated": false,
  "getterResponseModel": null,
  "getterResponseModelGenerated": false
}
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"KmsKeyId" : {
    "beanStyleGetterMethodName" : "getKmsKeyId",
    "beanStyleSetterMethodName" : "setKmsKeyId",
    "c2jName" : "KmsKeyId",
    "c2jShape" : "KmsKeyId",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #kmsKeyId(String)}\n@param kmsKeyId a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #kmsKeyId(String)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "kmsKeyId",
    "fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #kmsKeyId(String)",
    "fluentSetterMethodName" : "kmsKeyId",
    "getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.\n@see #kmsKeyId(String)",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "KmsKeyId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "KmsKeyId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null


"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At
Rest.</p>\nThis is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to
create one manually via {@link Boolean#builder()}.\n\nWhen the {@link Consumer} completes, {@link
Boolean.Builder#build() is called immediately and its result is passed to { @link #enabled(Boolean) }\n@\n@\n
enabled a consumer that will call methods on { @link Boolean.Builder }\n\n@\n\n\nreturn

\n
Returns a reference to this object so that method calls can be chained together.
\n\nsee #enabled(Boolean)

"deprecated" : false,
"documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
\n\n@\n\n\nparam enabled

Specifies the option to enable Encryption At Rest.
\n\n@\n\n\nreturn

Specifies the option to enable Encryption At Rest.
\n\n@\n\n\ngetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
\n\n\nreturn

Specifies the option to enable Encryption At Rest.
\n\n\ngetterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
\n\n@\n\n\nparam enabled

Specifies the option to enable Encryption At Rest.
\n\n@\n\n\nreturn

Specifies the option to enable Encryption At Rest.
\n\n\nsetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
\n\n\n
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getKmsKeyId",
  "beanStyleSetterMethodName" : "setKmsKeyId",
  "c2jName" : "KmsKeyId",
  "c2jShape" : "KmsKeyId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the KMS Key ID for Encryption At Rest options.</p><p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #kmsKeyId(String)}.
@param kmsKeyId a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.<@see #kmsKeyId(String)}",
  "deprecated" : false,
  "documentation" : "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "kmsKeyId",
  "fluentSetterMethodName" : "kmsKeyId",
  "fluentSetterDocumentation" : "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>
@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.
@return Returns a reference to this object so that method calls can be chained together.",
  "getterDocumentation" : "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
"setterDocumentation": "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName": "setKmsKeyId",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "kmsKeyId",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "kmsKeyId",
    "variableType": "String",
    "documentation": "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>",
    "simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "EncryptionAtRestOptions",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "EncryptionAtRestOptions",
  "variableName": "encryptionAtRestOptions",
  "variableType": "EncryptionAtRestOptions",
  "documentation": null,
  "simpleType": "EncryptionAtRestOptions",
  "variableSetterType": "EncryptionAtRestOptions"
},
"wrapper": false
},
"EncryptionAtRestOptionsStatus": {
  "c2jName": "EncryptionAtRestOptionsStatus",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p>Status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "marshaller": null,
  "members": [
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
    "c2jName": "Options",
    "c2jShape": "EncryptionAtRestOptions",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies the Encryption At Rest options for the specified
This is a convenience that creates an instance of the `EncryptionAtRestOptions.Builder` avoiding the need to create one manually via `EncryptionAtRestOptions#builder()`. When the `Consumer` completes, `EncryptionAtRestOptions.Builder#build()` is called immediately and its result is passed to a consumer that will call methods on `EncryptionAtRestOptions.Builder`.

```
@see #options(EncryptionAtRestOptions)
```

```
@deprecated
```

```
<param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.

```
<getterDocumentation>
```

```
<getterModel>
```

```
<http>
```

```
{idempotencyToken} : false,
```

```
isBinary" : false,
```

```
"jsonValue" : false,
```

```
"list" : false,
```

```
"listModel" : null,
```

```
"map" : false,
```

```
"mapModel" : null,
```

```
"encrypted" : false,
```

```
"documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p> ",
```

```
"enumType" : null,
```

```
"eventHeader" : false,
```

```
"eventPayload" : false,
```

```
"fluentEnumGetterMethodName" : null,
```

```
"fluentEnumSetterMethodName" : null,
```

```
"fluentGetterMethodName" : "options",
```

```
"fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>

```

```
@return Returns a reference to this object so that method calls can be chained together.

```

```
@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.
```

```
@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.
```

```
@see #options(EncryptionAtRestOptions)
```
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "&lt;p&gt; Specifies the Encryption At Rest options for the specified Elasticsearch
domain.&lt;/p&gt;&lt;param options Specifies the Encryption At Rest options for the specified Elasticsearch domain."

"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "&lt;p&gt; Specifies the Encryption At Rest options for the specified Elasticsearch domain.&lt;/p&gt;",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt; Specifies the status of the Encryption At Rest options for
the specified Elasticsearch domain.&lt;/p&gt;&lt;param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.&lt;/param&gt;\n\nThis is a convenience that creates an instance of the { @link
OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.\n\nWhen the
{ @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed
to { @link #status(OptionStatus)}\n\n@param status a consumer that will call methods on { @link
OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #status(OptionStatus)"

deprecated" : false,
"documentation" : "&lt;p&gt; Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "&lt;p&gt; Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain.&lt;/p&gt;&lt;param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch
domain.&lt;/param&gt;\n@see #status(OptionStatus)"

"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain. </p>\n@return Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain. ",
"getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain. </p>\n@param status Specifies the status of the Encryption At Rest options for the specified
Elasticsearch domain. ",
"setterMethodName" : "setStatus",
"setterModel" : {
    "variableDeclarationType" : "OptionStatus",
    "variableName" : "status",
    "variableType" : "OptionStatus",
    "documentation" : null,
    "simpleType" : "OptionStatus",
    "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : '<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>',
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
"Options" : {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : '<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>',
"documentation" : '<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>',
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : '<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>',
"getterDocumentation" : '<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>',
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain."
,"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus"
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link OptionStatus.Builder} in @param status a consumer that will call methods on {@link OptionStatus.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",

"deprecated" : false,

"documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>

@method status(OptionStatus)

"enumType" : null,

"eventType" : null,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "status",

"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>

@method status(OptionStatus)

"fluentSetterMethodName" : "status",

"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>

@method status(OptionStatus)

"getterModel" : {

"returnType" : "OptionStatus",

"documentation" : null

},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Status",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Status",

"uri" : false

},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>
@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. ",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>
"simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},

"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getOptions",
  "beanStyleSetterMethodName": "setOptions",
  "c2jName": "Options",
  "c2jShape": "EncryptionAtRestOptions",
  "defaultValueFluentSetterDocumentation": "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder()}. When the { @link Consumer} completes, { @link EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link #options(EncryptionAtRestOptions)}.<p>@param options a consumer a consumer that will call methods on { @link EncryptionAtRestOptions.Builder}.<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #options(EncryptionAtRestOptions)",
  "deprecated": false,
  "documentation": "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
"enumType": null,
  "eventHeader": false,
  "eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.
@return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
@return Returns a reference to this object so that method calls can be chained together."
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "options",
"variableType" : "EncryptionAtRestOptions",
"documentation" : null,
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EncryptionAtRestOptions",
    "variableName" : "options",
    "variableType" : "EncryptionAtRestOptions",
    "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
    "simpleType" : "EncryptionAtRestOptions",
    "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the \{ @link OptionStatus.Builder} avoiding the need to create one manually via \{ @link OptionStatus#builder()}.\n\nWhen the \{ @link Consumer} completes, \{ @link OptionStatus.Builder#build()} is called immediately and its result is passed to \{ @link status(OptionStatus)\}.\n\n@see \#status(OptionStatus)"
,
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@returns {OptionStatus} a reference to this object so that method calls can be chained together.\n@see \#status(OptionStatus)",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see \#status(OptionStatus)",
"getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Status",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "\<p\> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\</p\>\n@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\"",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null
}
"required" : [ "Options", "Status" ],
"shapeName" : "EncryptionAtRestOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptionsStatus",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"wrapper" : false
},
"GetCompatibleElasticsearchVersionsRequest" : {
  "c2jName" : "GetCompatibleElasticsearchVersionsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for request parameters to <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "GetCompatibleElasticsearchVersions",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/compatibleVersions",
    "target" : null,
    "verb" : "GET",
    "xmlNameSpaceUri" : null
  },
  "members" : [
"BeanStyleGetterMethodName" : "getDomainName",
"BeanStyleSetterMethodName" : "setDomainName",
"C2JName" : "DomainName",
"C2JShape" : "DomainName",
"DefaultValueFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create
one manually via \{@link StringBuilder()\}. When the \{@link Consumer\} completes, \{@link
StringBuilder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.
@see #domainName(String)",
"deprecated" : false,
"documented" : "",
"EventType" : null,
"EventHeader" : false,
"EventPayload" : false,
"FluentEnumGetterMethodName" : null,
"FluentEnumSetterMethodName" : null,
"FluentGetterMethodName" : "domainName",
"FluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@see #domainName(String)",
"isPayload" : false,
"isStreaming" : false,
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"isBinary" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.
\n\n@param domainName
The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via{@link String#builder}. When the { @link Consumer} completes, { @link String.Builder#build} is called immediately and its result is passed to { @link #domainName(String)}.\n\n@para domainName a consumer that will call methods on { @link String.Builder}\n\n@para return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterMethodName" : "setDomainName",
  "javaType" : "String",
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "DomainName",
  "setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}];
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of the DomainName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n@param
domainName The new value for the DomainName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
",
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\nThis is a convenience that creates an instance of the [\link String.Builder] avoiding the need to create one manually via [\link String#builder()].\nWhen the [\link Consumer] completes, [\link String.Builder#build()] is called immediately and its result is passed to [\link #domainName(String)].\n@param domainName a consumer that will call methods on [\link String.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\nThe new value for the DomainName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of the DomainName property for this object."
}]
}
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false 
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
"xmlNameSpaceUri" : null
  } ].
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshall" : null,
"variable" : {
    "variableDeclarationType" : "GetCompatibleElasticsearchVersionsRequest",

"variableName" : "getCompatibleElasticsearchVersionsRequest",
"variableType" : "GetCompatibleElasticsearchVersionsRequest",
"documentation" : null,
"simpleType" : "GetCompatibleElasticsearchVersionsRequest",
"variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
},
"wrapper" : false
},
"GetCompatibleElasticsearchVersionsResponse" : {
"c2jName" : "GetCompatibleElasticsearchVersionsResponse",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
"deprecated" : false,
"documentation" : "&lt;p&gt; Container for response returned by &lt;code&gt;&lt;a&gt;GetCompatibleElasticsearchVersions&quot; /&gt;&lt;/code&gt; operation. &lt;/p&gt;",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
 "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
 "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
 "c2jName" : "CompatibleElasticsearchVersions",
 "c2jShape" : "CompatibleElasticsearchVersionsList",
 "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt; A map of compatible Elasticsearch versions returned as part of the &lt;code&gt;&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt; &lt;/code&gt; operation. &lt;/p&gt;\nThis is a convenience that creates an instance of the &lt;link List&lt;CompatibleVersionsMap&gt;&gt;.Builder avoiding the need to create one manually via &lt;link List&lt;CompatibleVersionsMap&gt;&gt;&#43;#builder().\nWhen the &lt;link Consumer&gt; completes, &lt;link List&lt;CompatibleVersionsMap&gt;&gt;&#43;#build() is called immediately and its result is passed to &lt;link #compatibleElasticsearchVersions(List&lt;CompatibleVersionsMap&gt;&gt;)&gt;\n@see compatibleElasticsearchVersions(List&lt;CompatibleVersionsMap&gt;&gt;)",
 "deprecated" : false,
 "documentation" : "&lt;p&gt; A map of compatible Elasticsearch versions returned as part of the &lt;code&gt;&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt; &lt;/code&gt; operation. &lt;/p&gt;"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "compatibleElasticsearchVersions",
"fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>
@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "compatibleElasticsearchVersions",
"getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>
@return A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation.\n"getterModel" : {
"returnType" : "java.util.List<CompatibleVersionsMap>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CompatibleElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CompatibleElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"documentation" : null
}
"c2jShape" : "CompatibleVersionsMap",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the {@link CompatibleVersionsMap.Builder} avoiding the need to create one manually via {@link CompatibleVersionsMap#builder()}. When the {@link Consumer} completes, it calls immediately and its result is passed to

{ @link #member(CompatibleVersionsMap)}. Returns a reference to this object so that method calls can be chained together.

@see #member(CompatibleVersionsMap)

return

": "false,
"documentation" : ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

return

Returns a reference to this object so that method calls can be chained together.

": "false,
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

return

The value of the Member property for this object.

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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
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"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
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  "variableName": "member",
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},
"simple": false,
"timestampFormat": null,
"variable": {
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  "variableName": "member",
  "variableType": "CompatibleVersionsMap",
  "documentation": "",
  "simpleType": "CompatibleVersionsMap",
  "variableSetterType": "CompatibleVersionsMap"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "CompatibleVersionsMap",
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"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "CompatibleVersionsMap",
"templateImplType": "java.util.ArrayList<CompatibleVersionsMap>",
"templateType": "java.util.List<CompatibleVersionsMap>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "CompatibleElasticsearchVersions",
"setterDocumentation": "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>\n\n@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation.",
"setterMethodName": "setCompatibleElasticsearchVersions",
"setterModel": {
  "variableDeclarationType": "java.util.List<CompatibleVersionsMap>",
  "variableName": "compatibleElasticsearchVersions"
}
"variableType" : "java.util.List<CompatibleVersionsMap>",
"documentation" : null,
"simpleType" : "List<CompatibleVersionsMap>",
"variableSetterType" : "java.util.Collection<CompatibleVersionsMap>">
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
  "variableName" : "compatibleElasticsearchVersions",
  "variableType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>\<a>GetCompatibleElasticsearchVersions</a> \</code> operation. </p>",
  "simpleType" : "List<CompatibleVersionsMap>",
  "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "CompatibleElasticsearchVersions" : {
    "beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
    "beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
    "c2jName" : "CompatibleElasticsearchVersions",
    "c2jShape" : "CompatibleElasticsearchVersionsList",
    "defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>\<a>GetCompatibleElasticsearchVersions</a> \</code> operation. </p>
This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builderavoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }.When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<CompatibleVersionsMap>.Builder#build() } is called immediately and its result is passed to { @link List<CompatibleElasticsearchVersions> }. This is a convenience that creates an instance of the { @link List<CompatibleVersionsMap> }.Builder avoiding the need to create one manually via { @link List<CompatibleVersionsMap>.Builder#builder() }. When the { @link Consumer } completes, { @link List<Compati...
"getterDocumentation" : "<p>A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation.
"getterModel" : {
  "returnType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CompatibleElasticsearchVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CompatibleElasticsearchVersions",
  "uri" : false
},
{idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link CompatibleVersionsMap.Builder} avoiding the need to create one manually via {@link CompatibleVersionsMap#builder()}. When the {@link Consumer} completes, {@link CompatibleVersionsMap.Builder#build()} is called immediately and its result is passed to {@link #member(CompatibleVersionsMap)}.

@param member a consumer that will call methods on {@link CompatibleVersionsMap.Builder}.
@see #member(CompatibleVersionsMap)
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "CompatibleVersionsMap",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
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  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : null,
  "simpleType" : "CompatibleVersionsMap"}
"variableSetterType": "CompatibleVersionsMap"
],
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "CompatibleVersionsMap",
  "variableName": "member",
  "variableType": "CompatibleVersionsMap",
  "documentation": "",
  "simpleType": "CompatibleVersionsMap",
  "variableSetterType": "CompatibleVersionsMap"
},
"xmlNameSpaceUri": null
],
"memberLocationName": null,
"memberType": "CompatibleVersionsMap",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "CompatibleVersionsMap",
"templateImplType": "java.util.ArrayList<CompatibleVersionsMap>",
"templateType": "java.util.List<CompatibleVersionsMap>"
],
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "CompatibleElasticsearchVersions",
"setterDocumentation": "<p>A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>
@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation.",
"setterMethodName": "setCompatibleElasticsearchVersions",
"setterModel": {
  "variableDeclarationType": "java.util.List<CompatibleVersionsMap>",
  "variableName": "compatibleElasticsearchVersions",
  "variableType": "java.util.List<CompatibleVersionsMap>",
  "documentation": null,
  "simpleType": "List<CompatibleVersionsMap>",
  "variableSetterType": "java.util.Collection<CompatibleVersionsMap>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<CompatibleVersionsMap>",
  "variableName": "compatibleElasticsearchVersions",
  "variableType": "java.util.List<CompatibleVersionsMap>",
  "documentation": "",
  "simpleType": "List<CompatibleVersionsMap>",
  "variableSetterType": "java.util.Collection<CompatibleVersionsMap>"
},
"simple": false,
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  "variableName": "compatibleElasticsearchVersions",
  "variableType": "java.util.List<CompatibleVersionsMap>",
  "documentation": "",
  "simpleType": "List<CompatibleVersionsMap>",
  "variableSetterType": "java.util.Collection<CompatibleVersionsMap>"
}
<a>GetCompatibleElasticsearchVersions</a> operation. <p>

This is a convenience that creates an instance of the [List<CompatibleVersionsMap>.Builder] avoiding the need to create one manually via [List<CompatibleVersionsMap>#builder()]. When the [Consumer] completes, [List<CompatibleVersionsMap>.Builder#build()] is called immediately and its result is passed to [List<CompatibleElasticsearchVersions(List<CompatibleVersionsMap>)].

@returns A reference to this object so that method calls can be chained together.

@see #compatibleElasticsearchVersions(List<CompatibleVersionsMap>)

@deprecated false
@documentation A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation.

@returns Returns a reference to this object so that method calls can be chained together.

@see #compatibleElasticsearchVersions

@supportedMethods [GetCompatibleElasticsearchVersions]
@supportedMethods [compatibleElasticsearchVersions]
@supportedMethods [compatibleElasticsearchVersions(List<CompatibleVersionsMap>)]
@supportedMethods [compatibleElasticsearchVersions(List<CompatibleVersionsMap>)]
@supportedMethods [compatibleElasticsearchVersions(List<CompatibleVersionsMap>)]
"flattened": false,
"greedy": false,
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"isPayload": false,
"isStreaming": false,
"location": null,
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"marshallLocationName": "CompatibleElasticsearchVersions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "CompatibleElasticsearchVersions",
"uri": false},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "CompatibleVersionsMap",
    "defaultValue": "CompatibleVersionsMap",
    "defaultValueSetter": null,
    "defaultValueSetterDocumentation": "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the \[@link CompatibleVersionsMap.Builder\] avoiding
the need to create one manually via \[@link CompatibleVersionsMap#builder()\].
When the \[@link Consumer\] completes, \[@link CompatibleVersionsMap.Builder#build()\] is called immediately and its result is passed to
\[@link #member(CompatibleVersionsMap)\].
\[@param member a consumer that will call methods on \[@link
CompatibleVersionsMap.Builder\] when an object is passed to this method.\]
\[@input builder\]
\[@output builder\]
\[@returns Returns a reference to this object so that method calls can be chained
together.\]
\[@see #member(CompatibleVersionsMap)\],
  "deprecated": false,
  "documentation": "",
  "eventHeader": false,
  "eventPayload": false,
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  "fluentEnumSetterMethodName": "null",
  "fluentGetterMethodName": "member",
  "fluentSetterMethod": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.\n@returns The value of
the Member property for this object.\n",
  "getterModel": {
    "returnType": "CompatibleVersionsMap",
    "defaultValue": "CompatibleVersionsMap",
    "defaultValueSetter": null,"signature": "CompatibleVersionsMap"
  }
}
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : null,
  "simpleType" : "CompatibleVersionsMap",
  "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : "",
  "simpleType" : "CompatibleVersionsMap",
  "variableSetterType" : "CompatibleVersionsMap"
}
"xmlNameSpaceUri" : null,
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"}
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p>A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. @param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. ",
"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : null,
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
 "variableName" : "compatibleElasticsearchVersions",
 "variableType" : "java.util.List<CompatibleVersionsMap>",
 "documentation" : "<p>A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>",
 "simpleType" : "List<CompatibleVersionsMap>",
 "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"xmlNameSpaceUri" : null
}
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
}
"GetUpgradeHistoryRequest" : {
   "c2jName" : "GetUpgradeHistoryRequest",
   "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
   },
   "deprecated" : false,
   "documentation" : "<p> Container for request parameters to <code> <a>GetUpgradeHistory</a> </code> operation. </p>",
   "enums" : null,
   "errorCode" : null,
   "event" : false,
   "eventStream" : false,
   "explicitEventPayloadMember" : null,
   "hasHeaderMember" : false,
   "hasPayloadMember" : false,
   "hasStatusCodeMember" : false,
   "hasStreamingMember" : false,
   "httpStatusCode" : null,
   "marshaller" : {
      "action" : "GetUpgradeHistory",
      "locationName" : null,
      "requestUri" : "2015-01-01/es/upgradeDomain/{DomainName}/history",
      "target" : null,
      "verb" : "GET",
      "xmlNameSpaceUri" : null
   },
   "members" : [ {
      "beanStyleGetterMethodName" : "getDomainName",
      "beanStyleSetterMethodName" : "setDomainName",
      "c2jName" : "DomainName",
      "c2jShape" : "DomainName",
      "c2jName" : null,
      "c2jShape" : null
   },
   "variable" : {
      "variableDeclarationType" : "GetCompatibleElasticsearchVersionsResponse",
      "variableName" : "getCompatibleElasticsearchVersionsResponse",
      "variableType" : "GetCompatibleElasticsearchVersionsResponse",
      "documentation" : null,
      "simpleType" : "GetCompatibleElasticsearchVersionsResponse",
      "variableSetterType" : "GetCompatibleElasticsearchVersionsResponse"
   },
   "wrapper" : false
},
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].

@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object."

@see #domainName(String)

@param domainName a consumer that will call methods on [@link String.Builder]

@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)",
"getDocumentation" : "Returns the value of the DomainName property for this object.

@see #domainName(String)

@return The value of the DomainName property for this object.

@see #domainName(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer.Builder#builder()}.

When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #setMaxResults(Integer)}. @param maxResults a consumer that will call methods on { @link Integer.Builder} @return Returns a reference to this object so that method calls can be chained together.@see #setMaxResults(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.

The new value for the MaxResults property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "Returns the value of the MaxResults property for this object.

The value of the MaxResults property for this object.",
  "getterModel" : {
    "variableDeclarationType" : "MaxResults",
    "variableName" : "maxResults",
    "variableType" : "MaxResults",
    "documentation" : null,
    "simpleType" : "MaxResults",
    "variableSetterType" : "MaxResults"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "MaxResults",
    "variableName" : "maxResults",
    "variableType" : "MaxResults",
    "documentation" : null,
    "simpleType" : "MaxResults",
    "variableSetterType" : "MaxResults"
  },
  "xmlNameSpaceUri" : null
}
"getterModel": {  
  "returnType": "Integer",  
  "documentation": null
},

"http": {  
  "additionalMarshallingPath": null,  
  "additionalUnmarshallingPath": null,  
  "flattened": false,  
  "greedy": false,  
  "header": false,  
  "isPayload": false,  
  "isStreaming": false,  
  "location": "querystring",  
  "marshallLocation": "QUERY_PARAM",  
  "marshallLocationName": "maxResults",  
  "queryString": true,  
  "statusCode": false,  
  "unmarshallLocationName": "maxResults",  
  "uri": false
},  

"idempotencyToken": false,  

"isBinary": false,  

"jsonValue": false,  

"list": false,  

"listModel": null,  

"map": false,  

"mapModel": null,  

"marshallingType": "INTEGER",  

"name": "MaxResults",  

"setterDocumentation": "Sets the value of the MaxResults property for this object.\n\n@param maxResults The new value for the MaxResults property for this object.\n\n",  

"setterMethodName": "setMaxResults",  

"setterModel": {  
  "variableDeclarationType": "Integer",  
  "variableName": "maxResults",  
  "variableType": "Integer",  
  "documentation": null,  
  "simpleType": "Integer",  
  "variableSetterType": "Integer"
},  

"simple": true,  

"timestampFormat": null,  

"variable": {  
  "variableDeclarationType": "Integer",  
  "variableName": "maxResults",  
  "variableType": "Integer",  
  "documentation": "",  
  "simpleType": "Integer"}
"variableSetterType" : "Integer",
},
"xmlNameSpaceUri" : null
],
  
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultValueSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.\n\n@param nextToken a consumer that will call methods on { @link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\nThe new value for the NextToken property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "Returns the value of the NextToken property for this object.\n\n@return The value of the NextToken property for this object."
}.
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "queryString",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@para nextToken The new value for the NextToken property for this object.,
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}]
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #domainName(String). @para

@para domainName a consumer that will call methods on @link String.Builder

@para return Returns a reference to this object so that method calls can be chained together.

@para see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.

@return The value of the DomainName property for this object.,
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : "uri",
   "marshallLocation" : "PATH",
   "marshallLocationName" : "DomainName",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "DomainName",
   "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setDomainName",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "domainName",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String"}
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"MaxResults" : {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.
When the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link #maxResults(Integer)].
When the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link #maxResults(Integer)].";
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.
@param maxResults The new value for the MaxResults property for this object.
@return Returns a reference to this object so that method calls can be chained together.
@see #maxResults(Integer)",
  "getDocumentation" : "Returns the value of the MaxResults property for this object.
@type Integer
@return The value of the MaxResults property for this object.

"returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
The new value for the MaxResults property for this object.

```

@param maxResults
```

```

The setter documentation for the MaxResults property for this object.

```

```
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String.Builder.builder()].

When the [link Consumer] completes, [link String.Builder.build()] is called immediately and its result is passed to [link #nextToken(String)].

@param nextToken a consumer that will call methods on [link String.Builder]

@return Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)",

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.

@return The value of the NextToken property for this object.

getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING"
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The new value for the NextToken property for this object."

"setterMethodName" : "setNextToken",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null

"nonStreamingMembers" : [ {
 "beanStyleGetterMethodName" : "getDomainName",
 "beanStyleSetterMethodName" : "setDomainName",
 "c2jName" : "DomainName",
 "c2jShape" : "DomainName",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()} when the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.\n\n@see #domainName(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "domainName",
 "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
 "fluentSetterMethodName" : "domainName",
 ...
"getterDocumentation" : "Returns the value of the DomainName property for this object.

@return The value of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName

The new value for the DomainName property for this object.

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String"
This is a convenience that creates an instance of the [Integer.Builder] avoiding the need to create one manually via [Integer.Builder].

When the [Consumer] completes, [Integer.Builder#build()] is called immediately and its result is passed to [maxResults(Integer)].

@see #maxResults(Integer)

@param maxResults a consumer that will call methods on [Integer.Builder]
@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

The new value for the MaxResults property for this object.

@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

@returns a reference to this object so that method calls can be chained together.

The value of the MaxResults property for this object.
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "Sets the value of the MaxResults property for this object.\n@param maxResults The new value for the MaxResults property for this object.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\nThis is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via [ @link String#builder() ].\n\nWhen the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #nextToken(String) ].\n\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken
@returns Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.

@returns The value of the NextToken property for this object."
"getterModel" : {
	"returnType" : "String",
	"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object.
@returns Returns a reference to this object so that method calls can be chained together."
"setterMethodName" : "setNextToken",
"setterModel" : {
	"variableDeclarationType" : "String",
	"variableName" : "nextToken",
	"variableType" : "String",
	"documentation" : null,
	"simpleType" : "String"}
"variableSetterType" : "String",
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "nextToken",
 "variableType" : "String",
 "documentation" : "",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "GetUpgradeHistoryRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
 "variableDeclarationType" : "GetUpgradeHistoryRequest",
 "variableName" : "getUpgradeHistoryRequest",
 "variableType" : "GetUpgradeHistoryRequest",
 "documentation" : null,
 "simpleType" : "GetUpgradeHistoryRequest",
 "variableSetterType" : "GetUpgradeHistoryRequest"
},
"wrapper" : false
}.
"GetUpgradeHistoryResponse" : {
 "c2jName" : "GetUpgradeHistoryResponse",
 "customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "&lt;p&gt; Container for response returned by &lt;code&gt; &lt;a&gt;GetUpgradeHistory&lt;/a&gt; &lt;/code&gt; operation. &lt;/p&gt;",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getUpgradeHistories",
  "beanStyleSetterMethodName" : "setUpgradeHistories",
  "c2jName" : "UpgradeHistories",
  "c2jShape" : "UpgradeHistoryList",
  "defaultConsumerFluentSetterDocumentation" : "A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object."
]

This is a convenience that creates an instance of the List<UpgradeHistory>.Builder avoiding the need to create one manually via List<UpgradeHistory>#builder().

When the Consumer completes, List<UpgradeHistory>.Builder#build() is called immediately and its result is passed to UpgradeHistories(List<UpgradeHistory>).

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

A list of UpgradeHistory objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of GetUpgradeHistoryResponse object.
{"additionalUnmarshallingPath":null,
"flattened":false,
"greedy":false,
"header":false,
"isPayload":false,
"isStreaming":false,
"location":null,
"marshallLocation":"PAYLOAD",
"marshallLocationName":"UpgradeHistories",
"queryString":false,
"statusCode":false,
"unmarshallLocationName":"UpgradeHistories",
"uri":false,
"idempotencyToken":false,
"isBinary":false,
"jsonValue":false,
"list":true,
"listModel":{
  "implType":"java.util.ArrayList",
  "interfaceType":"java.util.List",
  "listMemberModel":{
    "beanStyleGetterMethodName":"getMember",
    "beanStyleSetterMethodName":"setMember",
    "c2jName":"member",
    "c2jShape":"UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation":"Sets the value of the Member property for this object. This is a convenience that creates an instance of the {UpgradeHistory.Builder} avoiding the need to create one manually via {UpgradeHistory#builder()}. When the {Consumer} completes, {UpgradeHistory.Builder#build()} is called immediately and its result is passed to {#member(UpgradeHistory)}.@param member a consumer that will call methods on {UpgradeHistory}.@return Returns a reference to this object so that method calls can be chained together.@see #member(UpgradeHistory)",
  "deprecated":false,
  "documentation":"
    Gets the value of the Member property for this object.
    The new value for the Member property for this object.

    @return The value of the Member property for this object.
    @param member The value for the Member property for this object.

    The new value for the Member property for this object.
    @return Returns a reference to this object so that method calls can be chained together.
    
    @param member
  "fluentSetterDocumentation":null,
  "fluentSetterMethodName":null,
  "getterDocumentation":null,
  "getterModel":null,
  "implType":null,
  "interfaceType":null,
  "listMemberModel":null,
  "listModel":null,
  "marshallLocation":null,
  "marshallLocationName":null,
  "queryString":false,
  "statusCode":false,
  "unmarshallLocationName":null,
  "uri":false}
"returnType" : "UpgradeHistory",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "member",
  "variableType" : "UpgradeHistory",
  "documentation" : null,
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "member",
  "variableType" : "UpgradeHistory",
  "documentation" : "",
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"

"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.

When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #nextToken(String) }.

@return a consumer that will call methods on { @link String.Builder }.

When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #nextToken(String) }.

@deprecated

@documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

@return Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

@return

Pagination token that needs to be supplied to the next call to get the next page of results

@return

Pagination token that needs to be supplied to the next call to get the next page of results

@getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

@return

Pagination token that needs to be supplied to the next call to get the next page of results

@getterModel" : {

"returnType" : "String",
"documentation" : null
},

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"membersAsMap" : {
  "NextToken" : {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link nextToken(String)}. This is a consumer that will call methods on { @link String.Builder}\n@returns a reference to this object so that method calls can be chained together.\n@see nextToken(String)",
    "deprecated" : false,
    "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@return Pagination token that needs to be supplied to the next call to get the next page of results",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Pagination token that needs to be supplied to the next call to get the next page of results",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"UpgradeHistories": {
  "beanStyleGetterMethodName": "getUpgradeHistories",
  "beanStyleSetterMethodName": "setUpgradeHistories",
  "c2jName": "UpgradeHistories",
  "c2jShape": "UpgradeHistoryList",
  "defaultConsumerFluentSetterDocumentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p><p>This is a convenience that creates an instance of the [List<UpgradeHistory>].Builder avoiding the need to create one manually via [List<UpgradeHistory>#builder()].
When the [Consumer] completes, [List<UpgradeHistory>#build()] is called immediately and its result is passed to [List<UpgradeHistory>].Returns a reference to this object so that method calls can be chained together.
</p><p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>

@link List<UpgradeHistory>.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #upgradeHistories(List<UpgradeHistory>)",
  "deprecated": false,
  "documentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "upgradeHistories",
"fluentSetterDocumentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"getterDocumentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"intent": null,
"parameterDocumentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
return A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. 
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. 
"@param upgradeHistories a consumer that will call methods on [
List<UpgradeHistory>].Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #upgradeHistories(List<UpgradeHistory>)
"@link List<UpgradeHistory>.Builder
"@link List<UpgradeHistory>#build()
"@link List<UpgradeHistory>";
"getters": [],
"documentation": ""<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"getters": [],
"dependencies": [],
"documentation": ""<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"getters": [],
"dependencies": [],
"documentation": ""<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. </p>
"getters": [],
"dependencies": []
}
<a>UpgradeHistory</a> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>GetUpgradeHistoryResponse</code> object.

```
"getterModel" : {
  "returnType" : "java.util.List<UpgradeHistory>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeHistories",
  "queryString" : false,
  "unmarshallLocationName" : "UpgradeHistories",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link UpgradeHistory.Builder} avoiding the need to create one manually via {@link UpgradeHistory.Builder#builder()}. When the {@link Consumer} completes, the result is passed to {@link UpgradeHistory.Builder#build()} and immediately returns a reference to this object so that method calls can be chained together.
    @see #member(UpgradeHistory)"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
```

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"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
    "returnType" : "UpgradeHistory",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "UpgradeHistory",
    "variableName" : "member",
    "variableType" : "UpgradeHistory",
    "documentation" : null,
    "simpleType" : "UpgradeHistory",
    "variableSetterType" : "UpgradeHistory"
},
"simple" : false,
A list of <code>UpgradeHistory</code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code>GetUpgradeHistoryResponse</code> object.

### setterMethodName

setUpgradeHistories

### setterModel

```java
java.util.List<UpgradeHistory>
```

### simple

false

### timestampFormat

null

### variable

```java
java.util.List<UpgradeHistory>
```
"simpleType" : "List<UpgradeHistory>",
"variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
    {  
        "beanStyleGetterMethodName" : "getUpgradeHistories",
        "beanStyleSetterMethodname" : "setUpgradeHistories",
        "c2jName" : "UpgradeHistories",
        "c2jShape" : "UpgradeHistoryList",
        "defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>
This is a convenience that creates an instance of the { @link List<UpgradeHistory>.Builder] avoiding the need to create one manually via { @link List<UpgradeHistory>#builder()}. When the { @link Consumer} completes, { @link List<UpgradeHistory>.Builder#build()} is called immediately and its result is passed to { @link List<UpgradeHistory> } a consumer that will call methods on { @link List<UpgradeHistory>.Builder} \n@return Returns a reference to this object so that method calls can be chained together.\n@see upgradeHistories(List<UpgradeHistory>)",
        "deprecated" : false,
        "documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>"
},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeHistories",
"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>
@param upgradeHistories A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.
@return Returns a reference to this object so that method calls can be chained together.
@see upgradeHistories(List<UpgradeHistory>)",
        "fluentSetterMethodName" : "upgradeHistories",
        "getterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.\n@return A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object."
},
"getterModel" : {
    "returnType" : "java.util.List<UpgradeHistory>",
    "documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeHistories",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeHistories",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link UpgradeHistory.Builder} avoiding the need to create one manually via { @link UpgradeHistory#builder()}. When the { @link Consumer} completes, { @link UpgradeHistory.Builder#build()} is called immediately and its result is passed to { @link #member(UpgradeHistory)}. \n\n@ see #member(UpgradeHistory)),
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.\n\n@ see #member(UpgradeHistory)",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@ see #member(UpgradeHistory)",
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeHistories",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeHistories",
    "uri" : false,
  }
}
"getterModel": {
  "returnType": "UpgradeHistory",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "UpgradeHistory",
  "variableName": "member",
  "variableType": "UpgradeHistory",
  "documentation": null,
  "simpleType": "UpgradeHistory",
  "variableSetterType": "UpgradeHistory"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "UpgradeHistory",
  "variableName": "member",
  "variableType": "UpgradeHistory",
  "documentation": "",
  "simpleType": "UpgradeHistory"}
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via @link String#builder().

When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #nextToken(String).

@returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)"

"deprecated" : false,
"documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)",
"getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",

"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",

"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
}]

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetUpgradeHistoryResponse",
"simpleMethod" : false,

"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

"variable" : {
  "variableDeclarationType" : "GetUpgradeHistoryResponse",
  "variableName" : "getUpgradeHistoryResponse",
  "variableType" : "GetUpgradeHistoryResponse",
  "documentation" : null,
  "simpleType" : "GetUpgradeHistoryResponse",
  "variableSetterType" : "GetUpgradeHistoryResponse"
},

"wrapper" : false}
"GetUpgradeStatusRequest" : {
"c2jName" : "GetUpgradeStatusRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "Container for request parameters to \code <a>GetUpgradeStatus</a> \endcode operation. \</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "GetUpgradeStatus",
"locationName" : null,
"requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/status",
"target" : null,
"verb" : "GET",
"xmlnsNameSpaceUri" : null
},
"members" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\nThis is a convenience that creates an instance of the [\link String\Builder] avoiding the need to create one manually via [\link String\Builder\build()].\nWhen the [\link Consumer] completes, [\link String\Builder\build()] is called immediately and its result is passed to [\link \#domainName(String)].\n@\param domainName a consumer that will call methods on [\link String\Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see \#domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@return The value of the DomainName property for this object."

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object."

"setterMethodId" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}.
"simple" : true,
null

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNamespaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String.Builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #domainName(String)}. @param domainName a consumer that will call methods on {link String.Builder} @return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "Returns the value of the DomainName property for this object.
@return The value of the DomainName property for this object.
",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
    },
"isStreaming": false,
"location": "uri",
"marshallLocation": "PATH",
"marshallLocationName": "DomainName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainName",
"uri": true
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "Sets the value of the DomainName property for this object."
@param domainName The new value for the DomainName property for this object.

setterMethodName": "setDomainName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "domainName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
}
,"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "domainName",
"variableType": "String",
"documentation": "",
"simpleType": "String",
"variableSetterType": "String"
}
},
"xmlNameSpaceUri": null
}]
"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getDomainName",
"beanStyleSetterMethodName": "setDomainName",
"c2jName": "DomainName",
"c2jShape": "DomainName",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the DomainName property for this
object is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create
one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.\n\n@param domainName a consumer that will call methods on \{@link String.Builder\}\n\n@return Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.\n\n@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@return The value of
the DomainName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "GetUpgradeStatusRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "GetUpgradeStatusRequest",
  "variableName" : "getUpgradeStatusRequest",
  "variableType" : "GetUpgradeStatusRequest",
  "documentation" : null,
  "simpleType" : "GetUpgradeStatusRequest",
  "variableSetterType" : "GetUpgradeStatusRequest"
},
"wrapper" : false,
"GetUpgradeStatusResponse" : {
  "c2jName" : "GetUpgradeStatusResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}
"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> 
when the service returns an enum value that is not available in the current SDK version, [@link upgradeStep] will return [@link UpgradeStep#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link upgradeStepAsString(String)]. </p>

If the service returns an enum value that is not available in the current SDK version, [@link upgradeStep] will return [@link UpgradeStep#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link upgradeStepAsString(String)].

"hasClassMember" : false,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStreamingMember" : false,
"hasStatusCodeMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> 
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link upgradeStepAsString(String)].

@see #upgradeStepAsString(String)

@see #upgradeStep
".
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> 
@see #upgradeStep
".
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterMethodName" : "upgradeStep",
  "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see UpgradeStep

@see #upgradeStepAsString(String)

@see #upgradeStep
".

"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStepAsString(String)

@see #upgradeStep
".

"getterModel" : {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStepAsString(String)

@see #upgradeStep
".
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> 
@see #upgradeStep
".
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterMethodName" : "upgradeStep",
  "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see UpgradeStep

@see #upgradeStepAsString(String)

@see #upgradeStep
".
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStep
".
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterMethodName" : "upgradeStep",
  "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStep
".
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStep
".
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterMethodName" : "upgradeStep",
  "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStep
".
  "deprecated" : false,
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> 
@see #upgradeStep
".
  "enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
"returnType" : "String",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStep",
"setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: </p>" <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"setterMethodName" : "setUpgradeStep",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "upgradeStep",
 "variableType" : "String",
 "documentation" : null, Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul>
  <li>PreUpgradeCheck</li>
  <li>Snapshot</li>
  <li>Upgrade</li>
</ul>

"simpleType": "String",
"variableSetterType": "String"
}
"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName": "getStepStatusAs_string",
"beanStyleSetterMethodname": "setStepStatus",
"c2jName": "StepStatus",
"c2jShape": "UpgradeStatus",
"defaultConstructorFluentSetterDocumentation": "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. This is a convenience that creates an instance of the <code><a>String.Builder</a></code> avoiding the need to create one manually via <code>@link String.Builder#builder()</code>. When the <code>@link String.Consumer</code> completes, <code>@link String.Builder#build()</code> is called immediately and its result is passed to <code>@link #stepStatusAs_string(String)</code>. Returns a reference to this object so that method calls can be chained together.\n\n@see #stepStatus(String)",
"deprecated": false,
"documentation": "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed.\n\nenumType": "UpgradeStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "stepStatus",
"fluentEnumSetterMethodName": "stepStatus",
"fluentGetterMethodName": "stepStatusAsString",
"fluentSetterDocumentation": "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed.\n\nIf the service returns an enum value that is not available in the current SDK version, \n@link #stepStatus\n\n@see UpgradeStatus\n\n@see UpgradeStatus#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from \n@link #stepStatusAsString\n\n@see UpgradeStatus\n\n@see UpgradeStatus#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from\n\n\ngetmodel": {
  "returnType": "String",
  "documentation": null
One of 4 statuses that a step can go through returned as part of the `<code>\n\n```<a>GetUpgradeStatusResponse</a>```</code> object. The status can take one of the following values: `<ul>` `<li> In Progress</li>` `<li> Succeeded</li>` `<li> Succeeded with Issues</li>` `<li> Failed</li>` `<ul>`

@see UpgradeStatus

```java

```
GetUpgradeStatusResponse object. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed.

```
"simpleType" : "String",
"variableSetterType" : "String"
```

```
"xmlNameSpaceUri" : null
```

```
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly"
```

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#upgradeName(String)] as a consumer that will call methods on [String.Builder].

```
"deprecated" : false,
"documentation" : "A string that describes the update briefly",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethod" : "upgradeName",
"fluentSetterDocumentation" : "A string that describes the update briefly"
```

Returns a reference to this object so that method calls can be chained together.

```
@return Returns a reference to this object so that method calls can be chained together.
```

```
"getterDocumentation" : "A string that describes the update briefly",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
}
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "statusMessage" : false,
  "variableSetterType" : "String"
}
```

```
"simpleType" : "String",
"variableSetterType" : "String"
```

```
"xmlNameSpaceUri" : null
```

```
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly"
```

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#upgradeName(String)] as a consumer that will call methods on [String.Builder].

```
@defaultConsumerFluentSetterDocumentation : "A string that describes the update briefly"
```

Returns a reference to this object so that method calls can be chained together.

```
@return Returns a reference to this object so that method calls can be chained together.
```

```
"deprecated" : false,
"documentation" : "A string that describes the update briefly",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethod" : "upgradeName",
"fluentSetterDocumentation" : "A string that describes the update briefly"
```

Returns a reference to this object so that method calls can be chained together.

```
@fluentSetterMethod : "UpgradeName",
@getterDocumentation : "A string that describes the update briefly"
```

Returns a reference to this object so that method calls can be chained together.

```
@getterModel : {
  "returnType" : "String",
  "documentation" : null
}
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "statusMessage" : false,
  "variableSetterType" : "String"
}
```

```
"simpleType" : "String",
"variableSetterType" : "String"
```

```
"xmlNameSpaceUri" : null
```

```
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly"
```

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#upgradeName(String)] as a consumer that will call methods on [String.Builder].

```
@defaultConsumerFluentSetterDocumentation : "A string that describes the update briefly"
```

Returns a reference to this object so that method calls can be chained together.

```
@return Returns a reference to this object so that method calls can be chained together.
```
"unmarshallLocationName" : "UpgradeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "<p>A string that describes the update briefly</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {
  "StepStatus" : {
    "beanStyleGetterMethodName" : "getStepStatusAsString",
    "beanStyleSetterMethodName" : "setStepStatus",
    "c2jName" : "StepStatus",
    "c2jShape" : "UpgradeStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a></code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String.Builder}].\nWhen the [{@link Consumer}] completes, [{@link String.Builder#build()}] is called immediately and its result is passed to [{@link #stepStatusAsString(String)}].\n@param stepStatus a consumer that will call methods on [{@link String.Builder}]\n@return Returns a reference to this object so that
method calls can be chained together.\n@see stepStatus(String)",
    "deprecated": false,
    "documentation": "<p> One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",
    "enumType": "UpgradeStatus",
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": "stepStatus",
    "fluentEnumSetterMethodName": "stepStatus",
    "fluentGetterMethodName": "stepStatusAsString",
    "fluentSetterDocumentation": "<p> One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",
    "getterDocumentation": "<p> One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",
    "getterModel": {
        "returnType": "String",
        "documentation": null
    },
    "http": {
        "additionalMarshallingPath": null,
        "additionalUnmarshallingPath": null,
        "flattened": false,
        "greedy": false,
        "header": false,
        "isPayload": false,
        "isStreaming": false,
        "location": null,
        "marshallLocation": "PAYLOAD",
        "marshallLocationName": "StepStatus",
        "queryString": false,
        "statusCode": false,
        "unmarshallLocationName": "StepStatus",
        "uri": false
    }
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @param stepStatus One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : "One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"UpgradeName" : {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {@link String#builder()}). When the [@link Consumer] completes, [@link String.Builder#build()]) is called immediately and its result is passed to [@link #upgradeName(String)].
@param upgradeName a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be
chained together.

@see #upgradeName(String),
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string that describes the update briefly\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>\n@return A string that describes the update briefly",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>\n@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeName",
"variableType" : "String",
"documentation" : "<p>A string that describes the update briefly</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpgradeStep" : {
"beanStyleGetterMethodName" : "getUpgradeStepAsString",
"beanStyleSetterMethodName" : "setUpgradeStep",
"c2jName" : "UpgradeStep",
"c2jShape" : "UpgradeStep",
"defaultConsumerFluentSetterDocumentation" : "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

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When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

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When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepAsString(String)].
returns an enum value that is not available in the current SDK version. [@link #upgradeStep] will return [@link UpgradeStep#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #upgradeStepAsString].

@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>

@see UpgradeStep
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStep",
    "variableType" : "String",
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
}

"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getUpgradeStepAsString",
    "beanStyleSetterMethodName" : "setUpgradeStep",
    "c2jName" : "UpgradeStep",
    "c2jShape" : "UpgradeStep",
    "defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link UpgradeStepAsString(String)}. Parameter upgradeStep is a consumer that will call methods on { @link String.Builder} and return Returns a reference to this object so that method calls can be chained together. @see UpgradeStep(String)."
    "deprecated" : false,
    "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
    "enumType" : "UpgradeStep",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "upgradeStep",
    "fluentEnumSetterMethodName" : "upgradeStep",
    "fluentGetterMethodName" : "upgradeStepAsString",
    "fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together. @see UpgradeStep",
    "fluentSetterMethodName" : "upgradeStep",
    "getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
If the service returns an enum value that is not available in the current SDK version, { @link UpgradeStep} will return { @link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link UpgradeStepAsString}. Returns Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> @see UpgradeStep",
    "getterModel" : {
    "returnType" : "String",
    "documentation" : null
}


```json
{
    "http": {
        "additionalMarshallingPath": null,
        "additionalUnmarshallingPath": null,
        "flattened": false,
        "greedy": false,
        "header": false,
        "isPayload": false,
        "isStreaming": false,
        "location": null,
        "marshallLocation": "PAYLOAD",
        "marshallLocationName": "UpgradeStep",
        "queryString": false,
        "statusCode": false,
        "unmarshallLocationName": "UpgradeStep",
        "uri": false
    },
    "idempotencyToken": false,
    "isBinary": false,
    "jsonValue": false,
    "list": false,
    "listModel": null,
    "map": false,
    "mapModel": null,
    "marshallingType": "STRING",
    "name": "UpgradeStep",
    "setterDocumentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
                        <li>PreUpgradeCheck</li>
                        <li>Snapshot</li>
                        <li>Upgrade</li>
                    </ul> </p>
@see UpgradeStep",
    "setterMethodName": "setUpgradeStep",
    "setterModel": {
        "variableDeclarationType": "String",
        "variableName": "upgradeStep",
        "variableType": "String",
        "documentation": null,
        "simpleType": "String",
        "variableSetterType": "String"
    },
    "simple": true,
    "timestampFormat": null,
    "variable": {
        "variableDeclarationType": "String",
        "variableName": "upgradeStep",
        "variableType": "String",
        "documentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
                        <li>PreUpgradeCheck</li>
                        <li>Snapshot</li>
                        <li>Upgrade</li>
                    </ul> </p>
@see UpgradeStep",
        "simpleType": "String",
    }
}
```
"variableSetterType": "String",
},
"xmlNameSpaceUri": null
}, {
  "beanStyleGetterMethodName": "getStepStatusAsString",
  "beanStyleSetterMethodName": "setStepStatus",
  "c2jName": "StepStatus",
  "c2jShape": "UpgradeStatus",
  "defaultValueConsumerFluentSetterDocumentation": "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> <p>This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link stepStatusAsString(String)].
@see #stepStatus a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #stepStatusAsString(String)",
  "deprecated": false,
  "documentation": "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
</p>
"enumType": "UpgradeStatus",
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "stepStatus",
  "fluentEnumSetterMethodName": "stepStatus",
  "fluentGetterMethodName": "stepStatusAsString",
  "fluentSetterDocumentation": "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> <p>
If the service returns an enum value that is not available in the current SDK version, {@link #stepStatus} will return {@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #stepStatusAsString}.
</p>
@return One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> <p>
@see UpgradeStatus
</p>
@see #stepStatusAsString

"fluentSetterMethodName": "stepStatus",
"getterDocumentation": "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> <p>
@see UpgradeStatus
</p>
@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStatus",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StepStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StepStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>
@param stepStatus One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
@see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code> <a>GetUpgradeStatusResponse</a> </code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>"
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link UpgradeName(String)}. Returns a reference to this object so that method calls can be chained together.
@see #upgradeName(String)",
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>
@return A string that describes the update briefly",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeName",
"uri" : false
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeName",
"setterDocumentation": "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName": "setUpgradeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
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"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "GetUpgradeStatusResponse",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "GetUpgradeStatusResponse",
  "variableName": "getUpgradeStatusResponse",
  "variableType": "GetUpgradeStatusResponse",
  "documentation": null,
  "simpleType": "GetUpgradeStatusResponse",
  "isBinary": false,
  "jsonValue": false,
  "list": false,
  "listModel": null,
  "map": false,
  "mapModel": null,
  "marshallingType": "STRING",
  "name": "UpgradeName",
  "setterDocumentation": "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName": "setUpgradeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
]"
"variableSetterType" : "GetUpgradeStatusResponse",
},
"wrapper" : false
],
"InstanceCountLimits" : {
"c2jName" : "InstanceCountLimits",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> InstanceCountLimits represents the limits on number of instances that be created in Amazon Elasticsearch for given InstanceType. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,
"members" : [

"beanStyleGetterMethodName" : "getMinimumInstanceCount",
"beanStyleSetterMethodName" : "setMinimumInstanceCount",
"c2jName" : "MinimumInstanceCount",
"c2jShape" : "MinimumInstanceCount",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object. This is a convenience that creates an instance of the [Integer.Builder] avoiding the need to create one manually via [Integer#builder()]. When the [Consumer] completes, [Integer.Builder#build()] is called immediately and its result is passed to [minimumInstanceCount(Integer)].

@see #minimumInstanceCount(Integer)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "minimumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this
object.

@param minimumInstanceCount The new value for the MinimumInstanceCount property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "minimumInstanceCount",
"getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.

The value of the MinimumInstanceCount property for this object."

"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "MinimumInstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "MinimumInstanceCount",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MinimumInstanceCount",
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.

The new value for the MinimumInstanceCount property for this object.",

"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "minimumInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {

"variableDeclarationType" : "Integer",
"variableName" : "minimumInstanceCount",
"variableType" : "Integer",
"documentation" : "",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
],

"beanStyleGetterMethodName" : "getMaximumInstanceCount",
"beanStyleSetterMethodName" : "setMaximumInstanceCount",
"c2jName" : "MaximumInstanceCount",
"c2jShape" : "MaximumInstanceCount",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object. This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()]. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link MaximumInstanceCount(Integer)].

@deprecated
@see #maximumInstanceCount(Integer)
@param maximumInstanceCount a consumer that will call methods on
@return Returns a reference to this object so that method calls can be chained together.

@see #maximumInstanceCount
@parameter maximumInstanceCount
@type Integer
@returns

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maximumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object. The new value for the MaximumInstanceCount property for this object. Returns a reference to this object so that method calls can be chained together.

@returns

@see #maximumInstanceCount
@returns

"getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.

@returns

@see #maximumInstanceCount
@returns

"getterModel" : {
"returnType" : "Integer",
"documentation" : null
}
,"http" : {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : null,
"marshallType" : null,
"name" : "MaximumInstanceCount",
"payloadLocation" : null,
"payloadName" : null,
"required" : null,
"requestLocation" : null,
"responseLocation" : null,
"serviceName" : null,
"serviceType" : null,
"xmlNameSpaceUri" : null
}
"marshallLocationName" : "MaximumInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "MaximumInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.

@param
maximumInstanceCount The new value for the MaximumInstanceCount property for this object.

setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : 
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
,"xmlNameSpaceUri" : null
}
],
"membersAsMap" : {
  "MaximumInstanceCount" : {
    "beanStyleGetterMethodName" : "getMaximumInstanceCount",
    "beanStyleSetterMethodName" : "setMaximumInstanceCount",
    "c2jName" : "MaximumInstanceCount",
    "c2jShape" : "MaximumInstanceCount",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.

This is a convenience that creates an instance of the \{@link Integer.Builder\} avoiding the need to create one manually via \{@link Integer.Builder()\}.

When the \{@link Consumer\} completes, \{@link Integer.Builder#build()\} is called immediately and its result is passed to \{@link
@param maximumInstanceCount a consumer that will call methods on
{@link Integer.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #maximumInstanceCount(Integer)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maximumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.
@returns a reference to this object so that method calls can be chained
together."
"fluentSetterMethodName" : "maximumInstanceCount",
"getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.
@returns The value of the MaximumInstanceCount property for this object."
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "MaximumInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "MaximumInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.
@returns The new value for the MaximumInstanceCount property for this
object."
"setterModel" : {}
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"MinimumInstanceCount" : {
  "beanStyleGetterMethodName" : "getMinimumInstanceCount",
  "beanStyleSetterMethodName" : "setMinimumInstanceCount",
  "c2jName" : "MinimumInstanceCount",
  "c2jShape" : "MinimumInstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}.\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link Integer.Builder#minimumInstanceCount(Integer)}.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #minimumInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "minimumInstanceCount",
  "fluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "getterMethodName" : "minimumInstanceCount",
  "getterDocumentation" : "Returns the value of the MinimumInstanceCount property for this object.\nThe value of the MinimumInstanceCount property for this object.",
  "getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "MinimumInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "MinimumInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MinimumInstanceCount",
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.

@minun@param
minimumInstanceCount The new value for the MinimumInstanceCount property for this object.
",
"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
"minimumInstanceCount": {  
  "beanStyleGetterMethodName": "getMinimumInstanceCount",  
  "beanStyleSetterMethodName": "setMinimumInstanceCount",  
  "c2jName": "MinimumInstanceCount",  
  "c2jShape": "MinimumInstanceCount",  
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the MinimumInstanceCount property for this object. This is a convenience that creates an instance of the [link Integer.Builder] avoiding the need to create one manually via [link Integer#builder()]. When the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link #minimumInstanceCount(Integer)].\n@param minimumInstanceCount a consumer that will call methods on [link Integer.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #minimumInstanceCount(Integer)",  
  "deprecated": false,  
  "documentation": "",  
  "enumType": null,  
  "eventHeader": false,  
  "eventPayload": false,  
  "fluentEnumGetterMethodName": null,  
  "fluentEnumSetterMethodName": null,  
  "fluentGetterMethodName": "minimumInstanceCount",  
  "fluentSetterDocumentation": "Sets the value of the MinimumInstanceCount property for this object.\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n",  
  "fluentSetterMethodName": "minimumInstanceCount",  
  "getterDocumentation": "Returns the value of the MinimumInstanceCount property for this object.\n",  
  "getterModel": {  
    "returnType": "Integer",  
    "documentation": "null"  
  },  
  "http": {  
    "additionalMarshallingPath": null,  
    "additionalUnmarshallingPath": null,  
    "flattened": false,  
    "greedy": false,  
    "header": false,  
    "isPayload": false,  
    "isStreaming": false,  
    "location": null,  
    "marshallLocation": "PAYLOAD",  
    "marshallLocationName": "MinimumInstanceCount",  
    "queryString": false,  
    "statusCode": false,  
    "unmarshallLocationName": "MinimumInstanceCount",  
  }  
}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MinimumInstanceCount",
"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.\n\n@param minimumInstanceCount The new value for the MinimumInstanceCount property for this object.",
"setterMethodName" : "setMinimumInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "minimumInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getMaximumInstanceCount",
"beanStyleSetterMethodName" : "setMaximumInstanceCount",
"c2jName" : "MaximumInstanceCount",
"c2jShape" : "MaximumInstanceCount",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n\nThis is a convenience that creates an instance of the \n{@link Integer.Builder} avoiding the need to create one manually via \n{@link Integer#builder()}. When the \n{@link Consumer} completes, \n{@link Integer.Builder#build()} is called immediately and its result is passed to \n{@link MaximumInstanceCount\(Integer\).\n\n@deprecated Returns a reference to this object so that method calls can be chained together.\n@see MaximumInstanceCount\(Integer\)",
"deprecated" : false,
"documentation" : "",
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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maximumInstanceCount",
"fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maximumInstanceCount",
"getterDocumentation" : "Returns the value of the MaximumInstanceCount property for this object.\n@return The value of the MaximumInstanceCount property for this object.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "MaximumInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "MaximumInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaximumInstanceCount",
"setterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object.\n@\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object."
"setterMethodName" : "setMaximumInstanceCount",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "maximumInstanceCount",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maximumInstanceCount",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InstanceCountLimits",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : "",
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"wrapper" : false
},
"InstanceLimits" : {
  "c2jName" : "InstanceLimits",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>InstanceLimits represents the list of instance related attributes that are available for given InstanceType. </p>",
  "enums" : null,
  "errorCode" : null,
  "errorName" : null,
  "errorReason" : null,
  "errorType" : null,
  "messages" : null,
  "price" : null,
  "priceCurrency" : null,
  "priceUnit" : null,
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "InstanceLimits",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "InstanceLimits",
    "variableName" : "instanceLimits",
    "variableType" : "InstanceLimits",
    "documentation" : "",
    "simpleType" : "InstanceLimits",
    "variableSetterType" : "InstanceLimits"
  },
  "wrapper" : false
}
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ { 
  "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object. This is a convenience that creates an instance of the [@link InstanceCountLimits.Builder] avoiding the need to create one manually via [@link InstanceCountLimits#builder()]. When the [@link Consumer] completes, [@link InstanceCountLimits.Builder#build()] is called immediately and its result is passed to [@link InstanceCountLimits(InstanceCountLimits)].
  @param instanceCountLimits a consumer that will call methods on [@link InstanceCountLimits.Builder]
  @return Returns a reference to this object so that method calls can be chained together.
  @see #instanceCountLimits(InstanceCountLimits)"
, 
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCountLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object. The new value for the InstanceCountLimits property for this object.
  @return Returns a reference to this object so that method calls can be chained together.
  ,
  "fluentSetterMethodName" : "instanceCountLimits",
  "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.
  @return The value of the InstanceCountLimits property for this object."
, 
  "getterModel" : { 
    "returnType" : "InstanceCountLimits",
    "documentation" : null
  },
  "http" : { 
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
  },
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCountLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCountLimits",
"uri" : false }
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object."
,"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "InstanceCountLimits" : {
    "beanStyleGetterMethodName" : "getInstanceCountLimits",
    "beanStyleSetterMethodName" : "setInstanceCountLimits",
    "c2jName" : "InstanceCountLimits",
    "c2jShape" : "InstanceCountLimits",
    "defaultValueFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\nThis is a convenience that creates an instance of the [@link InstanceCountLimits.Builder] avoiding the need to create one manually via [@link InstanceCountLimits#builder()].\n\nWhen the [@link Consumer]
completes, [@link InstanceCountLimits.Builder#build()](#) is called immediately and its result is passed to [@link instanceCountLimits(InstanceCountLimits)]().

@param instanceCountLimits a consumer that will call methods on

[@link InstanceCountLimits.Builder](#)@return Returns a reference to this object so that method calls can be chained together.@see instanceCountLimits(InstanceCountLimits)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCountLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object."

@param instanceCountLimits The new value for the InstanceCountLimits property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "instanceCountLimits",
"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.

@return The value of the InstanceCountLimits property for this object."

"getterModel" : {
"returnType" : "InstanceCountLimits",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCountLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCountLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object."
instanceCountLimits The new value for the InstanceCountLimits property for this object.

"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null,

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.  

This is a convenience that creates an instance of the [ @link InstanceCountLimits.Builder] avoiding the need to create one manually via [ @link InstanceCountLimits.Builder#builder()].  

When the [ @link Consumer] completes, [ @link InstanceCountLimits.Builder#build()] is called immediately and its result is passed to [ @link InstanceCountLimits.Builder#build()].  

@see InstanceCountLimits(InstanceCountLimits)"
},
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCountLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.  

@see InstanceCountLimits(InstanceCountLimits)"
},
  "getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.  
@see InstanceCountLimits(InstanceCountLimits)"
},
  "xmlNameSpaceUri" : null,
}];
value of the InstanceCountLimits property for this object.

"getterModel" : {
  "returnType" : "InstanceCountLimits",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCountLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCountLimits",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object."

@param instanceCountLimits The new value for the InstanceCountLimits property for this object.

"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : "",
}
"simpleType" : "InstanceCountLimits",
"variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InstanceLimits",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "InstanceLimits",
"variableName" : "instanceLimits",
"variableType" : "InstanceLimits",
"documentation" : null,
"simpleType" : "InstanceLimits",
"variableSetterType" : "InstanceLimits"
},
"wrapper" : false
},
"InternalException" : {
"c2jName" : "InternalException",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"enums" : null,
"errorCode" : "InternalException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 500,
"marshaller" : null,
"marshallers" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InternalException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
    "variableDeclarationType" : "InternalException",
    "variableName" : "internalException",
    "variableType" : "InternalException",
    "documentation" : null,
    "simpleType" : "InternalException",
    "variableSetterType" : "InternalException"
},
"wrapper" : false
},
"InvalidTypeException" : {
    "c2jName" : "InvalidTypeException",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409.<p>",
    "enums" : null,
    "errorCode" : "InvalidTypeException",
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : 409,
    "marshaller" : null,
    "members" : [ ],
    "membersAsMap" : { },
    "nonStreamingMembers" : [ ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : null,
    "shapeName" : "InvalidTypeException",}
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "InvalidTypeException",
  "variableName" : "invalidTypeException",
  "variableType" : "InvalidTypeException",
  "documentation" : null,
  "simpleType" : "InvalidTypeException",
  "variableSetterType" : "InvalidTypeException"
},
"wrapper" : false
},
"LimitExceededException" : {
  "c2jName" : "LimitExceededException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
  "enums" : null,
  "errorCode" : "LimitExceededException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "LimitExceededException",
  "simpleMethod" : false,
  "unmarshaller" : null,
  "variable" : {
    "variableDeclarationType" : "LimitExceededException",
    "variableName" : "limitExceededException",
    "variableType" : "LimitExceededException"
"documentation": null,
"simpleType": "LimitExceededException",
"variableSetterType": "LimitExceededException"
},
"wrapper": false
},
"Limits": {
"c2jName": "Limits",
"customization": {
  "artificialResultWrapper": null,
  "skipGeneratingMarshaller": false,
  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Limits for given InstanceType and for each of it's role. <br/>Limits contains following
<code><a>StorageTypes</a>,
</code><code><a>InstanceLimits</a>
</code> and <code><a>AdditionalLimits</a>
</code></p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [ {
  "beanStyleGetterMethodName": "getStorageTypes",
  "beanStyleSetterMethodName": "setStorageTypes",
  "c2jName": "StorageTypes",
  "c2jShape": "StorageTypeList",
  "defaultConsumerFluentSetterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. <br/>This is a convenience that creates an instance of the
{@link List<StorageType>.Builder} avoiding the need to create one manually via
{@link List<StorageType>#builder()}. When the {@link Consumer} completes, the
{@link List<StorageType>.Builder#build()} is called immediately and its result is passed to
{@link List<StorageType#storageTypes(List<StorageType>)}.<br/>@param storageTypes a consumer that will call methods on
{@link List<StorageType>.Builder}@return Returns a reference to this object so that method calls can be chained
together.<br/>@see #storageTypes(List<StorageType>)"
},
"deprecated": false,
"documentation": "<p>StorageType represents the list of storage related types and attributes that are available for
given InstanceType. <p>
"enumType": null,
"eventHeader": false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypes",
"fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.\n@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [@link StorageType.Builder} avoiding the need to create one manually via [@link StorageType#builder()}.\n\nWhen the [@link Consumer} completes, [@link}
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StorageType.Builder#build()} is called immediately and its result is passed to { @link 
#member(StorageType)}.\n@param member a consumer that will call methods on { @link 
StorageType.Builder}\n@returns Returns a reference to this object so that method calls can be chained 
together.\n@see #member(StorageType)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.\n@returns Returns a reference to this object so that method calls can be chained 
together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "StorageType",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new
value for the Member property for this object.

setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
}
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.">
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : null,
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
}
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : "StorageType represents the list of storage related types and attributes that are available for given InstanceType. <p>
"simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>",
}
},
"xmlNameSpaceUri" : null
"beanStyleGetterMethodName" : "getInstanceLimits",
"beanStyleSetterMethodName" : "setInstanceLimits",
"c2jName" : "InstanceLimits",
"c2jShape" : "InstanceLimits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThis is a convenience that creates an instance of the [@link InstanceLimits.Builder] avoiding the need to create one manually via [@link InstanceLimits#builder()].\n\nWhen the [@link Consumer] completes, [@link InstanceLimits.Builder#build()] is called immediately and its result is passed to [@link InstanceLimits(InstanceLimits)].\n\n@param instanceLimits a consumer that will call methods on [@link InstanceLimits.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #instanceLimits(InstanceLimits)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThe new value for the InstanceLimits property for this object.\n\n@param instanceLimits The new value for the InstanceLimits property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceLimits",
"getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n\n@return The value of the InstanceLimits property for this object.",
"getterModel" : {
  "returnType" : "InstanceLimits",
  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n@param instanceLimits The new value for the InstanceLimits property for this object.\n\n\nsetterMethodName" : "setInstanceLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : "",
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getAdditionalLimits",
  "beanStyleSetterMethodName" : "setAdditionalLimits",
  "c2jName" : "AdditionalLimits",
  "c2jShape" : "AdditionalLimitList",
  "defaultConsumerFluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>\nThis is a convenience that creates an
instance of the {link List<AdditionalLimit>.Builder} avoiding the need to create one manually via {code}@link List<AdditionalLimit>#builder().\n\nWhen the {link Consumer} completes, {code}@link List<AdditionalLimit>#builder().build()} is called immediately and its result is passed to {code}@link List<AdditionalLimit>.Builder#build()}.

When the {link Consumer} completes, {code}@link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to {code}@link List<AdditionalLimit>.Builder#build()}.\n\n@param additionalLimits a consumer that will call methods on {code}@link List<AdditionalLimit>.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #additionalLimits(List<AdditionalLimit>)",
"deprecated" : false,
"documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "additionalLimits",
"fluentSetterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>
@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "additionalLimits",
"getDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
"getterModel" : {
"returnType" : "java.util.List<AdditionalLimit>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdditionalLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "AdditionalLimit",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the AdditionalLimit.Builder avoiding the need to create one manually via AdditionalLimit.Builder().
When the Consumer completes, AdditionalLimit.Builder#build() is called immediately and its result is passed to AdditionalLimit()

@defaultConsumerFluentSetterDocumentation Member parameter a consumer that will call methods on AdditionalLimit.Builder()

@return Returns a reference to this object so that method calls can be chained together.

@see #member(AdditionalLimit)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@getSetterMethodName Member parameter member

@getSetterDocumentation Returns the value of the Member property for this object.

@return The value of the Member property for this object.

@getterModel {
  "returnType" : "AdditionalLimit",
  "documentation" : null
}

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "AdditionalLimit",
 "variableName" : "member",
 "variableType" : "AdditionalLimit",
 "documentation" : null,
 "simpleType" : "AdditionalLimit",
 "variableSetterType" : "AdditionalLimit"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"setterDocumentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of
it's `<code>` `<a>` InstanceRole`</a>` `<code>`.

`@param additionalLimits` List of additional limits that are specific to a given InstanceType and for each of it's `<code>` `<a>` InstanceRole`</a>` `<code>`.

```
setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : `<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a> InstanceRole </a> </code> . </p>`
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {
  "AdditionalLimits" : {
    "beanStyleGetterMethodName" : "getAdditionalLimits",
    "beanStyleSetterMethodName" : "setAdditionalLimits",
    "c2jName" : "AdditionalLimits",
    "c2jShape" : "AdditionalLimitList",
    "defaultConsumerFluentSetterDocumentation" : `<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a> InstanceRole </a> </code> . </p> This is a convenience that creates an instance of the { @link List<AdditionalLimit>.Builder} avoiding the need to create one manually via { @link List<AdditionalLimit>#builder()}.

When the { @link Consumer} completes, { @link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link #additionalLimits(List<AdditionalLimit>)}.

@see #additionalLimits(List<AdditionalLimit>)
"",
"deprecated" : false,
"documentation" : `<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a> InstanceRole </a> </code> . </p>"",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "additionalLimits",
"fluentSetterDocumentation" : `<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a> InstanceRole </a> </code> . </p>`
}].
```
each of its `InstanceRole`.

@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of its `InstanceRole`.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName": "additionalLimits",
"getterDocumentation": "List of additional limits that are specific to a given InstanceType and for each of its `InstanceRole`.

Attempts to modify the collection returned by this method will result in a UnsupportedOperationException.

@return List of additional limits that are specific to a given InstanceType and for each of its `InstanceRole`.

"getterModel": {
  "returnType": "java.util.List<AdditionalLimit>",
  "documentation": null
},
"http": {
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  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "AdditionalLimits",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "AdditionalLimits",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "AdditionalLimit",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the AdditionalLimit.Builder avoiding the need to create one manually via AdditionalLimit.Builder#build(). When the Consumer completes, AdditionalLimit.Builder#build() is called immediately and its result is passed to AdditionalLimit.Builder#build(). Returns a reference to this object so that method calls can be chained together."
  }
},
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel": {
  "returnType": "AdditionalLimit",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
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"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "AdditionalLimit",
  "variableName": "member"
"variableType": "AdditionalLimit",
"documentation": null,
"simpleType": "AdditionalLimit",
"variableSetterType": "AdditionalLimit"
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"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "AdditionalLimit",
  "variableName": "member",
  "variableType": "AdditionalLimit",
  "documentation": "",
  "simpleType": "AdditionalLimit",
  "variableSetterType": "AdditionalLimit"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "AdditionalLimit",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "AdditionalLimit",
"templateImplType": "java.util.ArrayList<AdditionalLimit>",
"templateType": "java.util.List<AdditionalLimit>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "AdditionalLimits",
"setterDocumentation": "<p> List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .
  
  @param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .",
"setterMethodName": "setAdditionalLimits",
"setterModel": {
  "variableDeclarationType": "java.util.List<AdditionalLimit>",
  "variableName": "additionalLimits",
  "variableType": "java.util.List<AdditionalLimit>",
  "documentation": null,
  "simpleType": "List<AdditionalLimit>",
  "variableSetterType": "java.util.Collection<AdditionalLimit>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<AdditionalLimit>",
  "variableName": "additionalLimits",
  "variableType": "java.util.List<AdditionalLimit>",
  "documentation": null,
  "simpleType": "List<AdditionalLimit>",
  "variableSetterType": "java.util Collection<AdditionalLimit>"
}
"variableType" : "java.util.List<AdditionalLimit>",
"documentation" : "List of additional limits that are specific to a given InstanceType and for each of it's
<code> <a>InstanceRole</a> </code> . 
"simpleType" : "List<AdditionalLimit>",
"variableSetterType" : "java.util.Collection<AdditionalLimit>
",
"xmlNameSpaceUri" : null
",
"InstanceLimits" : {
"beanStyleGetterMethodName" : "getInstanceLimits",
"beanStyleSetterMethodName" : "setInstanceLimits",
"c2jName" : "InstanceLimits",
"c2jShape" : "InstanceLimits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this
object.\nThis is a convenience that creates an instance of the [ @link InstanceLimits.Builder] avoiding the need to
create one manually via [ @link InstanceLimits#builder()].\nWhen the [ @link Consumer] completes, [ @link
InstanceLimits.Builder#build()] is called immediately and its result is passed to [ @link
#instanceLimits(InstanceLimits)].\n@see #instanceLimits(InstanceLimits),
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@see #instanceLimits(InstanceLimits)",
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",}
"marshallLocationName" : "InstanceLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param instanceLimits The new value for the InstanceLimits property for this object.",
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : "",
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"xmlNameSpaceUri" : null
},
"StorageTypes" : {
  "beanStyleGetterMethodName" : "getStorageTypes",
  "beanStyleSetterMethodName" : "setStorageTypes",
  "c2jName" : "StorageTypes",
  "c2jShape" : "StorageTypeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types
and attributes that are available for given InstanceType. </p>\nThis is a convenience that creates an instance of the
{@link List<StorageType>.Builder} avoiding the need to create one manually via
{@link List<StorageType>#builder()}.\n\nWhen the {@link Consumer} completes, {@link List<StorageType>.Builder#build()} is called immediately and its result is passed to

#storageTypes(List<StorageType>)\n@param storageTypes a consumer that will call methods on { @link List<StorageType>.Builder }\n@returns a reference to this object so that method calls can be chained together.\n@see #storageTypes(List<StorageType>)
"deprecated" : false,
"documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypes",
"fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.\n@returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType.\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.\n"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
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  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List"
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "StorageType",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link StorageType.Builder \} avoiding the need to create one manually via \{ @link StorageType#builder() \}. When the \{ @link Consumer \} completes, \{ @link StorageType.Builder#build() \} is called immediately and its result is passed to \{ @link #member(StorageType) \}.\n  @param member a consumer that will call methods on \{ @link StorageType.Builder \}\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #member(StorageType)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n  @param member The new value for the Member property for this object.\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #member(StorageType)",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n  @return The value of the Member property for this object.\n  @see #member(StorageType)",
  "getterModel" : {
    "returnType" : "StorageType",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : "",
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. \n\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.";
"setterMethodName" : "setStorageTypes"
"setterModel": {
"variableDeclarationType": "java.util.List<StorageType>",
"variableName": "storageTypes",
"variableType": "java.util.List<StorageType>",
"documentation": null,
"simpleType": "List<StorageType>",
"variableSetterType": "java.util.Collection<StorageType>"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<StorageType>",
"variableName": "storageTypes",
"variableType": "java.util.List<StorageType>",
"documentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
"simpleType": "List<StorageType>",
"variableSetterType": "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri": null
}

"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getStorageTypes",
"beanStyleSetterMethodName": "setStorageTypes",
"c2jName": "StorageTypes",
"c2jShape": "StorageTypeList",
"defaultConsumerFluentSetterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
This is a convenience that creates an instance of the List<StorageType.Builder> avoiding the need to create one manually via List<StorageType>#builder(). When the Consumer completes, List<StorageType.Builder>#build() is called immediately and its result is passed to List<StorageType.Builder>.return Returns a reference to this object so that method calls can be chained together.
@param storageTypes a consumer that will call methods on List<StorageType.Builder>
@return Returns a reference to this object so that method calls can be chained together.
"deprecated": false,
"documentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>"
},
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "storageTypes",
"fluentSetterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
@link storageTypes(List<StorageType>)
@see storageTypes(List<StorageType>)
return Returns a reference to this object so that method calls can be chained together.
return Returns a reference to this object so that method calls can be chained together."
"getterSetterMethodName" : "storageTypes",
"getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>

@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.,

"getterModel" : {
  "returnType" : "java.util.List<StorageType>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypes",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypes",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [StorageType.Builder] avoiding the need to create one manually via [StorageType.Builder#build()]. When the [StorageType.Consumer] completes, [StorageType.Builder#build()] is called immediately and its result is passed to [StorageType.Builder#param member a consumer that will call methods on [StorageType.Builder]@return Returns a reference to this object so that method calls can be chained together.]
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventTypeHeader" : false,
    "isBinary" : false,
    "list" : true,
    "listModel" : {
      "implType" : "java.util.ArrayList",
      "interfaceType" : "java.util.List",
      "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "StorageType",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [StorageType.Builder] avoiding the need to create one manually via [StorageType.Builder#build()]. When the [StorageType.Consumer] completes, [StorageType.Builder#build()] is called immediately and its result is passed to [StorageType.Builder#param member a consumer that will call methods on [StorageType.Builder]@return Returns a reference to this object so that method calls can be chained together.]
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventTypeHeader" : false,
    "isBinary" : false,
    "list" : true,
    "listModel" : {
      "implType" : "java.util.ArrayList",
      "interfaceType" : "java.util.List",
      "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "StorageType",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [StorageType.Builder] avoiding the need to create one manually via [StorageType.Builder#build()]. When the [StorageType.Consumer] completes, [StorageType.Builder#build()] is called immediately and its result is passed to [StorageType.Builder#param member a consumer that will call methods on [StorageType.Builder]@return Returns a reference to this object so that method calls can be chained together.]
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object.",
"getterModel" : {
   "returnType" : "StorageType",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "StorageType",
   "variableName" : "member",
   "variableType" : "StorageType",
   "documentation" : null,
   "simpleType" : "StorageType"
"variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : "",
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"xmlNameSpaceUri" : null
},

"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>
},
"map" : false,
"mapModel" : null,

"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "\n<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>\n@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType."
, 
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : null,
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : "\n<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>"
"simpleType" : "List<StorageType>",
"variableSetterType" : "java.util.Collection<StorageType>
",
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getInstanceLimits",
"beanStyleSetterMethodName" : "setInstanceLimits",
"c2jName" : "InstanceLimits",
"c2jShape" : "InstanceLimits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThis is a convenience that creates an instance of the [InstanceLimits.Builder] avoiding the need to create one manually via [InstanceLimits.builder()].\n\nWhen the [Consumer] completes, [InstanceLimits.Builder#build()] is called immediately and its result is passed to [InstanceLimits(InstanceLimits)].\n\n@see #instanceLimits(InstanceLimits)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThe new value for the InstanceLimits property for this object.\n\n@see #instanceLimits(InstanceLimits)",
"getterDocumentation" : "Returns a reference to this object so that method calls can be chained together.\n\n@see #instanceLimits(InstanceLimits)",
"getterModel" : {
"returnType" : "InstanceLimits",
"documentation" : null
}
,"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceLimits",
"queryString" : false,
"statusCode" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceLimits",
"unmarshallLocationName" : "InstanceLimits"}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.

@param instanceLimits The new value for the InstanceLimits property for this object."
                    ,
"setterMethodName" : "setInstanceLimits",
"setterModel" : {
    "variableDeclarationType" : "InstanceLimits",
    "variableName" : "instanceLimits",
    "variableType" : "InstanceLimits",
    "documentation" : null,
    "simpleType" : "InstanceLimits",
    "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "InstanceLimits",
    "variableName" : "instanceLimits",
    "variableType" : "InstanceLimits",
    "documentation" : "",
    "simpleType" : "InstanceLimits",
    "variableSetterType" : "InstanceLimits"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getAdditionalLimits",
"beanStyleSetterMethodName" : "setAdditionalLimits",
"c2jName" : "AdditionalLimits",
"c2jShape" : "AdditionalLimitList",
"defaultConsumerFluentSetterDocumentation" : "List of additional limits that are specific to a given
InstanceType and for each of it's <code><a>InstanceRole</a></code>.
This is a convenience that creates an
instance of the { @link List<AdditionalLimit>.Builder} avoiding the need to create one manually via { @link
List<AdditionalLimit>#builder()}. When the { @link Consumer} completes, { @link
List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to { @link
#addDitionalLimit(List<AdditionalLimit>)}. a consumer that will call methods on
{ @link List<AdditionalLimit>.Builder} a reference to this object so that method calls can be
chained together. Returns a reference to this object so that method calls can be
chained together.

"deprecated" : false,
"documentation" : "List of additional limits that are specific to a given InstanceType and for each of it's
"additionalLimits" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "additionalLimits",
"fluentSetterDocumentation" : "List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

@returns Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "additionalLimits",
"getterDocumentation" : "List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@returns List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.
",
"getterModel" : {
  "returnType" : "java.util.List<AdditionalLimit>",
  "documentation" : null
 },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayLoad" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdditionalLimits",
  " queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdditionalLimits",
  "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "AdditionalLimit"
  }
}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the {@link AdditionalLimit.Builder} avoiding the need to create one manually via {@link AdditionalLimit#builder()}. When the {@link Consumer} completes, {@link AdditionalLimit.Builder#build()} is called immediately and its result is passed to {@link #member(AdditionalLimit)}.  

@see #member(AdditionalLimit)"

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member a consumer that will call methods on {@link AdditionalLimit.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #member(AdditionalLimit)",

"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",

"getterModel" : {
  "returnType" : "AdditionalLimit",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"xmlnsSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"setterDocumentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt; \&lt;/code&gt; .</p>
\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt; \&lt;/code&gt; .",
"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
"simpleType" : "List<AdditionalLimit>",
"variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<AdditionalLimit>",
"variableName" : "additionalLimits",
"variableType" : "java.util.List<AdditionalLimit>",
"documentation" : "<p> List of additional limits that are specific to a given InstanceType and for each of it's<br><code><a>InstanceRole</a></code>. </p>",
"simpleType" : "List<AdditionalLimit>",
"variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"xmlnsNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "Limits",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "limits",
"variableType" : "Limits",
"documentation" : null,
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"wrapper" : false
},
"ListDomainNamesRequest" : {
"c2jName" : "ListDomainNamesRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "ListDomainNames",
  "locationName" : null,
  "requestUri" : "/2015-01-01/domain",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null
},
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListDomainNamesRequest",
  "variableName" : "listDomainNamesRequest",
  "variableType" : "ListDomainNamesRequest",
  "documentation" : null,
  "simpleType" : "ListDomainNamesRequest",
  "variableSetterType" : "ListDomainNamesRequest"
},
"wrapper" : false
},
"ListDomainNamesResponse" : {
  "c2jName" : "ListDomainNamesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all
Elasticsearch domains owned by this account.</p>",
  "enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 

  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainInfoList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>
This is a convenience that creates an instance of the {@link List<DomainInfo>.Builder} avoiding the need to create one manually via {@link List<DomainInfo>#builder()}. When the {@link Consumer} completes, {@link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to {@link #domainNames(List<DomainInfo>)}.

  @param domainNames a consumer that will call methods on {@link List<DomainInfo>.Builder}
  @return Returns a reference to this object so that method calls can be chained together.
  @see #domainNames(List<DomainInfo>)",
  "deprecated" : false,
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainNames",
  "fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>
  @param domainNames List of Elasticsearch domain names.
  @return Returns a reference to this object so that method calls can be chained together.
  
  @param domainNames List of Elasticsearch domain names.
  @return List of Elasticsearch domain names.
  @see #domainNames(List<DomainInfo>)",
  "getterDocumentation" : "<p>List of Elasticsearch domain names.</p>
  @param domainNames List of Elasticsearch domain names.
  @return List of Elasticsearch domain names.
  @see #domainNames(List<DomainInfo>)",
  "getterModel" : {
    "returnType" : "java.util.List<DomainInfo>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the \[@link DomainInfo.Builder\] avoiding the need to create one manually via \[@link DomainInfo#builder()\].
When the \[@link Consumer\] completes, \[@link DomainInfo.Builder#build()\] is called immediately and its result is passed to \[@link DomainInfo.Builder\]\n\n@see \#member(DomainInfo)"
  },
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object.
\n@see \#member(DomainInfo)"
  },
  "returnType" : "DomainInfo",
  "documentation" : null
}
},
"http" : {
  "additionalMarshallingPath" : null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n*param member The new value for the Member property for this object."
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "DomainInfo",
  "variableName": "member",
  "variableType": "DomainInfo",
  "documentation": null,
  "simpleType": "DomainInfo",
  "variableSetterType": "DomainInfo"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "DomainInfo",
  "variableName": "member",
  "variableType": "DomainInfo",
  "documentation": "",
  "simpleType": "DomainInfo",
  "variableSetterType": "DomainInfo"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "DomainInfo"
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>
@param domainNames List of Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>
  "variable" : {
    "variableDeclarationType" : "java.util.List<DomainInfo>",
    "variableName" : "domainNames",
    "variableType" : "java.util.List<DomainInfo>",
    "documentation" : "<p>List of Elasticsearch domain names.</p>
  "simpleType" : "List<DomainInfo>",
    "variableSetterType" : "java.util.Collection<DomainInfo>
  },

  "xmlNameSpaceUri" : null
}
}],
"membersAsMap" : {
  "DomainNames" : {
    "beanStyleGetterMethodName" : "getDomainNames",
    "beanStyleSetterMethodName" : "setDomainNames",
    "c2jName" : "DomainNames",
    "c2jShape" : "DomainInfoList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>
This is a convenience that creates an instance of the {@link List<DomainInfo>.Builder} avoiding the need to create one manually via {@link List<DomainInfo>#builder()}. When the {@link Consumer} completes, {@link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to {@link #domainNames(List<DomainInfo>)}. Returns a reference to this object so that method calls can be chained together.
@see #domainNames(List<DomainInfo>)";

"deprecated": false,
"documentation": "<p>List of Elasticsearch domain names.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainNames",
"fluentSetterDocumentation": "<p>List of Elasticsearch domain names.</p>
@param domainNames List of Elasticsearch domain names.
@return Returns a reference to this object so that method calls can be chained
together.",
"fluentSetterMethodName": "domainNames",
"getterDocumentation": "<p>List of Elasticsearch domain names.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return List of Elasticsearch domain names.",
"getterModel": {
"returnType": "java.util.List<DomainInfo>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainNames",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainNames",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
"beanStyleGetterMethodName": "getMember",
"beanStyleSetterMethodName": "setMember",
"c2jName": "member",
"c2jShape": "DomainInfo",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this
This is a convenience that creates an instance of the `DomainInfo.Builder` avoiding the need to create one manually via `DomainInfo#builder()`. When the `Consumer` completes, `DomainInfo.Builder#build()` is called immediately and its result is passed to `#member(DomainInfo)`.

@see #member(DomainInfo)

@return Returns a reference to this object so that method calls can be chained together.

@deprecated

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@fluentSetterMethodName : "member",

@getterDocumentation : "Returns the value of the Member property for this object.

@return The value of the Member property for this object."
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object."
@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "DomainInfo",
"variableName" : "member",
"variableType" : "DomainInfo",
"documentation" : null,
"simpleType" : "DomainInfo",
"variableSetterType" : "DomainInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "DomainInfo",
"variableName" : "member",
"variableType" : "DomainInfo",
"documentation" : null,
"simpleType" : "DomainInfo",
"variableSetterType" : "DomainInfo"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.\n@param domainNames List of Elasticsearch domain names.\n";
"setterMethodName" : "setDomainNames",
"setterModel" : {
"variableDeclarationType" : "java.util.List<DomainInfo>",
"variableName" : "domainNames",
"variableType" : "java.util.List<DomainInfo>",
"documentation" : null,
"simpleType" : "List<DomainInfo>",
"variableSetterType" : "java.util.Collection<DomainInfo>"
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "<p>List of Elasticsearch domain names.</p>
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNameSpaceUri" : null
",
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainInfoList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>
This is a convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one manually via { @link List<DomainInfo>#builder()}.
When the { @link Consumer} completes, { @link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link List<DomainInfo>#domainNames(List<DomainInfo>)}. a consumer that will call methods on { @link List<DomainInfo>.Builder} returns a reference to this object so that method calls can be chained together.
@see #domainNames(List<DomainInfo>)",
  "deprecated" : false,
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainNames",
  "fluentSetterDocumentation" : "<p>List of Elasticsearch domain names.</p>
@param domainNames List of Elasticsearch domain names.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainNames(List<DomainInfo>)",
  "getterDocumentation" : "<p>List of Elasticsearch domain names.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@returns List of Elasticsearch domain names.
  "getterModel" : {
    "returnType" : "java.util.List<DomainInfo>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "additionalHeader" : null,
    "additionalPayload" : null,
    "additionalResponse" : null,
    "additionalResponseType" : null,
    "additionalResponseType" : null,
    "additionalValidator" : null
  }
}];
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "DomainInfo",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to create one manually via { @link DomainInfo.Builder#build()}, \nWhen the { @link Consumer} completes, { @link DomainInfo.Builder#build()} is called immediately and its result is passed to { @link #member(DomainInfo)}.\n\n@see #member(DomainInfo)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(DomainInfo)",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(DomainInfo)",
"getterModel" : {
"returnType" : "DomainInfo",
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "DomainInfo",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link DomainInfo.Builder} avoiding the need to create one manually via { @link DomainInfo.Builder#build()}, \nWhen the { @link Consumer} completes, { @link DomainInfo.Builder#build()} is called immediately and its result is passed to { @link #member(DomainInfo)}.\n\n@see #member(DomainInfo)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(DomainInfo)",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(DomainInfo)",
"getterModel" : {
"returnType" : "DomainInfo", Open Source Used In Data Center Network Manager 11.5(1) 21561
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "member",
  "variableType" : "DomainInfo",
  "documentation" : null,
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "member",
  "variableType" : "DomainInfo",
  "documentation" : "",
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
}.}
"xmlNameSpaceUri" : null,
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.</p>\n@param domainNames List of Elasticsearch domain names.",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "<p>List of Elasticsearch domain names.</p>",
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesResponse",
"simpleMethod" : false,
"unmarshalller" : {
  "flattened" : false,
  "resultWrapper" : null
}.}
"variable" : {
  "variableDeclarationType" : "ListDomainNamesResponse",
  "variableName" : "listDomainNamesResponse",
  "variableType" : "ListDomainNamesResponse",
  "documentation" : null,
  "simpleType" : "ListDomainNamesResponse",
  "variableSetterType" : "ListDomainNamesResponse"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesRequest" : {
  "c2jName" : "ListElasticsearchInstanceTypesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes</a> operation. </p>
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "ListElasticsearchInstanceTypes",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/instanceTypes/{ElasticsearchVersion}",
    "target" : null,
    "verb" : "GET",
    "xmlnsNameSpaceUri" : null
  },
  "members" : [ {
    "beanStyleGetterMethodName" : "getElasticsearchVersion",
    "beanStyleSetterMethodName" : "setElasticsearchVersion",
    "c2jName" : "ElasticsearchVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported Elasticsearch instance types are needed. </p>
  " This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String#builder()}].

  "When the [{@link

Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #elasticsearchVersion(String)}`.\n\n@see #elasticsearchVersion(String)

```
"deprecated" : false,
"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
@return Returns a reference to this object so that method calls can be chained together.
"",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@return Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed.  
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.  
</p>",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed.  
</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.  
</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link DomainName(String)}.

@return Returns a reference to this object so that method calls can be chained together.
@see DomainName(String)
",
  "deprecated" : false,
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.  
</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. \n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. \n@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.\n</p>",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. \n@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.\n</p>",
"setterMethodName" : "setDomainName"
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this object so that method calls can be chained together.\n","fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
"variableType" : "Integer",
"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.
@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@see #nextToken(String)",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@see #nextToken(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",}
"defaultConsumerFluentSetterDocumentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.

@see #domainName(String)",

deprecated": false,

documentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

"enumType": null,

"eventHeader": false,

"eventPayload": false,

"fluentEnumGetterMethodName": null,

"fluentEnumSetterMethodName": null,

"fluentGetterMethodName": "domainName",

"fluentSetterDocumentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

@see #domainName(String)",

"fluentSetterMethodName": "domainName",

"getterDocumentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

@see #domainName(String)",

"getterModel": { 

"returnType": "String",

"documentation": null
}

"http": {

"additionalMarshallingPath": null,

"additionalUnmarshallingPath": null,

"flattened": false,

"greedy": false,

"header": false,

"isPayload": false,

"isStreaming": false,

"location": "querystring",

"marshallLocation": "QUERY_PARAM",

"marshallLocationName": "domainName",

"queryString": true,

"statusCode": false,

"unmarshallLocationName": "domainName",

"unmarshallLocationName": "domainName",

"unmarshallLocationName": "domainName"}
DomainName represents the name of the Domain that we are trying to modify.
This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. 

```java
@Param

DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.
```

ElasticsearchVersion

```java
@DefaultConsumerFluentSetterDocumentation

Version of Elasticsearch for which list of supported elasticsearch instance types are needed. This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder().
```

When the Consumer completes, String.Builder#build() is called immediately and its result is passed to
#elasticsearchVersion(String).\n@param elasticsearchVersion a consumer that will call methods on { @link String.builder}{\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance
types are needed.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodname" : "elasticsearchVersion",
  "getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance
types are needed. </p>
@return Version of Elasticsearch for which list of supported elasticsearch instance types are
needed. ",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "ElasticsearchVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchVersion",
    "uri" : true
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING"
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed. 
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"MaxResults" : {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}.
@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "setMaxResults",
  "fluentEnumSetterMethodName" : "setMaxResults",
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must
be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. 

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "setMaxResults",
"getterDocumentation" : "&lt;p&gt; Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. &lt;/p&gt;

@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.

getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "&lt;p&gt; Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. &lt;/p&gt;

@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.

setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to the nextToken method of this instance.

When the consumer completes, the result is passed to the method.
@param nextToken a consumer that will call methods on the @link String.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@see #nextToken(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
"additionalUnmarshallingPath": false,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "querystring",
"marshallLocation": "QUERY_PARAM",
"marshallLocationName": "nextToken",
"queryString": true,
"statusCode": false,
"unmarshallLocationName": "nextToken",
"uri": false,

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p><p>@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination."",
"setterMethodName": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>"",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null}
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
database instance types are needed. </p>
This is a convenience that creates an instance of the {@link
String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link 
#elasticsearchVersion(String)}.\n@see
#elasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>Version of Elasticsearch for which list of supported
database instance types are needed. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
database instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported
database instance types are needed.
@return Returns a reference to this object so that method calls can be chained together.
@see
#elasticsearchVersion(String)",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p>Version of Elasticsearch for which list of supported
database instance types are needed. </p>
@return Version of Elasticsearch for which list of supported
database instance types are needed.
"},
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion"}
"uri" : true,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
  @param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
  @param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
  @param domainName a consumer that will call methods on { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}
  @param domainName a consumer that will call methods on { @link String.Builder}.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #domainName(String)",
"deprecated" : false,

"documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "domainName",

"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.
@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "domainName",

"getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain."
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain."
},
"maxLength" : null,
"variableSpaceUri" : null
},
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
@see #maxResults(Integer)
@deprecated "false",
"documentation" : "Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
@enumType "null",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "maxResults",
"fluentSetterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "maxResults",
"getterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
getterModel": {
"returnType": "Integer",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "querystring",
"marshallLocation": "QUERY_PARAM",
"marshallLocationName": "maxResults",
"queryString": true,
"statusCode": false,
"unmarshallLocationName": "maxResults",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "MaxResults",
"setterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
setterMethodName": "setMaxResults",
"setterModel": {
"variableDeclarationType": "Integer",
"variableName": "maxResults",
"variableType": "Integer"
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. <p></p>,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()].

When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #nextToken(String)].

@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
@param nextToken NextToken should be sent in case if
earlier API call produced result containing NextToken. It is used for pagination.

@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
@return NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.

@return Returns a reference to this object so that method calls can be chained together.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
}
"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flattened": false,
   "greedy": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": "querystring",
   "marshallLocation": "QUERY_PARAM",
   "marshallLocationName": "nextToken",
   "queryString": true,
   "statusCode": false,
   "unmarshallLocationName": "nextToken",
   "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p><p>@param nextToken
NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.",
"setterMethodName": "setNextToken",
"setterModel": {
   "variableDeclarationType": "String",
   "variableName": "nextToken",
   "variableType": "String",
   "documentation": null,
   "simpleType": "String",
   "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
   "variableDeclarationType": "String",
   "variableName": "nextToken",
   "variableType": "String",
   "documentation": "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
   "simpleType": "String",
   "variableSetterType": "String"
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ElasticsearchVersion" ],
"shapeName" : "ListElasticsearchInstanceTypesRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
  "variableName" : "listElasticsearchInstanceTypesRequest",
  "variableType" : "ListElasticsearchInstanceTypesRequest",
  "documentation" : null,
  "simpleType" : "ListElasticsearchInstanceTypesRequest",
  "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesResponse" : {
  "c2jName" : "ListElasticsearchInstanceTypesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters returned by <code><a>ListElasticsearchInstanceTypes</a> </code> operation. </p>"
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
    "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
    "c2jName" : "ElasticsearchInstanceTypes",
    "c2jShape" : "ElasticsearchInstanceTypeList",
    "defaultConsumerFluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, the result is passed to the @link #elasticsearchInstanceTypesAsStrings(List<String>) method that will call methods on the @link List<String>.Builder. Returns a reference to this object so that method calls can be chained together.

- **returnType**: `java.util.List<String>

- **documentation**: List of instance types supported by Amazon Elasticsearch service for given `<a>ElasticsearchVersion</a>`.
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMemberAsString",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [ String.Builder ] avoiding the need to create one manually via [ String.Builder() ]. When the [ Consumer ] completes, [ String.Builder#build() ] is called immediately and its result is passed to [ String.Builder() ]. @param member a consumer that will call methods on [ String.Builder ] @return Returns a reference to this object so that method calls can be chained together. @see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : "ESPartitionInstanceType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "member",
    "fluentEnumSetterMethodName" : "member",
    "fluentGetterMethodName" : "memberAsString",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
Returns a reference to this object so that method calls can be chained together.
The new value for the Member property for this object.
@see ESPartitionInstanceType
@return Returns a reference to this object so that method calls can be chained together.
@see ESPartitionInstanceType",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.
If the service returns an enum value that is not available in the current SDK version, [ member ] will return [ ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION ]. The raw value returned by the service is available from [ memberAsString ].
@return The value of the Member property for this object.
@see ESPartitionInstanceType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",
    },
  },
}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@see ESPartitionInstanceType",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given 
<code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt; &lt;/code&gt; &lt;/p&gt;
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given 
&lt;code&gt; &lt;a&gt;ElasticsearchVersion&lt;/a&gt; &lt;/code&gt;",
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given 
&lt;code&gt; &lt;a&gt;ElasticsearchVersion&lt;/a&gt; &lt;/code&gt; &lt;/p&gt;",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. 
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String.Builder()}. 
When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #nextToken(String)}.
@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. 
</p>"},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."

"getterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "NextToken",

"setterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."

"setterMethodName" : "setNextToken",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String"}
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"membersAsMap": {
  "ElasticsearchInstanceTypes": {
    "beanStyleGetterMethodName": "getElasticsearchInstanceTypesAsStrings",
    "beanStyleSetterMethodName": "setElasticsearchInstanceTypesWithStrings",
    "c2jName": "ElasticsearchInstanceTypes",
    "c2jShape": "ElasticsearchInstanceTypeList",
    "defaultConsumerFluentSetterDocumentation": "<p>List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> </p>
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, the builder is called immediately and its result is passed to {@link ElasticsearchInstanceTypesAsStrings(List<String>)}. Returns a reference to this object so that method calls can be chained together.<p>see #elasticsearchInstanceTypesWithStrings(List<String>)",
    "deprecated": false,
    "documentation": "<p>List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
return List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> "
},
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "elasticsearchInstanceTypes",
"fluentEnumSetterMethodName": "elasticsearchInstanceTypes",
"fluentGetterMethodName": "elasticsearchInstanceTypesAsStrings",
"fluentSetterDocumentation": "<p>List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> </p>
@link ElasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code>
"@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethod": "elasticsearchInstanceTypesWithStrings",
"getterDocumentation": "<p>List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
"@return List of instance types supported by Amazon Elasticsearch service for given <code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> "}
Amazon Elasticsearch service for given `<code><a>ElasticsearchVersion</a>`</code>`.

```
"getterModel" : { 
"returnType" : "java.util.List<String>", 
"documentation" : null 
},

"http" : { 
"additionalMarshallingPath" : null, 
"additionalUnmarshallingPath" : null, 
"flattened" : false, 
"greedy" : false, 
"header" : false, 
"isPayload" : false, 
"isStreaming" : false, 
"location" : null, 
"marshallLocation" : "PAYLOAD", 
"marshallLocationName" : "ElasticsearchInstanceTypes", 
"queryString" : false, 
"statusCode" : false, 
"unmarshallLocationName" : "ElasticsearchInstanceTypes", 
"uri" : false 
},

"idempotencyToken" : false, 
"isBinary" : false, 
"jsonValue" : false, 
"list" : true, 
"listModel" : { 
"implType" : "java.util.ArrayList", 
"interfaceType" : "java.util.List", 
"listMemberModel" : { 
"beanStyleGetterMethodName" : "getMemberAsString", 
"beanStyleSetterMethodName" : "setMember", 
"c2jName" : "member", 
"c2jShape" : "ESPartitionInstanceType", 
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, it is called immediately and its result is passed to the method. When the method returns a reference to this object so that method calls can be chained together.\n\n@see #memberAsString(String)", 
"deprecated" : false, 
"documentation" : "", 
"enumType" : "ESPartitionInstanceType", 
"eventHeader" : false, 
"eventPayload" : false, 
"fluentEnumGetterMethodName" : "member", 
"fluentEnumSetterMethodName" : "member", 
"fluentGetterMethodName" : "memberAsString", 
```

```
"deprecating" : false, 
"documentation" : "", 
"enumType" : "ESPartitionInstanceType", 
"eventHeader" : false, 
"eventPayload" : false, 
"fluentEnumGetterMethodName" : "member", 
"fluentEnumSetterMethodName" : "member", 
"fluentGetterMethodName" : "memberAsString", 
```

```
"deprecated" : false, 
"documentation" : "", 
"enumType" : "ESPartitionInstanceType", 
"eventHeader" : false, 
"eventPayload" : false, 
"fluentEnumGetterMethodName" : "member", 
"fluentEnumSetterMethodName" : "member", 
"fluentGetterMethodName" : "memberAsString", 
```

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"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n
@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, \[@link \#member\] will return \[@link ESPartitionInstanceType\#UNKNOWN_TO_SDK_VERSION\]. The raw value returned by the service is available from \[@link \#memberAsString\].</p>\n@return The value of the Member property for this object.\n@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n
@param member
The new value for the Member property for this object.\n@see ESPartitionInstanceType",
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ElasticsearchInstanceTypes",
"setterDocumentation": "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
"setterMethodName": "setElasticsearchInstanceTypesWithStrings",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>",
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List<String>",
  "documentation": "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.",
  "simpleType": "List<String>",
  "variableSetterType": "List<String>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ElasticsearchInstanceTypes",
"setterDocumentation": "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
"setterMethodName": "setElasticsearchInstanceTypesWithStrings",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "List<String>",
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List<String>",
  "documentation": "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
"setterMethodName": "setElasticsearchInstanceTypesWithStrings",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "List<String>",
"simple": false,
"variableSetterType" : "java.util.Collection<String>",
},
"xmlNameSpaceUri" : null
},
"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link NextToken(String)}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link NextToken(String)}.

@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>
@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
"eventPayload" : false,
"getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. </p>
@return In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.
@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
@param nextToken
In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
  "c2jName" : "ElasticsearchInstanceTypes",
  "c2jShape" : "ElasticsearchInstanceTypeList",
"simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMemberAsString",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String.Builder#builder()}]. When the [{@link Consumer}] completes, [{@link String.Builder#build()}] is called immediately and its result is passed to [{@link #memberAsString(String)}].

@see #member(String)"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. @see ESPartitionInstanceType

@see ESPartitionInstanceType"
  }
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "param member a consumer that will call methods on [{@link String.Builder}]\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #member(String)"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. @see ESPartitionInstanceType

@see ESPartitionInstanceType"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. @see ESPartitionInstanceType

@see ESPartitionInstanceType"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. @see ESPartitionInstanceType

@see ESPartitionInstanceType"
  }
},
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@see ESPartitionInstanceType",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
}
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ElasticsearchInstanceTypes",
"setterDocumentation": "<p> List of instance types supported by Amazon Elasticsearch service for given
<code> &lt;a&gt;ElasticsearchVersion&lt;/a&gt; </code> @param elasticsearchInstanceTypes List of instance types
supported by Amazon Elasticsearch service for given <code> &lt;a&gt;ElasticsearchVersion&lt;/a&gt; </code>",
"setterMethodName": "setElasticsearchInstanceTypesWithStrings",
"setterModel": {
  "variableDeclarationType": "java.util.List&lt;String&gt;",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List&lt;String&gt;",
  "documentation": null,
  "simpleType": "List&lt;String&gt;",
  "variableSetterType": "java.util.Collection&lt;String&gt;"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List&lt;String&gt;",
  "variableName": "elasticsearchInstanceTypes",
  "variableType": "java.util.List&lt;String&gt;",
  "documentation": "<p> List of instance types supported by Amazon Elasticsearch service for given <code>
&lt;a&gt;ElasticsearchVersion&lt;/a&gt; </code> </p>",
  "simpleType": "List&lt;String&gt;",
  "variableSetterType": "java.util.Collection&lt;String&gt;"
},
"xmlNameSpaceUri": null
},
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  "beanStyleGetterMethodName": "getNextToken",
  "beanStyleSetterMethodName": "setNextToken",
  "c2jName": "NextToken",
  "c2jShape": "NextToken",
  "defaultConsumerFluentSetterDocumentation": "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one
manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.\n\n@param nextToken a consumer that
will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated": false,
  "documentation": "<p>In case if there are more results available NextToken would be present, make further
request to the same API with received NextToken to paginate remaining results. </p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

@param nextToken In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

@return Returns a reference to this object so that method calls can be chained together.

In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

@return In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.


"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.\</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ListElasticsearchInstanceTypesResponse",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "ListElasticsearchInstanceTypesResponse",
  "variableName": "listElasticsearchInstanceTypesResponse",
  "variableType": "ListElasticsearchInstanceTypesResponse",
  "documentation": null,
  "simpleType": "ListElasticsearchInstanceTypesResponse",
  "variableSetterType": "ListElasticsearchInstanceTypesResponse"
},
"wrapper": false
",
"ListElasticsearchVersionsRequest": {
  "c2jName": "ListElasticsearchVersionsRequest",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Container for the parameters to the \</code> <a>ListElasticsearchVersions</a> \</code>
operation. `<p>` Use `<code>` `<a>MaxResults</a>` `<code>` to control the maximum number of results to retrieve in a single call. `<p>` Use `<code>` `<a>NextToken</a>` `<code>` in response to retrieve more results. If the received response does not contain a NextToken, then there are no more results to retrieve. `<p>`

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"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "ListElasticsearchVersions",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/versions",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null
},
"members" : [
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n<br>This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}.\n<br>When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}.
<br>\n<br>@param maxResults a consumer that will call methods on { @link Integer.Builder} at return Returns a reference to this object so that method calls can be chained together.@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n<br>@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it won't be honored.

@Retention Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored.

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "INTEGER",

"name" : "MaxResults",

"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored. </p>

@Retention Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored.

"setterMethodName" : "setMaxResults",

"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults"}
"variableType" : "Integer",
"documentation" : "&lt;p&gt; Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored. &lt;/p&gt;",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n@param The new value for the NextToken property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n@return The value of the NextToken property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken The new value for the NextToken property for this object.\n"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\nThis is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}.\n@param maxResults a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#maxResults(Integer)

"deprecated" : false,
"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>
@return Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 10 else it won't be honored. </p>
@\param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored.

        "setterMethodName" : "setMaxResults",
        "setterModel" : {
            "variableDeclarationType" : "Integer",
            "variableName" : "maxResults",
            "variableType" : "Integer",
            "documentation" : null,
            "simpleType" : "Integer",
            "variableSetterType" : "Integer"
        },
        "simple" : true,
        "timestampFormat" : null,
        "variable" : {
            "variableDeclarationType" : "Integer",
            "variableName" : "maxResults",
            "variableType" : "Integer",
            "documentation" : "Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored.",
            "simpleType" : "Integer",
            "variableSetterType" : "Integer"
        },
        "xmlNameSpaceUri" : null
    },

    "NextToken" : {
        "beanStyleGetterMethodName" : "getNextToken",
        "beanStyleSetterMethodName" : "setNextToken",
        "c2jName" : "NextToken",
        "c2jShape" : "NextToken",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\nThis is a convenience that creates an instance of the \{\@link String.Builder\} avoiding the need to create one manually via \{\@link String#builder()\}. When the \{\@link Consumer\} completes, \{\@link String.Builder#build()\} is called immediately and its result is passed to \{\@link #nextToken(String)\}.\n\n@\param nextToken a consumer that will call methods on \{\@link String.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
        "deprecated" : false,
        "documentation" : "",
        "enumType" : null,
        "eventHeader" : false,
        "payload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "nextToken",
        "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\nThe new value for the NextToken property for this object.\n\n@\param nextToken The new value for the NextToken property for this object.\n@\return Returns a reference to this object so that method calls can be chained together.",
        "fluentSetterMethodName" : "nextToken",
        "getterDocumentation" : "Returns the value of the NextToken property for this object.\n\n@\return The value of
the NextToken property for this object.

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "nextToken",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "nextToken",
    "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
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"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object.

"setterMethodName" : "setNextToken",

"setterModel" : {
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    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,
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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"}
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"variableSetterType": "String",
},
"xmlNameSpaceUri": null
}
},
"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getMaxResults",
"beanStyleSetterMethodName": "setMaxResults",
"c2jName": "MaxResults",
"c2jShape": "MaxResults",
"defaultConsumerFluentSetterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>
This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link Integer.Builder}.

@param maxResults a consumer that will call methods on { @link Integer.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #maxResults(Integer)",
"deprecated": false,
"documentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "maxResults",
"fluentSetterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>

@see #maxResults(Integer)",
"http": {  
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"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "querystring",  
}
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
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  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"simple" : true,
"timestampFormat" : null,
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  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlnsNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes,
String.Builder#build()} is called immediately and its result is passed to `{@link #nextToken(String)}{@link #nextToken(String)}

@param

nextToken a consumer that will call methods on `{@link String.Builder}`

@return

Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)

The new value for the NextToken property for this object:

@return

Returns a reference to this object so that method calls can be chained together.

@see #nextToken(String)

The new value for the NextToken property for this object:

@return

The value of the NextToken property for this object.

The new value for the NextToken property for this object:

@see #nextToken(String)

The new value for the NextToken property for this object.

@see #nextToken(String)

The new value for the NextToken property for this object.

@see #nextToken(String)

The new value for the NextToken property for this object.

@see #nextToken(String)

The new value for the NextToken property for this object.
"setterMethodName" : "setNextToken",
"setterModel" : {
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    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
    "variableDeclarationType" : "ListElasticsearchVersionsRequest",
    "variableName" : "listElasticsearchVersionsRequest",
    "variableType" : "ListElasticsearchVersionsRequest",
    "documentation" : null,
    "simpleType" : "ListElasticsearchVersionsRequest",
    "variableSetterType" : "ListElasticsearchVersionsRequest"
},
"wrapper" : false
},
"ListElasticsearchVersionsResponse" : {
    "c2jName" : "ListElasticsearchVersionsResponse",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p> Container for the parameters for response received from <code>"
<a>ListElasticsearchVersions</a> operation. 

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"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  
  "beanStyleGetterMethodName" : "getElasticsearchVersions",
  "beanStyleSetterMethodName" : "setElasticsearchVersions",
  "c2jName" : "ElasticsearchVersions",
  "c2jShape" : "ElasticsearchVersionList",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object. This is a convenience that creates an instance of the \{@link List<String>.Builder\} avoiding the need to create one manually via \{@link List<String>#builder()\}. When the \{@link Consumer\} completes, \{@link List<String>#builder()\} is called immediately and its result is passed to \{@link #elasticsearchVersions(List<String>)\}.\n\n@see #elasticsearchVersions(List<String>)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersions",
  "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@see #elasticsearchVersions(List<String>)",
  "fluentSetterMethodName" : "elasticsearchVersions",
  "getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this object.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationExcepiton.\n\n\n@return The value of the ElasticsearchVersions property for this object."
  "getterModel" : { 
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "http" : { 
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
```
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}.\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}\n\n@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(String)"
},
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(String)"
},
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

@param elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
",
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "elasticsearchVersions",
    "variableType" : "java.util.List<String>",
    "documentation" : "",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>
",
    "xmlNameSpaceUri" : null
  },
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create
one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()}

is called immediately and its result is passed to {@link #nextToken(String)}.

@param nextToken a consumer that will call methods on {@link String.Builder}

@see #nextToken(String)",
"deprecated" : false,
"documentation" : ""}
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.
@param nextToken
The new value for the NextToken property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.
@return The value of the NextToken property for this object."
getterModel" : {
"returnType" : "String",
"documentation" : null
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"http" : {
"additionalMarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.
@param nextToken
The new value for the NextToken property for this object.

@returns Returns a reference to this object so that method calls can be chained together."
setterMethodName" : "setNextToken",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
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  "variableName": "nextToken",
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  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}],
"membersAsMap": {
  "ElasticsearchVersions": {
    "beanStyleGetterMethodName": "getElasticsearchVersions",
    "beanStyleSetterMethodName": "setElasticsearchVersions",
    "c2jName": "ElasticsearchVersions",
    "c2jShape": "ElasticsearchVersionList",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the ElasticsearchVersions property for this object.\n\nThis is a convenience that creates an instance of the \n{@link List<String>.Builder} avoiding the need to create one manually via \n{@link List<String>#builder()}.\n\nWhen the \n{@link Consumer} completes, \n{@link List<String>.Builder#build()} is called immediately and its result is passed to \n{@link #elasticsearchVersions(List<String>)}.\n\n@see \n#elasticsearchVersions(List<String>)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "elasticsearchVersions",
    "fluentSetterDocumentation": "Sets the value of the ElasticsearchVersions property for this object.\n\n@param ElasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n\n@returns A reference to this object so that method calls can be chained together."
    "fluentSetterMethodName": "elasticsearchVersions",
    "getterDocumentation": "Returns the value of the ElasticsearchVersions property for this object.\n\n@returns The value of the ElasticsearchVersions property for this object."
    "getterModel": {
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      "documentation": null
    }
  }
}
"http": {
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    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "ElasticsearchVersions",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "ElasticsearchVersions",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
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    "interfaceType": "java.util.List",
    "listMemberModel": {
        "beanStyleGetterMethodName": "getMember",
        "beanStyleSetterMethodName": "setMember",
        "c2jName": "member",
        "c2jShape": "ElasticsearchVersionString",
        "defaultValue": "\n        "documentation": """,
    "enumType": null,
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    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "member",
    "fluentSetterDocumentation": "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [\link String.Builder] avoiding the need to create one manually via \{\link String.Builder\}.\nWhen the \{\link Consumer\} completes, \{\@link String.Builder\#build\} is called immediately and its result is passed to \{\@link #member(String)\}.\n\n@param member a consumer that will call methods on \{\@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
    "deprecate": false,
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    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "member",
    "fluentSetterDocumentation": "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "member",
    "getterDocumentation": "Returns the value of the Member property for this object.\n@return The value of the Member property for this object."}
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,  "setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String"
"variableSetterType": "String",
],
"xmlNameSpaceUri": null
}],
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"}
],
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ElasticsearchVersions",
"setterDocumentation": "Sets the value of the ElasticsearchVersions property for this object.

@param elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName": "setElasticsearchVersions",
"setterModel": {
 "variableDeclarationType": "java.util.List<String>",
 "variableName": "elasticsearchVersions",
 "variableType": "java.util.List<String>",
 "documentation": null,
 "simpleType": "List<String>",
 "variableSetterType": "java.util.Collection<String>",
 },
"simple": false,
"timestampFormat": null,
"variable": {
 "variableDeclarationType": "java.util.List<String>",
 "variableName": "elasticsearchVersions",
 "variableType": "java.util.List<String>",
 "documentation": ",
 "simpleType": "List<String>",
 "variableSetterType": "java.util.Collection<String>",
 },
"xmlNameSpaceUri": null
]
],
"NextToken": {
 "beanStyleGetterMethodName": "getNextToken",
 "beanStyleSetterMethodName": "setNextToken",
 "c2jName": "NextToken",
 "c2jShape": "NextToken",
 "defaultConsumerFluentSetterDocumentation": "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create
one manually via \[
@link String\#builder()\]. 

When the \[
@link Consumer \]
completes, \[
@link String\_Builder\#build() \]
is called immediately and its result is passed to \[
@link \#nextToken(String) \].

@param 
nextToken a consumer that will call methods on \[
@link String\_Builder \]
@returns 
Returns a reference to this object so that method calls can be chained together.

@see \#nextToken(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object."
@returns 
The new value for the NextToken property for this object.
@see 
Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object."
@returns 
The value of the NextToken property for this object.
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "NextToken",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : ".NextToken",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "NextToken",
 "setterDocumentation" : "Sets the value of the NextToken property for this object."
@returns 
The new value for the NextToken property for this object.
@see 
Returns a reference to this object so that method calls can be chained together."
new value for the NextToken property for this object.

setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getElasticsearchVersions",
    "beanStyleSetterMethodName" : "setElasticsearchVersions",
    "c2jName" : "ElasticsearchVersions",
    "c2jShape" : "ElasticsearchVersionList",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

This is a convenience that creates an instance of the \{@link List<String>.Builder\} avoiding the need to
create one manually via \{@link List<String>#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link
List<String>.Builder#build()\} is called immediately and its result is passed to \{@link
ElasticsearchVersions(List<String>)\}.\n@see ElasticsearchVersions a consumer that will call methods on
\{@link List<String>.Builder\}.\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see ElasticsearchVersions(List<String>)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersions",
    "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@see ElasticsearchVersions\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
    "fluentSetterMethodName" : "elasticsearchVersions",
    "getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this

Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The value of the ElasticsearchVersions property for this object.

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.
This is a convenience that creates an instance of the @link String.Builder avoiding the need to create
one manually via @link String#builder()}. When the @link Consumer completes, @link
String.Builder#build() is called immediately and its result is passed to @link #member(String).

@param member a consumer that will call methods on @link String.Builder}

@return Returns a reference to this object so
that method calls can be chained together.

@see #member(String)

"deprecated" : false,

"documentation" : "",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.,
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "member",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
}
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n\n@returns
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken", "Open Source Used In Data Center Network Manager 11.5(1) 21628"
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #nextToken(String)\}.\n\n@returns \n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\n@param nextToken a consumer that will call methods on \{@link String.Builder\}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)"

The new value for the NextToken property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n\n@returns The value of the NextToken property for this object."

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object."
"setterMethodname": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ListElasticsearchVersionsResponse",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "ListElasticsearchVersionsResponse",
  "variableName": "listElasticsearchVersionsResponse",
  "variableType": "ListElasticsearchVersionsResponse",
  "documentation": null,
  "simpleType": "ListElasticsearchVersionsResponse",
  "variableSetterType": "ListElasticsearchVersionsResponse"
},
"wrapper": false
},
"ListTagsRequest": {
  "c2jName": "ListTagsRequest",
  "map": false,
  "mapModel": null,
  "marshallingType": "STRING",
  "name": "NextToken",
  "setterDocumentation": "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object."
"setterMethodname": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
}
Container for the parameters to the <code>ListTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.

```

"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "Container for the parameters to the <code>ListTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached."
```
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : 
  "Specify the <code>ARN</code> for the Elasticsearch domain to which the
tags are attached that you want to view.

@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.

@return Returns a reference to this object so that
method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : 
  "Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.

@return Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "arn",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "arn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : 
  "Specify the <code>ARN</code> for the Elasticsearch domain to which the tags
are attached that you want to view.

@param arn Specify the <code>ARN</code> for the Elasticsearch domain to
which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
"ARN" : {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link arn(String)).
@deprecate" : false,
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view. Returns a reference to this object so that method calls can be chained together.%22,
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
@returns Specified the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.%22,
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "arn",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "arn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n@\nparam arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
}.}
"xmlNameSpaceUri" : null
}
]
,"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, [ @link String.Builder#build()] is called immediately and its result is passed to { @link #arn(String)}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
@para arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.\n\n@return Returns a reference to this object so that method calls can be chained together.\n
@see #arn(String)",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
@para arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.\n\n@return Returns a reference to this object so that method calls can be chained together.\n
@see #arn(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "arn",
    "queryString" : true,
    "statusCode" : true,
    "statusCode" : false,
"unmarshallLocationName" : "arn",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN" ],
"shapeName" : "ListTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListTagsRequest",
  "variableName" : "listTagsRequest",
  "variableType" : "ListTagsRequest",
  "documentation" : null,
}
"simpleType" : "ListTagsRequest",
"variableSetterType" : "ListTagsRequest"
},
"wrapper" : false
],
"ListTagsResponse" : {
"c2jName" : "ListTagsResponse",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
"deprecated" : false,
"documentation" : "The result of a <code>ListTags</code> operation. Contains tags for all requested Elasticsearch domains."
},
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marc.</p>
"mal" : [ ],
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "List of <code>Tag</code> for the requested Elasticsearch domain.\nThis is a convenience that creates an instance of the { @link List&lt;Tag&gt; }.Builder\navoiding the need to create one manually via { @link List&lt;Tag&gt;#builder() }.\nWhen the { @link Consumer\ncompletes, { @link List&lt;Tag&gt;#build() } is called immediately and its result is passed to { @link\n#tagList(List&lt;Tag&gt;) }.\n\n@see #tagList(List&lt;Tag&gt;)
\n\n@return Returns a reference to this object so that method calls can be chained together.\n"\n"deprecated" : false,
"documentation" : "List of <code>Tag</code> for the requested Elasticsearch domain.\n"\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "List of <code>Tag</code> for the requested Elasticsearch
domain.

@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "List of <code>Tag</code> for the requested Elasticsearch domain.

Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@returns List of <code>Tag</code> for the requested Elasticsearch domain.

"getterModel" : {
  "returnType" : "java.util.List<Tag>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the [@link Tag.Builder] avoiding the need to create one
manually via [@link Tag.Builder()].

When the [@link Consumer] completes, [@link Tag.Builder#build()] is
called immediately and its result is passed to [@link #member(Tag)].

@returns a reference to this object so that method calls can be chained
together.

@see #member(Tag)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object."
"getterModel": {
  "returnType": "Tag",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "Tag",
  "variableName": "member",
  "variableType": "Tag",
  "documentation": null,
"simpleType" : "Tag",
"variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p>List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.</p>
@param tagList List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.
",
"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "&lt;p&gt; List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;",
  "simpleType" : "List&lt;Tag&gt;",
  "variableSetterType" : "java.util.Collection&lt;Tag&gt;"
"variableSetterType" : "java.util.Collection<Tag>",
"xmlnsNameSpaceUri" : null
}

"membersAsMap" : {
"TagList" : {
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of <code>Tag</code> for the requested Elasticsearch domain.\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder } avoiding the need to create one manually via { @link List<Tag>#builder() }.\nWhen the { @link Consumer } completes, { @link List<Tag>.Builder#build() } is called immediately and its result is passed to { @link 
List<Tag>.Builder#tagList(List<Tag>) }.\n@see #tagList(List<Tag>)\n\n@deprecated\n\ndocumentation" : "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>
@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #tagList(List<Tag>)",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>
<p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n@see #tagList(List<Tag>)\n\n@deprecated\n\ndocumentation" : null,
"getterModel" : {
"returnType" : "java.util.List<Tag>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode": false,
"unmarshallLocationName": "TagList",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "Tag",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [Tag.Builder] avoiding the need to create one manually via [Tag.builder()].\n\nWhen the [Consumer] completes, [Tag.Builder#build()] is called immediately and its result is passed to [Tag#member].\n\n@see #member(Tag)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\nThe new value for the Member property for this object.\n\n@see #member(Tag)",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.\n\n@see #member(Tag)",
  "getterModel": {
    "returnType": "Tag",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "Tag",
"variableName" : "member",
"variableType" : "Tag",
"documentation" : null,
"simpleType" : "Tag",
"variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Tag",
"variableName" : "member",
"variableType" : "Tag",
"documentation" : "",
"simpleType" : "Tag",
"variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>"
"templateType": "java.util.List<Tag>",
],
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "TagList",
"setterDocumentation": ": tp> List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;&lt;p&gt;\n@ param tagList List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;",
"setterMethodName": "setTagList",
"setterModel": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List&lt;Tag&gt;",
  "documentation": null,
  "simpleType": "List&lt;Tag&gt;",
  "variableSetterType": "java.util.Collection&lt;Tag&gt;"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List&lt;Tag&gt;",
  "variableName": "tagList",
  "variableType": "java.util.List&lt;Tag&gt;",
  "documentation": ": tp> List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;",
  "simpleType": "List&lt;Tag&gt;",
  "variableSetterType": "java.util.Collection&lt;Tag&gt;"
},
"xmlNameSpaceUri": null
},
}
},
"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getTagList",
  "beanStyleSetterMethodName": "setTagList",
  "c2jName": "TagList",
  "c2jShape": "TagList",
  "defaultConsumerFluentSetterDocumentation": ": tp> List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;&lt;p&gt;\nThis is a convenience that creates an instance of the { @ link List&lt;Tag&gt; Builder } avoiding the need to create one manually via { @ link List&lt;Tag&gt;#builder() }.\nWhen the { @ link Consumer } completes, { @ link List&lt;Tag&gt; Builder#build() } is called immediately and its result is passed to { @ link #tagList(List&lt;Tag&gt;)) }.\n@ param tagList a consumer that will call methods on { @ link List&lt;Tag&gt; Builder }\n@ return Returns a reference to this object so that method calls can be chained together.\n@ see #tagList(List&lt;Tag&gt;)",
  "deprecated": false,
  "documentation": ": tp> List of &lt;code&gt;Tag&lt;/code&gt; for the requested Elasticsearch domain.&lt;/p&gt;",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.

@<param> tagList List of <code>Tag</code> for the requested Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.

Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return List of <code>Tag</code> for the requested Elasticsearch domain.
",
"getterModel" : {
  "returnType" : "java.util.List<Tag>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the { @link Tag.Builder} avoiding the need to create
one manually via { @link Tag.Builder#builder()}. When the { @link Consumer} completes,
{ @link Tag.Builder#build()} is called immediately and its result is passed to
{ @link #member(Tag)}

@<param> member a consumer that will call
methods on { @link Tag.Builder}

@<return> Returns a reference to this object so that method calls can be chained
together.

@see #member(Tag)
",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterMethodName" : null,
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "Tag",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@return The value of the Member property for this object.",
"setterModel" : {
"variableDeclarationType" : "Tag",
"variableName" : "member",
"variableDocumentation" : "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.
"setterMethodName" : "setMember",
"setterModel" : {"variableDeclarationType" : "Tag", "variableName" : "member"}
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"variableType" : "Tag",
"documentation" : null,
"simpleType" : "Tag",
"variableSetterType" : "Tag"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "Tag",

"variableName" : "member",

"variableType" : "Tag",

"documentation" : "",

"simpleType" : "Tag",

"variableSetterType" : "Tag"
}

"xmlNameSpaceUri" : null
}

"memberLocationName" : null,

"memberType" : "Tag",

"map" : false,

"memberAdditionalMarshallingPath" : null,

"memberAdditionalUnmarshallingPath" : null,

"simple" : false,

"simpleType" : "Tag",

"templateImplType" : "java.util.ArrayList<Tag>",

"templateType" : "java.util.List<Tag>"
}

"map" : false,

"mapModel" : null,

"marshallingType" : "LIST",

"name" : "TagList",

"setterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.</p>\n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",

"setterMethodName" : "setTagList",

"setterModel" : {

"variableDeclarationType" : "java.util.List<Tag>",

"variableName" : "tagList",

"variableType" : "java.util.List<Tag>",

"documentation" : null,

"simpleType" : "List<Tag",

"variableSetterType" : "java.util.Collection<Tag>"
}

"simple" : false,

"timestampFormat" : null,

"variable" : {

"variableDeclarationType" : "java.util.List<Tag>",

"variableName" : "tagList",

"variableType" : "java.util.List<Tag>",

"variableSetterType" : "java.util.List<Tag>"
"documentation": "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
"simpleType": "List<Tag>",
"variableSetterType": "java.util.Collection<Tag>"
},
"xmlNameSpaceUri": null
}]
,"requestSignerAware": false,
"requestSignerClassFqn": null,
"required": null,
"shapeName": "ListTagsResponse",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "ListTagsResponse",
"variableName": "listTagsResponse",
"variableType": "ListTagsResponse",
"documentation": null,
"simpleType": "ListTagsResponse",
"variableSetterType": "ListTagsResponse"
},
"wrapper": false
},
"LogPublishingOption": {
"c2jName": "LogPublishingOption",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Log Publishing option that is set for given domain. <br/>Attributes and their details: <ul>
<li>CloudWatchLogsLogGroupArn: ARN of the Cloudwatch log group to which log needs to be published.</li>
<li>Enabled: Whether the log publishing for given log type is enabled or not</li>
</ul>"",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderPayloadMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
null,
  }]
  //beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
  //beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
  "c2jName" : "CloudWatchLogsLogGroupArn",
  "c2jShape" : "CloudWatchLogsLogGroupArn",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder()} \nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #cloudWatchLogsLogGroupArn(String)}.\n@param cloudWatchLogsLogGroupArn a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cloudWatchLogsLogGroupArn(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
  "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
  "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this object.\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CloudWatchLogsLogGroupArn",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.

@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.",
"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. This is a convenience that creates an instance of the {Boolean Builder} avoiding the need to create one manually via {Boolean#builder()}. When the {Consumer} completes, {enabled(Boolean)} is called immediately and its result is passed to {enabled(Boolean)}. enabled a consumer that will call methods on {Boolean.Builder}.

@returns Returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"FluentEnumGetterMethodName" : null,
Specifies whether given log publishing option is enabled or not.

```java
public void setEnabled(boolean enabled) {
    // Setting logic here
}
```

```java
public boolean isEnabled() {
    // Getting logic here
}
```
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}]
"membersAsMap" : {
  "CloudWatchLogsLogGroupArn" : {
    "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
    "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
    "c2jName" : "CloudWatchLogsLogGroupArn",
    "c2jShape" : "CloudWatchLogsLogGroupArn",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link CloudWatchLogsLogGroupArn(String)] a consumer that will call methods on [@link String.Builder] a return Returns a reference to this object so that method calls can be chained together.
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
    "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object. The new value for the CloudWatchLogsLogGroupArn property for this object. Returns a reference to this object so that method calls can be chained together.
    "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this object."
  }
}
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CloudWatchLogsLogGroupArn",
"queryString" : false,
"statuscode" : false,
"unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.

@n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object."

"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "cloudWatchLogsLogGroupArn",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "cloudWatchLogsLogGroupArn",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Enabled" : {
"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled"
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether given log publishing option is enabled or not.
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()}
is called immediately and its result is passed to {@link #enabled(Boolean)}.<p>@param enabled a consumer that will call methods on {
@return Returns a reference to this object so that method calls can be chained together.<p>@see #enabled(Boolean)"
"deprecated" : false,
"documentation" : "<p>Specifies whether given log publishing option is enabled or not.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies whether given log publishing option is enabled or not.</p>
@param enabled Specifies whether given log publishing option is enabled or not.<p>@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies whether given log publishing option is enabled or not.</p>
@return Specifies whether given log publishing option is enabled or not.
"getterModel" : {

"returnType" : "Boolean",
"documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Enabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType": "BOOLEAN",
"name": "Enabled",
"setterDocumentation": "<p> Specifies whether given log publishing option is enabled or not.</p>\n\n@param enabled Specifies whether given log publishing option is enabled or not.",
"setterMethodName": "setEnabled",
"setterModel": {
    "variableDeclarationType": "Boolean",
    "variableName": "enabled",
    "variableType": "Boolean",
    "documentation": null,
    "simpleType": "Boolean",
    "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "Boolean",
    "variableName": "enabled",
    "variableType": "Boolean",
    "documentation": "<p> Specifies whether given log publishing option is enabled or not.</p>",
    "simpleType": "Boolean",
    "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
}
]
},
"nonStreamingMembers": [ {
    "beanStyleGetterMethodName": "getCloudWatchLogsLogGroupArn",
    "beanStyleSetterMethodName": "setCloudWatchLogsLogGroupArn",
    "c2jName": "CloudWatchLogsLogGroupArn",
    "c2jShape": "CloudWatchLogsLogGroupArn",
    "defaultValueConsumerFluentSetterDocumentation": "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\nThis is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. \n\nWhen the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link CloudWatchLogsLogGroupArn} a consumer that will call methods on {link String.Builder} when a new reference is needed.\n\n@see #cloudWatchLogsLogGroupArn(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventId": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "cloudWatchLogsLogGroupArn",
    "fluentSetterDocumentation": "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property"
for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
"getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@return The value of the CloudWatchLogsLogGroupArn property for this object."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CloudWatchLogsLogGroupArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object."

@\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object."

"setterMethodId" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "cloudWatchLogsLogGroupArn",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>
This is a convenience that creates an instance of the { @link Boolean.Builder } avoiding the need to create one manually via { @link Boolean#builder() }. When the { @link Consumer } completes, { @link
Boolean.Builder#build() } is called immediately and its result is passed to { @link #enabled(Boolean) }. @param enabled a consumer that will call methods on { @link Boolean.Builder } @return Returns a reference to this object so that method calls can be chained together. @see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>
@param enabled Specifies whether given log publishing option is enabled or not. @return Returns a reference to this object so that method calls can be chained together. "
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>
@return Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"marshallLocationValue" : null,
"marshallLocationClass" : null,
"marshallerFluentSetterMethodSignature" : "public void withEnabled(Boolean enabled) {
thissetEnabled(enabled);
}
",
"marshallerFluentSetterMethodName" : "withEnabled",
"mutable" : false,
"name" : "Enabled",
"simpleType" : "String",
"simpleTypePresentation" : "string",
"simpleTypeString" : "Enabled",
"xmlNameSpaceUri" : null}
Specifies whether given log publishing option is enabled or not.

@param enabled Specifies whether given log publishing option is enabled or not.

### setterMethodName
- setEnabled

### setterModel
```java
{
  "variableDeclarationType": "Boolean",
  "variableName": "enabled",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
}
```

### simple
- true

### timestampFormat
- null

### variable
```java
{
  "variableDeclarationType": "LogPublishingOption",
```

### xmlNameSpaceUri
- null
"variableName" : "logPublishingOption",
"variableType" : "LogPublishingOption",
"documentation" : null,
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"wrapper" : false
},
"LogPublishingOptionsStatus" : {
"c2jName" : "LogPublishingOptionsStatus",
"customization" : {
  "artifactResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshalller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "The configured log publishing options for the domain and their current status.",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
  {
    "beanStyleGetterMethodName" : "getOptionsAsStrings",
    "beanStyleSetterMethodName" : "setOptionsWithStrings",
    "c2jName" : "Options",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "The log publishing options configured for the Elasticsearch domain.

This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder } avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder() }. When the { @link Consumer } completes, { @link Map<String,LogPublishingOption>.Builder#build() } is called immediately and its result is passed to { @link #optionsAsStrings(Map<String,LogPublishingOption>)}.

@see #optionsWithStrings(Map<String,LogPublishingOption>)
"}
],
"deprecated" : false,
"documentation" : "The log publishing options configured for the Elasticsearch domain.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain.
@return
Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@ Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The log publishing options configured for the Elasticsearch domain.
",
"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String#keyAsString(String)` so that method calls can be chained together.

```java
public LogType<LogType> key(String key) {
    // Implementation
}
```

Returns a reference to this object so that method calls can be chained together.

```java
public LogType<LogType> key(String key)
```

Returns a reference to this object so that method calls can be chained together.

```java
public LogType<LogType> key(String key)
```

The new value for the Key property for this object.

```java
public LogType<LogType> key(String key)
```

If the service returns an enum value that is not available in the current SDK version, `key` will return `LogType#UNKNOWN_TO_SDK_VERSION`. The raw value returned by the service is available from `keyAsString`.

```java
public LogType<LogType> key(String key)
```

The value of the Key property for this object.

```java
public LogType<LogType> key(String key)
```

The value of the Key property for this object.

```java
public LogType<LogType> key(String key)
```

The value of the Key property for this object.

```java
public LogType<LogType> key(String key)
```

The value of the Key property for this object.

```java
public LogType<LogType> key(String key)
```

The value of the Key property for this object.

```java
public LogType<LogType> key(String key)
```
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the \{ @link LogPublishingOption.Builder\} avoiding the need to create one manually via \{ @link LogPublishingOption#builder()\}.\n\nWhen the \{ @link Consumer\} completes, \{ @link LogPublishingOption.Builder#build()\} is called immediately and its result is passed to \{ @link #value(LogPublishingOption)\}.\n\n@param value a consumer that will call methods on \{ @link LogPublishingOption.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)"
},
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n"
"fluentSetterMethodName": "value",
"getterDocumentation": "Returns the value of the Value property for this object.

@param The value of the Value property for this object.

getterModel": {
"returnType": "LogPublishingOption",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "value",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "value",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@param The new value for the Value property for this object.

setterMethodName": "setValue",
"setterModel": {
"variableDeclarationType": "LogPublishingOption",
"variableName": "value",
"variableType": "LogPublishingOption",
"documentation": null,
"simpleType": "LogPublishingOption",
"variableSetterType": "LogPublishingOption"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "LogPublishingOption",
"variableName": "value",
"variableType": "LogPublishingOption",
"documentation": null,
"simpleType": "LogPublishingOption",
"variableSetterType": "LogPublishingOption"}
"variableType" : "LogPublishingOption",
"documentation" : "",
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
"variableName" : "options",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null,
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
"variableName" : "options",
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain.",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.</p>

This is a convenience that creates an instance of the <code>OptionStatus.Builder</code> avoiding the need to create one manually via <code>@link OptionStatus.Builder#build()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link #status(OptionStatus)</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link #status(OptionStatus)</code>. Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)
,"dependecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See"<code>OptionStatus</code> for the status information that's included. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See"<code>OptionStatus</code> for the status information that's included.\n@param status The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See"<code>OptionStatus</code> for the status information that's included. </p>
@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See"<code>OptionStatus</code> for the status information that's included. </p>
@param status The status of the log
publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
]},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptionsAsStrings",
    "beanStyleSetterMethodName" : "setOptionsWithStrings",
    "c2jName" : "Options",
    "c2jShape" : "LogPublishingOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>",
    "deprecated" : false,
    "documentation" : "The log publishing options configured for the Elasticsearch domain.

This is a convenience that creates an instance of the {@link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via {@link Map<String,LogPublishingOption>#builder()}. When the {@link Consumer} completes, a reference to this object so that method calls can be chained together.

@see #optionsWithStrings(Map<String,LogPublishingOption>)"
  }
}
The log publishing options configured for the Elasticsearch domain.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The log publishing options configured for the Elasticsearch domain.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType
@return Returns a reference to this object so that method calls can be chained together.
@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.
<p> If the service returns an enum value that is not available in the current SDK version, @link #key will return @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from @link #keyAsString}. </p>
@return The value of the Key property for this object.
@see LogType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object.

This is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the
need to create one manually via {@link LogPublishingOption#builder()}. When the {@link Consumer}
completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link
#value(LogPublishingOption)}. param value a consumer that will call methods on {@link
LogPublishingOption.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #value(LogPublishingOption)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@returns a reference to this object so that method calls can be chained
together.

@returns The value of the Value property for this object.

getterDocumentation" : "Returns the value of the Value property for this object.

getterModel" : {
"returnType" : "LogPublishingOption",
"documentation" : null,
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
],
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String, LogPublishingOption>"
],
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "\<p\>The log publishing options configured for the Elasticsearch domain.\</p\>\n@param options The log publishing options configured for the Elasticsearch domain.\",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",
"variableName" : "options",
"variableType" : "java.util.Map<String, LogPublishingOption>",
"documentation" : null,
"simpleType" : "Map<String, LogPublishingOption>",
"variableSetterType" : "java.util.Map<String, LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",
"variableName" : "options",
"variableType" : "java.util.Map<String, LogPublishingOption>",
"documentation" : "\<p\>The log publishing options configured for the Elasticsearch domain.\</p\>\n"simpleType" : "Map<String, LogPublishingOption>",
"variableSetterType" : "java.util.Map<String, LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "\<p\>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. \</p\>\nThis is a convenience that creates an instance of the [ @link OptionStatus.Builder] avoiding the need to create one manually via [ @link OptionStatus#builder()]. \n\nWhen the [ @link Consumer] completes, [ @link OptionStatus.Builder#build()] is called immediately and its result is passed to [ @link #status(OptionStatus)]. \n@param status a consumer that will call methods on [ @link OptionStatus.Builder]\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "\<p\>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. \</p\>",
"enumType" : null,
"eventHeader" : false,
The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. 

@returns Returns a reference to this object so that method calls can be chained together.

### setterDocumentation

The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. 

@returns The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

```javascript
"setterModel" : {
  "setterMethodName" : "setStatus",
  "setterDocumentation" : "The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

@returns The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.

```
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "The status of the log publishing options for the Elasticsearch domain. See OptionStatus for the status information that's included. <p></p>
"
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [
  {
"beanStyleGetterMethodName" : "getOptionsAsStrings",
"beanStyleSetterMethodName" : "setOptionsWithStrings",
"c2jName" : "Options",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "The log publishing options configured for the Elasticsearch domain. Returns a reference to this object so that method calls can be chained together."
"deprecated" : false,
"documentation" : "The log publishing options configured for the Elasticsearch domain. </p>
"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "The log publishing options configured for the Elasticsearch domain. Attempts to modify the collection returned by this method will result in an
"deprecated" : false,
"documentation" : "The log publishing options configured for the Elasticsearch domain. </p>
"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "The log publishing options configured for the Elasticsearch domain. Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The log publishing options configured for the Elasticsearch domain.

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConstructorFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#build()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.

@see #key(String)
  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "getters" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  }
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConstructorFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#build()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.

@see #key(String)
  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "getters" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  }
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConstructorFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#build()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.

@see #key(String)
  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "getters" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  }
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConstructorFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#build()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.

@see #key(String)
  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Retruns the value of the Key property for this object.\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #keyAsString }\n@return The value of the Key property for this object.\n@see LogType",
"getterModel" : {,
  "returnType" : "String",
  "documentation" : null
},
"http" : {,
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n@param key The new value for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {,
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "LogPublishingOption",
    "defaultValue" : null,
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.
This is a convenience that creates an instance of the LogPublishingOption.Builder avoiding the need to create one manually via LogPublishingOption.Builder().
When the Consumer completes, LogPublishingOption.Builder.build() is called immediately and its result is passed to LogPublishingOption.Builder.
@returns Returns a reference to this object so that method calls can be chained together.
@see value(LogPublishingOption)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object.
The new value for the Value property for this object.
@returns Returns a reference to this object so that method calls can be chained together.
",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object.
@returns The value of the Value property for this object.
",
    "getterModel" : {
        "returnType" : "LogPublishingOption",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null
    }
}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
The log publishing options configured for the Elasticsearch domain.

```java
@Param options The log publishing options configured for the Elasticsearch domain.
```

```java
@SetterDocumentation
<p>The log publishing options configured for the Elasticsearch domain.</p>
```

```java
@SetterMethodName
"setOptionsWithStrings",
```

```java
@Variable
"options",
```

```java
@VariableDeclarationType
"java.util.Map<String,LogPublishingOption>",
```

```java
@VariableType
"java.util.Map<String,LogPublishingOption>",
```

```java
@Documentation
"<p>The log publishing options configured for the Elasticsearch domain.</p>
```

```java
@SimpleType
"Map<String,LogPublishingOption>",
```

```java
@VariableSetterType
"java.util.Map<String,LogPublishingOption>",
```

```java
@XmlNameSpaceUri
null,
```

```java
@Variable
"options",
```

```java
@VariableDeclarationType
"java.util.Map<String,LogPublishingOption>",
```

```java
@VariableType
"java.util.Map<String,LogPublishingOption>",
```

```java
@Documentation
"<p>The log publishing options configured for the Elasticsearch domain.</p>
```

```java
@SimpleType
"Map<String,LogPublishingOption>",
```

```java
@VariableSetterType
"java.util.Map<String,LogPublishingOption>",
```

```java
@XmlNameSpaceUri
null,
```

```java
@BeanStyleGetterMethodName
"getStatus",
```

```java
@BeanStyleSetterMethodName
"setStatus",
```

```java
@c2jName
"Status",
```

```java
@c2jShape
"OptionStatus",
```

```java
@DefaultConsumerFluentSetterDocumentation
"<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>

This is a convenience that creates an instance of the <code>OptionStatus</code> avoiding the need to create one manually via <code>@OptionStatus.Builder</code> when the <code>@Consumer</code> completes. <code>@OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@status(OptionStatus)</code>.<br>

When the <code>@return</code> operation returns a reference to this object so that method calls can be chained together.<br>

@see #status(OptionStatus)",
```

```java
@Deprecated
false,
```

```java
@Documentation
"<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>
```

```java
@EnumType
null,
```

```java
@EventHeader
false,
```

```java
@EventPayload
false,
```

```java
@FluentEnumGetterMethodName
null,
```

```java
@FluentEnumSetterMethodName
null,
```

```java
@FluentGetterMethodName
"status",
```

```java
@FluentSetterDocumentation
"<p>The status of the log publishing options for the Elasticsearch domain. See
```
<code>OptionStatus</code> for the status information that's included. </p>
@param status The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.\n@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

"getterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.\n@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.\n@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",}
The status of the log publishing options for the Elasticsearch domain. See `<code>OptionStatus</code>` for the status information that's included.

The status of the log publishing options for the Elasticsearch domain. See `<code>OptionStatus</code>` for the status information that's included.

Type of Log File, it can be one of the following: 
- **INDEX_SLOW_LOGS**: Index slow logs contain insert requests that took more time than configured index query log threshold to execute. 
- **SEARCH_SLOW_LOGS**: Search slow logs contain search queries that took more time than configured search query log threshold to execute. 
- **ES_APPLICATION_LOGS**: Elasticsearch application logs contain
information about errors and warnings raised during the operation of the service and can be useful for troubleshooting.

```
"enums" : [ 
  { "name" : "INDEX_SLOW_LOGS", "value" : "INDEX_SLOW_LOGS" }, 
  { "name" : "SEARCH_SLOW_LOGS", "value" : "SEARCH_SLOW_LOGS" }, 
  { "name" : "ES_APPLICATION_LOGS", "value" : "ES_APPLICATION_LOGS" } ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogType",
"simpleMethod" : false,
"unmarshaller" : { 
  "flattened" : false,
  "resultWrapper" : null 
 },
"variable" : { 
  "variableDeclarationType" : "LogType",
  "variableName" : "logType",
  "variableType" : "LogType",
  "documentation" : null,
  "simpleType" : "LogType",
  "variableSetterType" : "LogType"
 },
"wrapper" : false
},
"NodeToNodeEncryptionOptions" : { 
  "c2jName" : "NodeToNodeEncryptionOptions",
  "customization" : { 
    "artificialResultWrapper" : null,
    "OwnPropertyName" : "NodeToNodeEncryptionOptions",
  }
};
```
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Specifies the node-to-node encryption options.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultValue" : false,
  "documentation" : "Specifies true to enable node-to-node encryption.
Specifies true to enable node-to-node encryption.
When the [Consumer] completes, [Boolean.Builder] is called immediately and its result is passed to [enabled(Boolean)].
@returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)"
},
  "deprecated" : false,
  "disabledConsumerFluentSetterDocumentation" : "Specifies true to enable node-to-node encryption.
This is a convenience that creates an instance of the [Boolean.Builder] avoiding the need to create one manually via [Boolean#builder()].
When the [Consumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [enabled(Boolean)].
@returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)"
},
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "Specifies true to enable node-to-node encryption.
@returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)"
},
  "fluentSetterMethodName" : "enabled",
  "getterDocumentation" : "Specifies true to enable node-to-node encryption.
@returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)"
},
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {

```
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"queryString" : false,
"statusCode" : false,
"marshallLocationName" : "Enabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption."
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "Specify true to enable node-to-node encryption.<p>Specify true to enable node-to-node encryption.</p>"
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {

"Enabled" : {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}. enabled a consumer that will call methods on {@link Boolean.Builder}@n@param enabled Specify true to enable node-to-node encryption.</n>@return Returns a reference to this object so that method calls can be chained together.@n@see #enabled(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "enabled",
    "fluentSetterMethodName" : "enabled",
    "fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.
@return Returns a reference to this object so that method calls can be chained together.",
    "getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@return Specify true to enable node-to-node encryption.",
    "getterModel" : {
        "returnType" : "Boolean",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Enabled",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Enabled",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
}
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.<p>
@param enabled Specify true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>"
}
]
}
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "Specify true to enable node-to-node encryption.\n@param enabled Specify true to enable node-to-node encryption.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "Specify true to enable node-to-node encryption.\n@param enabled Specify true to enable node-to-node encryption.\n@return Specify true to enable node-to-node encryption.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "Specify true to enable node-to-node encryption.\n@param enabled Specify true to enable node-to-node encryption.\n@return Specify true to enable node-to-node encryption.",
"setterMethodId" : "setEnable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "NodeToNodeEncryptionOptions",
"simpleMethod" : false,
"unmarshaller" : { 
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : { 
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"wrapper" : false
},
"NodeToNodeEncryptionOptionsStatus" : { 
  "c2jName" : "NodeToNodeEncryptionOptionsStatus",
  "customization" : { 
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 

  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
  This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptions#builder()}. When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {@link #options(NodeToNodeEncryptionOptions)}.<p>@param options a consumer that will call methods on {@link NodeToNodeEncryptionOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.</p>
  
  
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>" </p>
  
  "param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>" </p>
  
  "param Specifies the node-to-node encryption options for the specified Elasticsearch domain.@return Specifies the node-to-node encryption options for the specified Elasticsearch domain."
  "getterModel" : 

  "returnType" : "NodeToNodeEncryptionOptions",
  "documentation" : null

  },

  "http" : {

    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",

  }

}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.

@n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.

@n.setterMethod" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.

@n">",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.

@n\nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. @n@n"}
OptionStatus.Builder\n@returns Returns a reference to this object so that method calls can be chained
together.\n@see #status(OptionStatus)

"deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>
@returns Returns a reference to this object so that method calls can be chained
together.
",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.</p>
@returns Specifies the status of the node-to-node encryption options for the specified
Elasticsearch domain.
",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status"
"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain."
,
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>\n",  
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},

"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "NodeToNodeEncryptionOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link NodeToNodeEncryptionOptions#builder()}.\nWhen the { @link Consumer} completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link #options(NodeToNodeEncryptionOptions)}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(NodeToNodeEncryptionOptions)"
    ,
    "deprecated" : false,
    "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
  },
"fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n", "fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n\n@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n", "getterModel" : {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n", "setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "NodeToNodeEncryptionOptions",
"variableName" : "options",
"variableType" : "NodeToNodeEncryptionOptions",
"documentation" : null,
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat": null,

"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "options",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": "<p>SPECifies the node-to-node encryption options for the specified Elasticsearch
  domain.</p>",
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},

"xmlNameSpaceUri": null,

"Status": {
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p>SPECifies the status of the node-to-node encryption
  options for the specified Elasticsearch domain.</p>This is a convenience that creates an instance of the
  {@link OptionStatus.Builder} avoiding the need to create one manually via
  {@link OptionStatus#builder()}. When the
  {@link OptionStatus.Builder#build()} is called immediately and its result is passed
to
  {@link OptionStatus.Builder#status(OptionStatus)\n  @return a reference to this object so that method calls can be chained
together.\n  @see #status(OptionStatus)"},
  "deprecated": false,
  "documentation": "<p>SPECifies the status of the node-to-node encryption options for the specified
  Elasticsearch domain.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "status",
  "fluentSetterDocumentation": "<p>SPECifies the status of the node-to-node encryption options for the
  specified Elasticsearch domain.</p>SPECifies the status of the node-to-node encryption options for
  the specified Elasticsearch domain.\n  @return a reference to this object so that method calls can be chained
together.\n  @see #status(OptionStatus)"},
  "fluentSetterMethodName": "status",
  "getterDocumentation": "<p>SPECifies the status of the node-to-node encryption options for the specified
  Elasticsearch domain.</p>SPECifies the status of the node-to-node encryption options for
  the specified Elasticsearch domain.\n  @return a reference to this object so that method calls can be chained
together.\n  @see #status(OptionStatus)"},
  "getterModel": {
    "returnType": "OptionStatus",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
  },
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Status",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
",
"setterMethodName": "setStatus",
"setterModel": {
   "variableDeclarationType": "OptionStatus",
   "variableName": "status",
   "variableType": "OptionStatus",
   "documentation": null,
   "simpleType": "OptionStatus",
   "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
   "variableDeclarationType": "OptionStatus",
   "variableName": "status",
   "variableType": "OptionStatus",
   "documentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
",
   "simpleType": "OptionStatus",
   "variableSetterType": "OptionStatus"
}
},
"simple": false,
"timestampFormat": null,
"variable": {
   "variableDeclarationType": "OptionStatus",
   "variableName": "status",
   "variableType": "OptionStatus",
   "documentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
",
   "simpleType": "OptionStatus",
   "variableSetterType": "OptionStatus"
}
},
"xmlNameSpaceUri": null}
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via { @link NodeToNodeEncryptionOptions#builder()}. When the { @link Consumer} completes, { @link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to { @link NodeToNodeEncryptionOptions}.}@param options a consumer that will call methods on { @link NodeToNodeEncryptionOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #options(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
@return Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  }
}];
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Options",
"setterDocumentation": "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "options",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": null,
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "options",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri": null,

"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}. Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
"deprecated": false,
"documentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@return Returns a reference to this object so that method calls can be chained together.
</p>",
"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@return Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
</p>",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@return Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
</p>",
"setterMethodName" : "setStatus",
"setterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
}
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "NodeToNodeEncryptionOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
"variableName" : "nodeToNodeEncryptionOptionsStatus",
"variableType" : "NodeToNodeEncryptionOptionsStatus",
"documentation" : null,
"simpleType" : "NodeToNodeEncryptionOptionsStatus",
"variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"wrapper" : false
},
"OptionState" : {
"c2jName" : "OptionState",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
}
}
"deprecated" : false,
"documentation" : "<p>The state of a requested change. One of the following:<ul>
<li>Processing: The request change is still in-process.</li>
<li>Active: The request change is processed and deployed to the Elasticsearch domain.</ul>",
"enums" : [ {
  "name" : "REQUIRES_INDEX_DOCUMENTS",
  "value" : "RequiresIndexDocuments"
} , {
  "name" : "PROCESSING",
  "value" : "Processing"
} , {
  "name" : "ACTIVE",
  "value" : "Active"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "OptionState",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "OptionState",
  "variableName" : "optionState",
  "variableType" : "OptionState",
  "documentation" : null,
  "simpleType" : "OptionState",
  "variableSetterType" : "OptionState"
},
"wrapper" : false
},
"OptionStatus" : {
"c2jName" : "OptionStatus",
"customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Provides the current status of the entity.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
    "beanStyleGetterMethodName" : "getCreationDate",
    "beanStyleSetterMethodName" : "setCreationDate",
    "c2jName" : "CreationDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant.Builder#build()}.
When the {@link Instant.Builder#build()} is called immediately and its result is passed to the @link Consumer which will call methods on the @link Instant.Builder
@see #creationDate(Instant)"
    },
    "deprecated" : false,
    "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "creationDate",
    "fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@see #creationDate(Instant)"
    },
    "fluentSetterMethodName" : "creationDate",
    "getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@see #creationDate(Instant)"
    },
    "getterModel" : {
    "returnType" : "java.time.Instant",
    "documentation" : null
}
"documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param updateDate Timestamp which tells the last updated time for the entity.
@return Returns a reference to this object so that method calls can be chained together.
@see #updateDate(Instant)",
"deprecated" : false,
"getDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param
updateDate Timestamp which tells the last updated time for the entity.",
"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getUpdateVersion",
  "beanStyleSetterMethodName" : "setUpdateVersion",
  "c2jName" : "UpdateVersion",
  "c2jShape" : "UIntValue",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via
[@link Integer#builder()].
When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to
[@link #updateVersion(Integer)].
@return Returns a reference to this object so that method calls can be chained together.
@see #updateVersion(Integer)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the latest version for the entity.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "updateVersion",
  "fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@param
updateVersion
Specifies the latest version for the entity.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@return Specifies the latest version for the entity.
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@param updateVersion Specifies the latest version for the entity.
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "updateVersion",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "updateVersion",
"variableType" : "Integer",
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null}
],
"beanStyleGetterMethodName" : "getStateAsString",
"beanStyleSetterMethodName" : "setState",
"c2jName" : "State",
"c2jShape" : "OptionState",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #stateAs(String)}. @param state a consumer that will call methods on {@link String.Builder} @return Returns a reference to this object so that method calls can be chained together.@see #state(String)",
"deprecated" : false,
"documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"enumType" : "OptionState",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "state",
"fluentEnumSetterMethodName" : "state",
"fluentGetterMethodName" : "stateAsString",
"fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
If the service returns an enum value that is not available in the current SDK version, {@link #state} will return {@link OptionState#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #stateAsString}. @return Provides the <code>OptionState</code> for the Elasticsearch domain.@see OptionState",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "State",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "State",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "&lt;p&gt;Provides the &lt;code&gt;OptionState&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;&lt;n&gt;@param state Provides the &lt;code&gt;OptionState&lt;/code&gt; for the Elasticsearch domain.&lt;n&gt;@see OptionState",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "&lt;p&gt;Provides the &lt;code&gt;OptionState&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getPendingDeletion",
  "beanStyleSetterMethodName" : "setPendingDeletion",
  "c2jName" : "PendingDeletion",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Indicates whether the Elasticsearch domain is being deleted.&lt;/p&gt;&lt;n&gt;This is a convenience that creates an instance of the [&lt;link Boolean.Builder&gt; avoiding the need to
create one manually via \{ @link Boolean#builder() \}. When the \{ @link Consumer \} completes, \{ @link Boolean.Builder#build() \} is called immediately and its result is passed to \{ @link #pendingDeletion(Boolean) \}.

\@param pendingDeletion a consumer that will call methods on \{ @link Boolean.Builder \}.
\@return Returns a reference to this object so that method calls can be chained together.
\@see #pendingDeletion(Boolean)

"deprecated" : false,
"documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "pendingDeletion",
"fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PendingDeletion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PendingDeletion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "CreationDate" : {
    "beanStyleGetterMethodName" : "getCreationDate",
    "beanStyleSetterMethodName" : "setCreationDate",
    "c2jName" : "CreationDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
This is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()}. When the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link Instant.Builder#build()}.

In the case of a consumer that will call methods on { @link Instant.Builder} @return Returns a reference to this object so that method calls can be chained together.
@see #creationDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "creationDate",
  "fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "creationDate",
  "getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@return Timestamp
which tells the creation date for the entity.

getterModel" : {
    "returnType" : "java.time.Instant",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CreationDate",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CreationDate",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param
creationDate Timestamp which tells the creation date for the entity.

setterMethodName" : "setCreationDate",
"setterModel" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "creationDate",
    "variableType" : "java.time.Instant",
    "documentation" : null,
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "creationDate",
    "variableType" : "java.time.Instant",
    "documentation" : "Timestamp which tells the creation date for the entity."}
"simpleType": "Instant",
"variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
},
"PendingDeletion": {
"beanStyleGetterMethodName": "getPendingDeletion",
"beanStyleSetterMethodName": "setPendingDeletion",
"c2jName": "PendingDeletion",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>This is a convenience that creates an instance of the [link Boolean.Builder] avoiding the need to create one manually via [link Boolean.Builder]. When the [link Consumer] completes, [link Boolean.Builder#build()] is called immediately and its result is passed to [link #pendingDeletion(Boolean)].

@see #pendingDeletion(Boolean)
@returns Returns a reference to this object so that method calls can be chained together.
@see #pendingDeletion(Boolean)
"deprecated": false,
"documentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "pendingDeletion",
"fluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@returns Indicates whether the Elasticsearch domain is being deleted.
@returns Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName": "pendingDeletion",
"getterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@returns Indicates whether the Elasticsearch domain is being deleted.
",
"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "PendingDeletion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "PendingDeletion",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "PendingDeletion",
"setterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName": "setPendingDeletion",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "pendingDeletion",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "pendingDeletion",
  "variableType": "Boolean",
  "documentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"State": {
  "beanStyleGetterMethodName": "getStateAsString",
  "beanStyleSetterMethodName": "setState",
  "c2jName": "State",
  "c2jShape": "OptionState",
  "defaultConsumerFluentSetterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.\n\tThis is a convenience that creates an instance of the {@link String.Builder} avoiding
\tthe need to create one manually via {@link String#builder()}.\n\tWhen the {@link Consumer} completes, {@link String.Builder#build()}
\tis called immediately and its result is passed to {@link stateAsString(String)}.\n\t@param state a consumer that will call methods on {@link String.Builder}\n\t@see #state(String)",
  "deprecated": false,
  "documentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>"
"enumType" : "OptionState",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "state",
"fluentEnumSetterMethodName" : "state",
"fluentGetterMethodName" : "stateAsString",
"fluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
@param state Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState
@return Returns a reference to this object so that method calls can be chained together.
@see OptionState",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
<p>If the service returns an enum value that is not available in the current SDK version, [@link #state] will return [@link OptionState#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #stateAsString].</p>
@return Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
@param state Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState"
"setterMethodName" : "setState",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "state",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "state",
    "variableType" : "String",
    "documentation" : <p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"UpdateDate" : {
    "beanStyleGetterMethodName" : "getUpdateDate",
    "beanStyleSetterMethodName" : "setUpdateDate",
    "c2jName" : "UpdateDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Timestamp which tells the last updated time for the entity.&lt;/p&gt;&lt;br&gt;This is a convenience that creates an instance of the { @link Instant.Builder } avoiding the need to create one manually via { @link Instant#builder() }.&lt;br&gt;When the { @link Consumer } completes, { @link Instant.Builder#build() } is called immediately and its result is passed to { @link #updateDate(Instant) }.&lt;br&gt;@param updateDate a consumer that will call methods on { @link Instant.Builder }&lt;br&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;br&gt;@see #updateDate(Instant)",
    "deprecated" : false,
    "documentation" : "&lt;p&gt;Timestamp which tells the last updated time for the entity.&lt;/p&gt;",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "updateDate",
    "fluentSetterDocumentation" : "&lt;p&gt;Timestamp which tells the last updated time for the entity.&lt;/p&gt;&lt;br&gt;@param updateDate Timestamp which tells the last updated time for the entity.&lt;br&gt;@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "updateDate",
    "getterDocumentation" : "&lt;p&gt;Timestamp which tells the last updated time for the entity.&lt;/p&gt;&lt;br&gt;@return Timestamp which tells the last updated time for the entity.",
    "getterModel" : {
        "returnType" : "java.time.Instant",
"documentation" : null
],
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param
updateDate Timestamp which tells the last updated time for the entity.

setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.\n\nsetterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.\n\nsetterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"xmlNameSpaceUri" : null
},
"UpdateVersion" : {
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {
@link Integer.Builder}.

When the {@link Consumer} completes, {
@link Integer.Builder#build()} is called immediately and its result is passed to {
@link #updateVersion(Integer)}.

@param updateVersion a consumer that will call methods on {
@link Integer.Builder}

@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@return Specifies the latest version for the entity.
@see #updateVersion",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@return Specifies the latest version for the entity.
@see #updateVersion",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "UpdateVersion",
"setterDocumentation": "<p>Specifies the latest version for the entity.<br/>
@param updateVersion Specifies the latest version for the entity.\n</p>",
"setterMethodName": "setUpdateVersion",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": "<p>Specifies the latest version for the entity.<br/>
</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"nonStreamingMembers": [
  {
    "beanStyleGetterMethodName": "getCreationDate",
    "beanStyleSetterMethodName": "setCreationDate",
    "c2jName": "CreationDate",
    "c2jShape": "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation": "Timestamp which tells the creation date for the entity.<br/>
This is a convenience that creates an instance of the { @link Instant.Builder } avoiding the need to create one manually via { @link Instant#builder() }.\nWhen the { @link Consumer } completes, { @link Instant.Builder#build() } is called immediately and its result is passed to { @link #creationDate(Instant) }\n@see #creationDate(Instant)\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #creationDate(Instant)"
  },
  "deprecated": false,
  "documentation": "Timestamp which tells the creation date for the entity.<p>
enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param creationDate Timestamp which tells the creation date for the entity.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@return Timestamp which tells the creation date for the entity.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CreationDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CreationDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param creationDate Timestamp which tells the creation date for the entity.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateDate",
"uri" : false,

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param updateDate Timestamp which tells the last updated time for the entity."

"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},

"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",

"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>

This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].

When the [@link Consumer] completes, [@link Integer.Builder#build()] is called
immediately and its result is passed to { @link #updateVersion(Integer)}.\n@param updateVersion a consumer that will call methods on { @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateVersion(Integer)\

"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies the latest version for the entity.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@return Specifies the latest version for the entity."
,"getterModel" : { 
"returnType" : "Integer",
"documentation" : null
},
"http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>\n@param updateVersion Specifies the latest version for the entity."
"setterMethodName": "setUpdateVersion",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": "Specifies the latest version for the entity."
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getStateAsString",
  "beanStyleSetterMethodName": "setState",
  "c2jName": "State",
  "c2jShape": "OptionState",
  "defaultConsumerFluentSetterDocumentation": "Provides the OptionState for the Elasticsearch domain. This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.builder(). When the Consumer completes, String.builder().build() is called immediately and its result is passed to StateAsString(String).\n\n@param state a consumer that will call methods on String.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #state(String)"
,
  "deprecated": false,
  "documentation": "Provides the OptionState for the Elasticsearch domain.\n\n\nIf the service returns an enum value that is not available in the current SDK version, #state will return OptionState.UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from #stateAsString.\n\n@see OptionState\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see OptionState",
  "fluentSetterMethodName": "state",
  "getterDocumentation": "Provides the OptionState for the Elasticsearch domain.\n\nIf the service returns an enum value that is not available in the current SDK version, #state will return OptionState.UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from #stateAsString.\n\n@see OptionState\n\n@return Provides the OptionState for the Elasticsearch domain.\n\n@see OptionState",
  "fluentSetterMethodOverride": "state",
  "getterDocumentation": "Provides the OptionState for the Elasticsearch domain.\n\nIf the service returns an enum value that is not available in the current SDK version, #state will return OptionState.UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from #stateAsString.\n\n@see OptionState\n\n@return Provides the OptionState for the Elasticsearch domain.\n\n@see OptionState"
Elasticsearch domain.

@see OptionState

getterModel : {
    "returnType" : "String",
    "documentation" : null
},

http : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "State",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "State",
    "uri" : false
},

idempotencyToken : false,

isBinary : false,

jsonValue : false,

list : false,

listModel : null,

map : false,

mapModel : null,

marshallingType : "STRING",

name : "State",

setterDocumentation : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>

@see OptionState

setterMethodName : "setState",

setterModel : {
    "variableDeclarationType" : "String",
    "variableName" : "state",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

simple : true,

timestampFormat : null,

variable : {
    "variableDeclarationType" : "String",
    "variableName" : "state",
    "variableType" : "String",


"documentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{
"beanStyleGetterMethodName": "getPendingDeletion",
"beanStyleSetterMethodName": "setPendingDeletion",
"c2jName": "PendingDeletion",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder#builder()].
When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link #pendingDeletion(Boolean)].

@see #pendingDeletion(Boolean)",
"deprecated": false,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "pendingDeletion",
"fluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
Indicates whether the Elasticsearch domain is being deleted.

@see #pendingDeletion(Boolean)",
"getterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
Indicates whether the Elasticsearch domain is being deleted.",
"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "PendingDeletion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName" : "PendingDeletion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",
"setterMethodName" : "setPendingDeletion",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "CreationDate", "UpdateDate", "State" ],
"shapeName" : "OptionStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "optionStatus",
  "variableType" : "OptionStatus"
Container for parameters to
$\texttt{PurchaseReservedElasticsearchInstanceOffering}$

This is a convenience that creates an instance of the $\texttt{ReservedElasticsearchInstanceOfferingId}$ avoiding the need to create one manually via $\texttt{String.Builder()}$.

When the $\texttt{Consumer}$ completes, $\texttt{String.Builder#build()}$ is called immediately and its result is passed to $\texttt{reservedElasticsearchInstanceOfferingId(String)}$.

A consumer that will call methods on $\texttt{String.Builder#build()}$ returns a reference to this object so that method calls can be chained together.

```

@link String.Builder#build()
```
"deprecated" : false,
"documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.
@return Returns a reference to this object so that method calls can be chained together.",
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
 "variableDeclarationType" : "String",
"variableName": "reservedElasticsearchInstanceOfferingId",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "reservedElasticsearchInstanceOfferingId",
"variableType": "String",
"documentation": "The ID of the reserved Elasticsearch instance offering to purchase.",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
}, {
"beanStyleGetterMethodName": "getReservationName",
"beanStyleSetterMethodName": "setReservationName",
"c2jName": "ReservationName",
"c2jShape": "ReservationToken",
"defaultConsumerFluentSetterDocumentation": "A customer-specified identifier to track this reservation.
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #reservationName\}.\n@see #reservationName(String)",
"deprecated": false,
"documentation": "A customer-specified identifier to track this reservation.",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservationName",
"fluentSetterDocumentation": "A customer-specified identifier to track this reservation.
@see #reservationName(String)",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"variableName": "reservedElasticsearchInstanceOfferingId",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"}
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
{idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
@param reservationName A customer-specified identifier to track this reservation.

"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getInstanceCount",}
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "InstanceCount",
"defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link InstanceCount(Integer)}. Returns a reference to this object so that method calls can be chained together.
@see #InstanceCount(Integer)",
"deprecated" : false,
"documentation" : "The number of Elasticsearch instances to reserve.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "The number of Elasticsearch instances to reserve.
@param instanceCount The number of Elasticsearch instances to reserve.
@return Returns a reference to this object so that method calls can be chained together.
@see #InstanceCount(Integer)",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "The number of Elasticsearch instances to reserve.
@return The number of Elasticsearch instances to reserve.",
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "InstanceCount",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "InstanceCount",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
The number of Elasticsearch instances to reserve.

@param instanceCount

@see

@link

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"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>@param instanceCount The number of Elasticsearch instances to reserve.<p>@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>@return The number of Elasticsearch instances to reserve.
",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>@param instanceCount The number of Elasticsearch instances to reserve.
",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "The number of Elasticsearch instances to reserve."
},
"xmlNameSpaceUri" : null
},
"ReservationName" : {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "A customer-specified identifier to track this reservation.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder()

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [reservationName(String)].

@link String.Builder#build() @return Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)"
  ,
  "deprecated" : false,
  "documentation" : "A customer-specified identifier to track this reservation.

@link String.Builder#build() @return Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)"
  ,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "A customer-specified identifier to track this reservation.

@link String.Builder#build() @return Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)"
  ,
  "getterDocumentation" : "A customer-specified identifier to track this reservation.

@link String.Builder#build() @return Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)"
  ,
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservationName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ReservationName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservationName",
"setterDocumentation": "\n<p>A customer-specified identifier to track this reservation.</p>\n@param reservationName A customer-specified identifier to track this reservation.",
"setterMethodName": "setReservationName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "reservationName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "reservationName",
"variableType": "String",
"documentation": "\n<p>A customer-specified identifier to track this reservation.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"ReservedElasticsearchInstanceOfferingId": {
"beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferingId",
"c2jName": "ReservedElasticsearchInstanceOfferingId",
"c2jShape": 'GUID',
"defaultConsumerFluentSetterDocumentation": "\n<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to
create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #reservedElasticsearchInstanceOfferingId(String)\}.

@returns Returns a reference to this object so that method calls can be chained together.

@see #reservedElasticsearchInstanceOfferingId(String)
"setterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.\n",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "The ID of the reserved Elasticsearch instance offering to purchase.\n",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
    "c2jName" : "ReservedElasticsearchInstanceOfferingId",
    "c2jShape" : "GUID",
    "defaultConsumerFluentSetterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link ReservedElasticsearchInstanceOfferingId(String)\}.\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)"
  },
  "deprecated" : false,
  "documentation" : "The ID of the reserved Elasticsearch instance offering to purchase.\n",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.\n@return Returns a reference to this object so that method calls can be chained together.\n"
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
\n@return The ID of the reserved Elasticsearch instance offering to purchase."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
\n@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase."
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "ReservedElasticsearchInstanceOfferingId",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "ReservedElasticsearchInstanceOfferingId"
}
"variableType" : "String",
"documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.\</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
], {
"beanStyleGetterMethodName" : "getReservationName",
"beanStyleSetterMethodName" : "setReservationName",
"c2jName" : "ReservationName",
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.\</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via { @link String#builder() }.\n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
"deprecated" : false,
"documentation" : "<p>A customer-specified identifier to track this reservation.\</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.\</p>\n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
"getterDocumentation" : "<p>A customer-specified identifier to track this reservation.\</p>
@return A customer-specified identifier to track this reservation.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
@param reservationName A customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : { 
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, { 
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "InstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>

This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link InstanceCount(Integer)]. @param instanceCount a consumer that will call methods on [@link InstanceCount(Integer)] @see InstanceCount(Integer)",
  "deprecated" : false,
"documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>
@param instanceCount The number of Elasticsearch instances to reserve.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>
@return The number of Elasticsearch instances to reserve.
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>
@param instanceCount The number of Elasticsearch instances to reserve.
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  // Other properties...
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "instanceCount",
"variableType" : "Integer",
"documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
]
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ReservedElasticsearchInstanceOfferingId", "ReservationName" ],
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
"variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"documentation" : null,
"simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
},
"wrapper" : false
},
"PurchaseReservedElasticsearchInstanceOfferingResponse" : {
"c2jName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Represents the output of a
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased."},
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.<p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>
@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.<p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.
@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
"getterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.
@returns Details of the reserved Elasticsearch instance which was purchased.
@see #reservedElasticsearchInstanceId(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"members" : [ {"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased."},
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.<p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.
@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
"deprecated" : false,
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.<p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.
@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
"getterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.
@returns Details of the reserved Elasticsearch instance which was purchased.
@see #reservedElasticsearchInstanceId(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",...
"marshallLocationName" : "ReservedElasticsearchInstanceId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.
<p>@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.
<p>
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.
<p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getReservationName",
"beanStyleSetterMethodName" : "setReservationName",
"c2jName" : "ReservationName",
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.
<p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#build()}. When the {@link Consumer} completes, the @link String.Builder#build() is called immediately and its result is passed to the @link #reservationName(String). @param reservationName a consumer that will call methods on

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String.Builder} \n@return Returns a reference to this object so that method calls can be chained together.
\n@see #reservationName(String)",
"deprecated" : false,
"documentation" : ";<p>The customer-specified identifier used to track this reservation.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>
@return The customer-specified identifier used to track this reservation.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@return The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName"
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ReservationName" : {
    "beanStyleGetterMethodName" : "getReservationName",
    "beanStyleSetterMethodName" : "setReservationName",
    "c2jName" : "ReservationName",
    "c2jShape" : "ReservationToken",
    "defaultConsumerFluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservationName(String)",
    "deprecated" : false,
    "documentation" : "The customer-specified identifier used to track this reservation.
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservationName(String)",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservationName",
    "fluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservationName(String)",
    "getterModel" : {
"getterDocumentation" : "The customer-specified identifier used to track this reservation.
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.\n\n@param reservationName a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservationName(String)",
    "getterMethodType" : "String",
    "isDeprecated" : false,
    "isDiscriminator" : false,
    "isFluent" : false,
    "isFluentGetter" : false,
    "isFluentSetter" : false,
    "isHasBean" : false,
    "isHasBeanUsingGeneratedConstructor" : false,
    "isHasStringConstructor" : false,
    "isHasStringProperty" : false,
    "isHasStringValue" : false,
    "isMarkerFree" : false,
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    "isNotificationPayload" : false,
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    "isPreserveOrderPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayload" : false,
    "isPreserveOrderPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadPayloadHeader" : false,
"returnType" : "String",
"documentation" : null
],
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "\n\n<p>The customer-specified identifier used to track this reservation.</p>\n@param reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : "\n\n<p>The customer-specified identifier used to track this reservation.</p>\n",
"simpleType" : "String",
"variableSetterType" : "String"
null

"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased. This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to reservedElasticsearchInstanceId(String).\n\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "Details of the reserved Elasticsearch instance which was purchased."
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.\n\n@see #reservedElasticsearchInstanceId(String)",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceId",
  "getterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.\n\n@see #reservedElasticsearchInstanceId(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
  "uri" : false
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceId",
"setterDocumentation": "<p>Details of the reserved Elasticsearch instance which was purchased.</p>
@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.",
"setterMethodName": "setReservedElasticsearchInstanceId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
",
"nonStreamingMembers": [
  "beanStyleGetterMethodName": "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName": "setReservedElasticsearchInstanceId",
  "c2jName": "ReservedElasticsearchInstanceId",
  "c2jShape": "GUID",
  "defaultConsumerFluentSetterDocumentation": "<p>Details of the reserved Elasticsearch instance which was purchased.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the returned reference to this object so that method calls can be chained together.

@see #reservedElasticsearchInstanceId(String)",
  "deprecated": false,
"documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
"variableDeclarationType" : "String"}
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getReservationName",
"beanStyleSetterMethodName" : "setReservationName",
"c2jName" : "ReservationName",
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.
\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder\().\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder\#build\()} is called immediately and its result is passed to \{ @link #reservationName(String)\}.\n\n@see #reservationName(String)",
"deprecated" : false,
"documentation" : "The customer-specified identifier used to track this reservation.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.
\n@see #reservationName(String)",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "The customer-specified identifier used to track this reservation.
\n@see #reservationName(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "The customer-specified identifier used to track this reservation.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
]}
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "variableName" : "purchaseReservedElasticsearchInstanceOfferingResponse",
  "variableType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "documentation" : null,
  "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"wrapper" : false
},
"RecurringCharge" : {
  "c2jName" : "RecurringCharge",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Contains the specific price and frequency of a recurring charges for a reserved Elasticsearch instance, or for a reserved Elasticsearch instance offering.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [
    { "beanStyleGetterMethodName" : "getRecurringChargeAmount",
      "beanStyleSetterMethodName" : "setRecurringChargeAmount",
      "c2jName" : "RecurringChargeAmount",
      "c2jShape" : "Double",
      "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
    }
  ]
}
When the \{@link Consumer\} completes, \{@link Double.Builder\} is called immediately and its result is passed to \{@link recurringChargeAmount\}. When the \{@link Consumer\} completes, \{@link Double.Builder\} is called immediately and its result is passed to \{@link recurringChargeAmount\}.

@param recurringChargeAmount a consumer that will call methods on \{@link Double.Builder\}. @return Returns a reference to this object so that method calls can be chained together.

@see \#recurringChargeAmount(Double)"

The monetary amount of the recurring charge. The monetary amount of the recurring charge.

The monetary amount of the recurring charge. Returns a reference to this object so that method calls can be chained together.

The monetary amount of the recurring charge. The monetary amount of the recurring charge.

The monetary amount of the recurring charge. Returns a reference to this object so that method calls can be chained together.

The monetary amount of the recurring charge. Returns a reference to this object so that method calls can be chained together.
recurringChargeAmount The monetary amount of the recurring charge.

setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "recurringChargeAmount",
    "variableType" : "Double",
    "documentation" : "The monetary amount of the recurring charge.",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getRecurringChargeFrequency",
"beanStyleSetterMethodName" : "setRecurringChargeFrequency",
"c2jName" : "RecurringChargeFrequency",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "The frequency of the recurring charge.
This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #recurringChargeFrequency(String).

@see #recurringChargeFrequency(String)"
    "deprecated" : false,
    "documentation" : "The frequency of the recurring charge.",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "recurringChargeFrequency",
    "fluentSetterDocumentation" : "The frequency of the recurring charge.
    @param recurringChargeFrequency The frequency of the recurring charge.
    @return Returns a reference to this object so that method calls can be chained together.
    @see #recurringChargeFrequency(String)"
    "getterDocumentation" : "The frequency of the recurring charge.
    @return The frequency of the recurring charge.
    @param recurringChargeFrequency The frequency of the recurring charge.
    @return Returns a reference to this object so that method calls can be chained together.
    "getterModel" : {
        "returnType" : "String",
    }
}
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeFrequency",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringChargeFrequency",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>
@param recurringChargeFrequency
The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "recurringChargeFrequency",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "recurringChargeFrequency",
  "variableType" : "String",
  "documentation" : "<p>The frequency of the recurring charge.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
"
"membersAsMap" : {
  "RecurringChargeAmount" : {
    "beanStyleGetterMethodName" : "getRecurringChargeAmount",
    "beanStyleSetterMethodName" : "setRecurringChargeAmount",
    "c2jName" : "RecurringChargeAmount",
    "c2jShape" : "Double",
    "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p><p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #recurringChargeAmount(Double)}. @param recurringChargeAmount a consumer that will call methods on {@link Double.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #recurringChargeAmount(Double)",
    "deprecated" : false,
    "documentation" : "<p>The monetary amount of the recurring charge.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "recurringChargeAmount",
    "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.
@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "recurringChargeAmount",
    "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@return The monetary amount of the recurring charge.",
    "getterModel" : {
      "returnType" : "Double",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "RecurringChargeAmount",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "RecurringChargeAmount",
      "uri" : false
    },
  }
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "DOUBLE",
"name": "RecurringChargeAmount",
"setterDocumentation": "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName": "setRecurringChargeAmount",
"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "recurringChargeAmount",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "recurringChargeAmount",
  "variableType": "Double",
  "documentation": "<p>The monetary amount of the recurring charge.</p>",
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"xmlNameSpaceUri": null
},
"RecurringChargeFrequency": {
  "beanStyleGetterMethodName": "getRecurringChargeFrequency",
  "beanStyleSetterMethodName": "setRecurringChargeFrequency",
  "c2jName": "RecurringChargeFrequency",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "<p>The frequency of the recurring charge.</p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via
[@link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link recurringChargeFrequency(String)].
@return Returns a reference to this object so that method calls can be chained together.
@see #recurringChargeFrequency(String)",
  "deprecated": false,
  "documentation": "<p>The frequency of the recurring charge.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeFrequency",
"fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>
@param recurringChargeFrequency The frequency of the recurring charge.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "<p>The frequency of the recurring charge.</p>
@return The frequency of the recurring charge.",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "RecurringChargeFrequency",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "RecurringChargeFrequency",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>
@param recurringChargeFrequency The frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "recurringChargeFrequency",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "recurringChargeFrequency",
"variableType" : "String",
"documentation" : "<p>The frequency of the recurring charge.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
}

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getRecurringChargeAmount",
"beanStyleSetterMethodName" : "setRecurringChargeAmount",
"c2jName" : "RecurringChargeAmount",
"c2jShape" : "Double",
"defaultValueDocumentation" : "<p>The monetary amount of the recurring charge.</p>"
}

This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually
via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is
called immediately and its result is passed to {@link #recurringChargeAmount(Double)}. The method
returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>The monetary amount of the recurring charge.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeAmount",
"fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>"

The monetary amount of the recurring charge.

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
The monetary amount of the recurring charge.

```java
public void setRecurringChargeAmount(double recurringChargeAmount) {
    this.recurringChargeAmount = recurringChargeAmount;
}
```

The frequency of the recurring charge.

```java
public void setRecurringChargeFrequency(String recurringChargeFrequency) {
    this.recurringChargeFrequency = recurringChargeFrequency;
}
```

This is a
convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link recurringChargeFrequency(String)\}.

When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link recurringChargeFrequency(String)\}.

```
recurringChargeFrequency a consumer that will call methods on \{@link String.Builder\}
```

```
return Returns a reference to this object so that method calls can be chained together.

see recurringChargeFrequency(String)
```
"setterDocumentation" : "The frequency of the recurring charge.\n\n@param recurringChargeFrequency\nThe frequency of the recurring charge.",
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "recurringChargeFrequency",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "recurringChargeFrequency",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RecurringCharge",
"simpleMethod" : false,
"unmarshaller" : {
   "flattened" : false,
   "resultWrapper" : null
},
"variable" : {
   "variableDeclarationType" : "RecurringCharge",
   "variableName" : "recurringCharge",
   "variableType" : "RecurringCharge",
   "documentation" : null,
   "simpleType" : "RecurringCharge",
   "variableSetterType" : "RecurringCharge"
},
"wrapper" : false,
"RemoveTagsRequest" : {
   "c2jName" : "RemoveTagsRequest",
   "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "xmlNameSpaceUri" : null
   }
}
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "&lt;p&gt;Container for the parameters to the &lt;code&gt;&lt;a&gt;RemoveTags&lt;/a&gt;&lt;/code&gt; operation. Specify the &lt;code&gt;ARN&lt;/code&gt; for the Elasticsearch domain from which you want to remove the specified &lt;code&gt;TagKey&lt;/code&gt;.&lt;/p&gt;",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "RemoveTags",
"locationName" : null,
"requestUri" : "/2015-01-01/tags-removal",
"target" : null,
"verb" : "POST",
"xmlNameSpaceUri" : null
},
"members" : [ {
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Specifies the &lt;code&gt;ARN&lt;/code&gt; for the Elasticsearch domain from which you want to delete the specified tags.&lt;/p&gt;
This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String#builder()}].
When the [{@link Consumer}] completes, [{@link String.Builder#build()}] is called immediately and its result is passed to [{@link #arn(String)}].
@see #arn(String)",
"deprecated" : false,
"documentation" : "&lt;p&gt;Specifies the &lt;code&gt;ARN&lt;/code&gt; for the Elasticsearch domain from which you want to delete the specified tags.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "&lt;p&gt;Specifies the &lt;code&gt;ARN&lt;/code&gt; for the Elasticsearch domain from which you want to delete the specified tags.&lt;/p&gt;
@param arn Specifies the &lt;code&gt;ARN&lt;/code&gt; for the Elasticsearch domain from which you want to delete the specified tags.&lt;/p&gt;
@see #arn(String)"
calls can be chained together.

"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags."

"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags."
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getTagKeys",
"beanStyleSetterMethodName" : "setTagKeys",
"c2jName" : "TagKeys",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>\n\nThis is a convenience that creates an instance of the { @link List&lt;String&gt; } Builder avoiding the need to create one manually via { @link List&lt;String&gt;#builder() }.\n\nWhen the { @link Consumer } completes, { @link List&lt;String&gt;#build() } is called immediately and its result is passed to { @link #tagKeys(List&lt;String&gt;) }.\n\n@see #tagKeys(List&lt;String&gt;)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #tagKeys(List&lt;String&gt;)",
"getterDocumentation" : "<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.
@see #tagKeys()
http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagKeys",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagKeys",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via {String.Builder}. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [member(String)]
    @param member a consumer that will call methods on [String.Builder]
    @return Returns a reference to this object so that method calls can be chained together.
    @see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.
    @param member The value of the Member property for this object.
    @return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.
    @return The value of the Member property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  }
}
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>" 
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
  
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
  "variableSetterType" : "java.util.Collection<String>"
  
  "xmlNameSpaceUri" : null
  ]
}

"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
    
    This is a convenience that creates an instance of the 
    
    [ @link String.Builder] avoiding the need to create one manually via { @link String#builder()}.\n
    When the { @link
Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #arn(String)}.

@returns Returns a reference to this object so that method calls can be chained together.

@see #arn(String)

"deprecated" : false,
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

@returns Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

@see #arn(String)

"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

@returns Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING","
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"TagKeys" : {
  "beanStyleGetterMethodName" : "getTagKeys",
  "beanStyleSetterMethodName" : "setTagKeys",
  "c2jName" : "TagKeys",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
This is a convenience that creates an instance of the [@link List<String>].Builder avoiding the need to create one manually via [@link List<String>#builder()].
When the [@link Consumer] completes, [@link List<String>.Builder#build()] is called immediately and its result is passed to [@link #tagKeys(List<String>)].
@param tagKeys a consumer that will call methods on [@link List<String>.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #tagKeys(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetMethodName" : "tagKeys",
  "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from
the Elasticsearch domain.

@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "tagKeys",
"getterDocumentation" : "Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException."

@return Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.

"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagKeys",
"queryString" : false,
"statusCode" : false,
"marshallLocationName" : "TagKeys",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #member(String)}."

@param member a consumer that will call methods on {@link String.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(String)
"deprecated" : false,
"documentation" : ""
null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetMethodName" : null,
"fluentEnumSetMethodName" : null,
"fluentGetMethodName" : "member",
"fluentSetDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of the Member property for this object."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together."
"setterGetMethodName" : "member",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String"
Specifies the `<code>TagKey</code>` list which you want to remove from the Elasticsearch domain.

```java
@Param tagKeys Specifies the `<code>TagKey</code>` list which you want to remove from the Elasticsearch domain.
```

```
```
"documentation" : "Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.";
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
  "xmlNameSpaceUri" : null
}]

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #arn(String)}. @return Returns a reference to this object so that method calls can be chained together.

  "deprecated" : false,
  "documentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

getterDocumentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getTagKeys",
"beanStyleSetterMethodName" : "setTagKeys",
"c2jName" : "TagKeys",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

This is a convenience that creates an instance of the { @link
List<String>.Builder} avoiding the need to create one manually via \{@link List<String>#builder()\}. When the \{@link Consumer\} completes, \{@link List<String>.Builder#build()\} is called immediately and its result is passed to \{@link tagKeys(List<String>)\}. Returns a reference to this object so that method calls can be chained together.\n
@see \#tagKeys(List<String>)

"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterMethodName" : "tagKeys",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.\n
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n
@return Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.\n
\n@see \#tagKeys(List<String>)",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagKeys",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagKeys",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #member(String)].

@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@see #member(String)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.

The value of the Member property for this object.

@see #member(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\nn@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.<p>\n@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "tagKeys",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "tagKeys",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN", "TagKeys" ],
"shapeName" : "RemoveTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"wrapper" : false
},
"RemoveTagsResponse" : {
    "c2jName" : "RemoveTagsResponse",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
"documentation" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RemoveTagsResponse",
"simpleMethod" : false,
"unmarshaller" : { 
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "RemoveTagsResponse",
  "variableName" : "removeTagsResponse",
  "variableType" : "RemoveTagsResponse",
  "documentation" : null,
  "simpleType" : "RemoveTagsResponse",
  "variableSetterType" : "RemoveTagsResponse"
},
"wrapper" : false
},
"ReservedElasticsearchInstance" : { 
  "c2jName" : "ReservedElasticsearchInstance",
  "customization" : { 
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Details of a reserved Elasticsearch instance.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 

  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "deprecated" : false,
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "_marshallLocation" : null,
    "httpHeader" : null,
    "marshaller" : null,
    "httpMethod" : null,
    "httpResponseCode" : null,
    "isResponsePayload" : false,
    "isStreamingResponse" : false,
    "methodName" : null,
    "operationName" : null,
    "requestBody" : null,
    "requestContentType" : null,
    "requestRequestBodyClass" : null,
    "requestResponseClass" : null,
    "responseContentClass" : null,
    "responseContentType" : null
  }
]
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
@param reservationName The customer-specified identifier to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
"c2jName" : "ReservedElasticsearchInstanceId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #reservedElasticsearchInstanceId(String)}.\n\n@return Returns a reference to this object so that method calls can be chained together."
#reservedElasticsearchInstanceId(String)

- `deprecated` : false,
- `documentation` : "<p>The unique identifier for the reservation.</p>",
- `enumType` : null,
- `eventHeader` : false,
- `eventPayload` : false,
- `fluentEnumGetterMethodName` : null,
- `fluentEnumSetterMethodName` : null,
- `fluentGetterMethodName` : "reservedElasticsearchInstanceId",
- `fluentSetterDocumentation` : "<p>The unique identifier for the reservation.</p>
@param reservedElasticsearchInstanceId The unique identifier for the reservation.
@return Returns a reference to this object so that method calls can be chained together."
- `fluentSetterMethodName` : "reservedElasticsearchInstanceId",
- `getterDocumentation` : "<p>The unique identifier for the reservation.</p>
@return The unique identifier for the reservation.
- `getterModel` : {
  "returnType" : "String",
  "documentation" : null
},
- `http` : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
  "uri" : false
},
- `idempotencyToken` : false,
- `isBinary` : false,
- `jsonValue` : false,
- `list` : false,
- `listModel` : null,
- `map` : false,
- `mapModel` : null,
- `marshallingType` : "STRING",
- `name` : "ReservedElasticsearchInstanceId",
- `setterDocumentation` : "<p>The unique identifier for the reservation.</p>
@param reservedElasticsearchInstanceId The unique identifier for the reservation.
@return The unique identifier for the reservation.
- `setterMethodName` : "setReservedElasticsearchInstanceId",
- `setterModel` : {

"variableDeclarationType": "String",
"variableName": "reservedElasticsearchInstanceId",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": "<p>The unique identifier for the reservation.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
  "beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferingId",
  "c2jName": "ReservedElasticsearchInstanceOfferingId",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "<p>The offering identifier.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferingId(String)}\n\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
  "deprecated": false,
  "documentation": "<p>The offering identifier.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation": "<p>The offering identifier.</p>\n@param reservedElasticsearchInstanceOfferingId The offering identifier\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation": "<p>The offering identifier.</p>\n@return The offering identifier.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationsName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationsName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString", }
"beanStyleSetterMethodName" : "setElasticsearchInstanceType",
"c2jName" : "ElasticsearchInstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #elasticsearchInstanceTypeAsString(String)].
@see ElasticsearchInstanceType
@param elasticsearchInstanceType a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@deprecated" : false,
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
If the service returns an enum value that is not available in the current SDK version, [@link #elasticsearchInstanceType] will return [@link #UNKNOWN_TO_SDK_VERSION].
The raw value returned by the service is available from [@link #elasticsearchInstanceTypeAsString].
@see ElasticsearchInstanceType
@return The Elasticsearch instance type offered by the reserved instance offering.
@see ESPartitionInstanceType
@getters
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
<p>
If the service returns an enum value that is not available in the current SDK version, [@link #elasticsearchInstanceType] will return [@link #UNKNOWN_TO_SDK_VERSION].
The raw value returned by the service is available from [@link #elasticsearchInstanceTypeAsString].
@see ElasticsearchInstanceType
@return The Elasticsearch instance type offered by the reserved instance offering.
@see ESPartitionInstanceType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceType",
  "uri" : false
The Elasticsearch instance type offered by the reserved instance offering.

```
@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.
@see ESPartitionInstanceType
```

```
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "The Elasticsearch instance type offered by the reserved instance offering.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStartTime",
"beanStyleSetterMethodName" : "setStartTime",
"c2jName" : "StartTime",
"c2jShape" : "UpdateTimestamp",
"defaultConsumerFluentSetterDocumentation" : "The time the reservation started."
```

This is a convenience that creates an instance of the Instant.Builder avoiding the need to create one manually via Instant#builder(). When the Consumer completes, Instant.Builder#build() is called immediately and its result is passed to #startTime(Instant) and return a consumer that will call methods on Instant.Builder. Returns a reference to this object so that method calls can be chained together.

```
@see #startTime(Instant)
```

```
deprecated" : false,
"documentation" : "The time the reservation started.",
"enumType" : null,
"eventHeader" : false,
```

"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "The time the reservation started.
@param startTime The time the reservation started.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "The time the reservation started.
@return The time the reservation started.",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTime",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTime",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "The time the reservation started.
@param startTime The time the reservation started.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setStartTime",
"setterModel" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "startTime",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"}
}
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : "The time the reservation started.",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved. This is a convenience that creates an instance of the @link Integer.Builder avoiding the need to create one manually via @link Integer#builder(). When the @link Consumer completes, @link Integer.Builder#build() is called immediately and its result is passed to @link #duration(Integer). @param duration a consumer that will call methods on @link Integer.Builder @return Returns a reference to this object so that method calls can be chained together.@see #duration(Integer)",
  "deprecated" : false,
  "documentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "duration",
  "fluentSetterDocumentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved. @param duration The duration, in seconds, for which the Elasticsearch instance is reserved. @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "duration",
  "getterDocumentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "getterModel" : {
    "returnType" : "Integer",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Duration",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Duration",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "Duration",
"setterDocumentation": "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
"setterMethodName": "setDuration",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null,
"
"beanStyleGetterMethodName": "getFixedPrice",
"beanStyleSetterMethodName": "setFixedPrice",
"c2jName": "FixedPrice",
"c2jShape": "Double",
"defaultConsumerFluentSetterDocumentation": "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>This is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}.

When the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
### fixedPrice(Double)

@param fixedPrice a consumer that will call methods on [Double.Builder]

@return Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)

"deprecated" : false,
"documentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

@returns a reference to this object so that method calls can be chained together."

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

@returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

@returns a reference to this object so that method calls can be chained together."

"getterModel" : {
   "returnType" : "Double",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "FixedPrice",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "FixedPrice",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice"
"setterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.</p>
@param fixedPrice The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering."

"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.</p>
"simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getUsagePrice",
"beanStyleSetterMethodName" : "setUsagePrice",
"c2jName" : "UsagePrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance. This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #usagePrice(Double)}.

@see #usagePrice(Double)
"deprecated" : false,
"documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
"param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance. @return Returns a reference to this object so that method calls can be chained together."}
"fluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>@return The rate you are charged for each hour for the domain that is using this reserved instance.",
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved
instance.</p>@param usagePrice The rate you are charged for each hour for the domain that is using this reserved
instance.",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
"variableDeclarationType" : "Double",
"variableName" : "usagePrice",
"variableType" : "Double",
"documentation" : null,
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Double",null,
"variableType" : "Double",
"variableSetterType" : "Double"}
"variableName" : "usagePrice",
"variableType" : "Double",
"documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>",
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n\nThis is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via [ @link String#builder() ].\n\nWhen the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #currencyCode(String) ].\n\n@param currencyCode a consumer that will call methods on [ @link String.Builder ]\n\n@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n\nThis is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via [ @link String#builder() ].\n\nWhen the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #currencyCode(String) ].\n\n@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n\n@see #currencyCode(String)",
"classmethod" : false,
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>\n\n@getters\n\nReturn The currency code for the reserved Elasticsearch instance offering.\n\n@returns The currency code for the reserved Elasticsearch instance offering.\n\n"getterModel" : {\n "returnType" : "String",
 "documentation" : null
 },
"http" : {\n "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallerLocation" : "PAYLOAD",
 "marshallerLocationName" : "CurrencyCode",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrencyCode",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "&lt;p&gt;The currency code for the reserved Elasticsearch instance offering.&lt;/p&gt;
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "&lt;p&gt;The currency code for the reserved Elasticsearch instance offering.&lt;/p&gt;",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
{"beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
"beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
"c2jName" : "ElasticsearchInstanceCount",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The number of Elasticsearch instances that have been reserved.&lt;/p&gt;
\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchInstanceCount(Integer)}.\n\n@param elasticsearchInstanceCount a consumer that will call methods on {@link Integer.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceCount(Integer)"
"deprecated" : false,
"documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@return The number of Elasticsearch instances that have been reserved.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
 },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceCount",
  "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
}
"variableName": "elasticsearchInstanceCount",
"variableType": "Integer",
"documentation": null,
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Integer",
"variableName": "elasticsearchInstanceCount",
"variableType": "Integer",
"documentation": "<p>The number of Elasticsearch instances that have been reserved.</p>",
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"
"beanStyleGetterMethodName": "getState",
".beanStyleSetterMethodName": "setState",
"c2jName": "State",
"c2jShape": "String",
"defaultConsumerFluentSetterDocumentation": 
"<p>The state of the reserved Elasticsearch instance.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, the
{@link String.Builder#build()} is called immediately and its result is passed to
the consumer that will call methods on
{

@param state a consumer that will call methods on

@return Returns a reference to this object so that method calls can be chained together.

@see #state(String)

"deprecated": false,
"documentation": "<p>The state of the reserved Elasticsearch instance.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "state",
"fluentSetterDocumentation": "<p>The state of the reserved Elasticsearch instance.

The state of the reserved Elasticsearch instance. Returns a reference to this object so that method calls can be
chained together.

@see #state(String)

"deprecated": false,
"documentation": "<p>The state of the reserved Elasticsearch instance.

The state of the reserved Elasticsearch instance. Returns the state of the reserved Elasticsearch instance.

@return The state of the reserved Elasticsearch instance.

@see #state(String)

"returnType": "String",
"documentation": null
}
,"http": {”}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "State",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "State",
"uri" : false}
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.\n@param state The state of the reserved Elasticsearch instance.\n</p>\n@param state The state of the reserved Elasticsearch instance.\n",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()`. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `ReservedElasticsearchInstancePaymentOptionAsString(String)`. The payment option as defined in the reserved Elasticsearch instance offering.

If the service returns an enum value that is not available in the current SDK version, `ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION`. The raw value returned by the service is available from `ReservedElasticsearchInstancePaymentOption#paymentOptionAsString()`. The payment option as defined in the reserved Elasticsearch instance offering.
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "The payment option as defined in the reserved Elasticsearch instance offering. The payment option as defined in the reserved Elasticsearch instance offering.\n@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "paymentOption",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getRecurringCharges",
"beanStyleSetterMethodName" : "setRecurringCharges",
"c2jName" : "RecurringCharges",
"c2jShape" : "RecurringChargeList",
"defaultConsumerFluentSetterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.\nThis is a convenience that creates an instance of the \{ @link List<RecurringCharge>.Builder\} avoiding the need to create one manually via \{ @link List<RecurringCharge>#builder\}.\n\nWhen the \{ @link Consumer\} completes, \{ @link List<RecurringCharge>.Builder#build\} is called immediately and its result is passed to \{ @link #recurringCharges(List<RecurringCharge>)\}.\n\n@param recurringCharges a consumer that will call methods on \{ @link List<RecurringCharge>.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)",
"deprecated" : false,
"documentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering."},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterMethodName" : "recurringCharges",
"getFluentDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.
@return Returns a reference to this object so that
method calls can be chained together.",
"getFluentMethodName" : "recurringCharges",
"getFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.</p>
@<p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The charge to your account regardless of whether you are
creating any domains using the instance offering.",
"getFluentSetterMethodName" : "recurringCharges",

"getterModel" : {
"returnType" : "java.util.List<RecurringCharge>",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringCharges",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringCharges",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "RecurringCharge",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
This is a convenience that creates an instance of the `RecurringCharge.Builder` avoiding the need to create one manually via `RecurringCharge#builder()`. When the `Consumer` completes, `RecurringCharge.Builder#build()` is called immediately and its result is passed to `#member(RecurringCharge)`.

```java
@see #member(RecurringCharge)
```

The new value for the Member property for this object.

```java
@return Returns a reference to this object so that method calls can be chained together.
```

```java
@link Consumer
```

```java
Member a consumer that will call methods on `RecurringCharge.Builder`.
```

```java
@return Returns a reference to this object so that method calls can be chained together.
```

```java
@link RecurringCharge.Builder
```

```java
@link #member(RecurringCharge)
```

```java
@see #member(RecurringCharge)
```
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"xmlnsSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.

@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>"
"variableSetterType" : "java.util.Collection<RecurringCharge>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>",
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
"CurrencyCode" : {
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch
instance offering.</p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the
need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #currencyCode(String)}.
@<param>currencyCode a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>
@<param>currencyCode The currency code for the reserved Elasticsearch instance offering.
@return Returns a reference to this object so that method calls can be chained together.
@see #currencyCode(String)",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance
offering.</p>
@<getter>currencyCode
@</getter>
@return The currency code for the reserved Elasticsearch instance offering.
@see #currencyCode(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"c2jName" : "Duration",
"c2jShape" : "Integer",

"defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder}.\n\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #duration(Integer)}.
\n@param duration a consumer that will call methods on {@link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #duration(Integer)",

"deprecated" : false,

"documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "duration",

"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.
\n@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "duration",

"getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
\n@return The duration, in seconds, for which the Elasticsearch instance is reserved.",

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchInstanceCount" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
  "c2jName" : "ElasticsearchInstanceCount",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
  <p>This is a convenience that creates an instance of the { [@link Integer.Builder] } avoiding the need to create one manually via { [@link Integer.Builder#builder()] }. When the { [@link Integer.Builder] } completes, { [@link Integer.Builder#build()] } is called immediately and its result is passed to { [@link ElasticsearchInstanceCount#elasticsearchInstanceCount(Integer)] } a consumer that will call methods on { [@link Integer.Builder] } and returns a reference to this object so that method calls can be chained together.  <p>@see #elasticsearchInstanceCount(Integer)
</p>
"applicationType":false,
"documentation":null,
"eventHeader":false,
"eventPayload":false,
"fluentEnumGetterMethodName":null,
"fluentEnumSetterMethodName":null,
"fluentGetterMethodName":null,
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
"applicationType":false,
"documentation":null,
"eventHeader":false,
"eventPayload":false,
"fluentEnumGetterMethodName":null,
"fluentEnumSetterMethodName":null,
"fluentGetterMethodName":null,
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
"applicationType":false,
"documentation":null,
"eventHeader":false,
"eventPayload":false,
"fluentEnumGetterMethodName":null,
"fluentEnumSetterMethodName":null,
"fluentGetterMethodName":null,
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
"applicationType":false,
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "&lt;p&gt;The number of Elasticsearch instances that have been reserved.&lt;/p&gt;",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "&lt;p&gt;The number of Elasticsearch instances that have been reserved.&lt;/p&gt;",
"setterMethodIdName" : "setElasticsearchInstanceCount",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "elasticsearchInstanceCount",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "elasticsearchInstanceCount",
"variableType" : "Integer",
"documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchInstanceType" : {
"beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
"beanStyleSetterMethodName" : "setElasticsearchInstanceType",
"c2jName" : "ElasticsearchInstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering. The Elasticsearch instance type offered by the reserved instance offering.</p>\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #elasticsearchInstanceTypeAs(String)]\n\n@see #elasticsearchInstanceTypeAs(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\n\n@see #elasticsearchInstanceTypeAs(String)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see ESPartitionInstanceType\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see ESPartitionInstanceType",
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n\nIf the service returns an enum value that is not available in the current SDK version, [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #elasticsearchInstanceTypeAs(String)].\n\n@see ESPartitionInstanceType",
"getterModel" : {
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"documentation" : null
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"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ElasticsearchInstanceType",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchInstanceType",
"uri": false
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"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ElasticsearchInstanceType",
"setterDocumentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.@see ESPartitionInstanceType",
"setterMethodName": "setElasticsearchInstanceType",
"setterModel": {
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  "variableName": "elasticsearchInstanceType",
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  "documentation": null,
  "simpleType": "String",
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"simple": true,
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"variable": {
  "variableDeclarationType": "String",
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  "variableType": "String",
  "documentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
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"xmlNameSpaceUri": null
},
"FixedPrice": {
  "beanStyleGetterMethodName": "getFixedPrice",
  "beanStyleSetterMethodName": "setFixedPrice",
  "c2jName": "FixedPrice",
  "simple": true,
  "timestampFormat": null,
  "variable": {
    "variableDeclarationType": "String",
    "variableName": "fixedPrice",
    "variableType": "String",
    "documentation": "<p>The fixed price offered by the reserved instance offering.</p>",
    "simpleType": "String",
    "variableSetterType": "String"
  }
}
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double.builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. In param fixedPrice a consumer that will call methods on {@link Double.Builder}.

@method fixedPrice(Double)

Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)"
"deprecated" : false,
"documentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

@method fixedPrice

Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice"
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

@method fixedPrice

Returns the upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering."
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "FixedPrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "FixedPrice",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will be paid to purchase the specific reserved Elasticsearch instance offering.</p>
@param fixedPrice The upfront fixed charge you will be paid to purchase the specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
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  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will be paid to purchase the specific reserved Elasticsearch instance offering.</p>
"simpleType" : "Double",
  "variableSetterType" : "Double"
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"xmlNameSpaceUri" : null,
"PaymentOption" : {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>
@see #getPaymentOptionAsString(String)",
  "deprecated" : false,
  "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "getPaymentOptionAsString"}
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetMethodMethodName" : "paymentOptionAsString",

"fluentSetterDocumentation" : "\<p\>The payment option as defined in the reserved Elasticsearch instance
offering.\n\@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n\@see ReservedElasticsearchInstancePaymentOption\n\@return Returns a reference to this object so that
method calls can be chained together.\n\@see ReservedElasticsearchInstancePaymentOption",

"fluentSetterMethodName" : "paymentOption",

"getterDocumentation" : "\<p\>The payment option as defined in the reserved Elasticsearch instance
offering.\n\nIf the service returns an enum value that is not available in the current SDK version, \[@link
ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION\]. The raw value returned by the
service is available from \[@link #paymentOptionAsString\].\n\n\@return The payment option as defined in the
reserved Elasticsearch instance offering.\n\@see ReservedElasticsearchInstancePaymentOption",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
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  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
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"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "PaymentOption",

"setterDocumentation" : "\<p\>The payment option as defined in the reserved Elasticsearch instance
offering.\n\@param paymentOption The payment option as defined in the reserved Elasticsearch instance
offering.\n\@see ReservedElasticsearchInstancePaymentOption",

"setterMethodName" : "setPaymentOption",

"setterModel" : {
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}
"variableName" : "paymentOption",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "The payment option as defined in the reserved Elasticsearch instance offering.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"RecurringCharges" : {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering. This is a convenience that creates an instance of the \{ @link List<RecurringCharge>.Builder \} avoiding the need to create one manually via \{ @link List<RecurringCharge>#builder() \}. When the \{ @link Consumer \} completes, \{ @link List<RecurringCharge>.Builder#build() \} is called immediately and its result is passed to \{ @link #recurringCharges(List<RecurringCharge>) \}.\n\n@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@see #recurringCharges(List<RecurringCharge>)",
  "fluentSetterMethodName" : "recurringCharges",
  "getterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@see #recurringCharges(List<RecurringCharge>)"
creating any domains using the instance offering.

```
"getterModel": {
  "returnType": "java.util.List<RecurringCharge>",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "RecurringCharges",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "RecurringCharges",
  "uri": false
},

"idempotencyToken": false,

"list": true,

"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
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    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the \[@link RecurringCharge.Builder\] avoiding the need to create one manually via \[@link RecurringCharge#builder()\].\n\nWhen the \[@link Consumer\] completes, \[@link RecurringCharge.Builder#build()\] is called immediately and its result is passed to \[@link #member(RecurringCharge)\].\n\n@see member(RecurringCharge)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
```

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"fluentSetterDocumentation" : "Sets the value of the Member property for this object.
@n@param member The new value for the Member property for this object.
@n@return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "RecurringCharge",
  "documentation" : null
},
"http" : {
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
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  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
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"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@n@param member The new value for the Member property for this object.
@n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
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  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
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  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : "",
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"xmlNameSpaceUri" : null
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"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
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"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.
",
"setterMethodId" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNameSpaceUri" : null
"ReservationName" : {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
  This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
  When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to the caller.
  @param reservationName a consumer that will call methods on String.Builder
  @return Returns a reference to this object so that method calls can be chained together.
  @see #reservationName(String)",
  "deprecated" : false,
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
  @param reservationName The customer-specified identifier to track this reservation.
  @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
  @return The customer-specified identifier to track this reservation.",
  "getterModel" : {
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    "documentation" : null
  },
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    "greedy" : false,
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    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
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"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservationName",
"setterDocumentation": "<p>The customer-specified identifier to track this reservation.</p>
@param reservationName The customer-specified identifier to track this reservation.",
"setterMethodName": "setReservationName",
"setterModel": {
 "variableDeclarationType": "String",
 "variableName": "reservationName",
 "variableType": "String",
 "documentation": null,
 "simpleType": "String",
 "variableSetterType": "String"
 },
"simple": true,
"timestampFormat": null,
"variable": {
 "variableDeclarationType": "String",
 "variableName": "reservationName",
 "variableType": "String",
 "documentation": "<p>The customer-specified identifier to track this reservation.</p>",
 "simpleType": "String",
 "variableSetterType": "String"
 },
"xmlNameSpaceUri": null,
"ReservedElasticsearchInstanceId": {
 "beanStyleGetterMethodName": "getReservedElasticsearchInstanceId",
 "beanStyleSetterMethodName": "setReservedElasticsearchInstanceId",
 "c2jName": "ReservedElasticsearchInstanceId",
 "c2jShape": "GUID",
 "defaultConsumerFluentSetterDocumentation": "<p>The unique identifier for the reservation.</p>
@param reservedElasticsearchInstanceId a consumer that will call methods on <link String.Builder>\n@return Returns a reference to this object so that method calls can be chained together.<p> reservedElasticsearchInstanceId(\nThis is a convenience that creates an instance of the <link String.Builder> avoiding the need to create one manually via \nWhen the <link Consumer> completes, <link String.Builder#build()> is called immediately and its result is passed to <link #reservedElasticsearchInstanceId(String)>\n@deprecated false,
 "documentation": "<p>The unique identifier for the reservation.</p>",
 "enumType": null,
 "eventHeader": false,
 "eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstanceId",
"fluentSetterDocumentation": "<p>The unique identifier for the reservation.</p>
@param reservedElasticsearchInstanceId The unique identifier for the reservation.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "reservedElasticsearchInstanceId",
"getterDocumentation": "<p>The unique identifier for the reservation.</p>
@return The unique identifier for the reservation.",
"getModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ReservedElasticsearchInstanceId",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ReservedElasticsearchInstanceId",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceId",
"setterDocumentation": "<p>The unique identifier for the reservation.</p>
@param reservedElasticsearchInstanceId The unique identifier for the reservation.
@return The unique identifier for the reservation.",
"setterMethodName": "setReservedElasticsearchInstanceId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [#reservedElasticsearchInstanceOfferingId(String)].
@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferingId(String)"
,  "deprecated" : false,
  "documentation" : "<p>The offering identifier.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier.
@return Returns a reference to this object so that method calls can be chained together.
",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The offering identifier.</p>
@return The offering identifier.
",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
The offering identifier.

The offering identifier.

The time the reservation started.

This is a
convenience that creates an instance of the [@link Instant.Builder] avoiding the need to create one manually via
[@link #builder()].
When the [@link Consumer] completes, [@link #build()] is called immediately and its result is passed to
[@link #startTime(Instant)].

@returns Returns a reference to this object so that method calls can be chained together.

@see #startTime(Instant)

--

"deprecated" : false,
"documentation" : "<p>The time the reservation started.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "<p>The time the reservation started.</p>
@returns The time the reservation started.
@returns Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>
@returns The time the reservation started.
@returns Returns a reference to this object so that method calls can be chained together.
",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTime",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTime",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p>
@returns The time the reservation started.
@returns Returns a reference to this object so that method calls can be chained together.
"
reservation started.

"setterMethodName" : "setStartTime",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : "The time the reservation started.",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
"State" : {
  "beanStyleGetterMethodName" : "getState",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "The state of the reserved Elasticsearch instance.

This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].

When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link state(String)].

@returns a reference to this object so that method calls can be chained together.

@see #state(String)

"deprecated" : false,
"documentation" : "The state of the reserved Elasticsearch instance.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "state",
"fluentSetterDocumentation" : "The state of the reserved Elasticsearch instance.

@returns a reference to this object so that method calls can be chained together.

@see #state(String)

"fluentSetterMethodName" : "state",
"getterDocumentation" : "The state of the reserved Elasticsearch instance.

@returns The state of the reserved Elasticsearch instance.

@getters
"getterModel" : {

"returnType": "String",
"documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "State",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "State",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "State",
"setterDocumentation": "<p>The state of the reserved Elasticsearch instance.</p>
@param state The state of the reserved Elasticsearch instance.",
"setterMethodName": "setState",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": "<p>The state of the reserved Elasticsearch instance.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
"UsagePrice" : {
    "beanStyleGetterMethodName" : "getUsagePrice",
    "beanStyleSetterMethodName" : "setUsagePrice",
    "c2jName" : "UsagePrice",
    "c2jShape" : "Double",
    "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
    This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}.
    When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #usagePrice(Double)}.
    
    @param usagePrice a consumer that will call methods on {@link Double.Builder}
    @return Returns a reference to this object so that method calls can be chained together.
    
    The rate you are charged for each hour for the domain that is using this reserved instance.
    
    "documentation" : "The rate you are charged for each hour for the domain that is using this reserved instance.
    
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "usagePrice",
    "fluentSetterDocumentation" : "The rate you are charged for each hour for the domain that is using this reserved instance.
    
    "getEmail" : "Double",
    "fluentSetterMethodName" : "usagePrice",
    "getDocumentation" : "The rate you are charged for each hour for the domain that is using this reserved instance.
    
    "getEmail" : "Double",
    "getterDocumentation" : "The rate you are charged for each hour for the domain that is using this reserved instance.
    
    "getEmail" : "Double",
    "getterModel" : {
        "returnType" : "Double",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UsagePrice",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UsagePrice"
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
@param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.
",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}
"
"
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getReservationName",
    "beanStyleSetterMethodName" : "setReservationName",
    "c2jName" : "ReservationName",
    "c2jShape" : "ReservationToken",
    "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.

When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #reservationName(String) }.

@param reservationName a consumer that will call methods on { @link String.Builder }
@return Returns a reference to this object so that method calls can be chained together.
@see
#reservationName(String)

- `deprecated` : false
- `documentation` : "<p>The customer-specified identifier to track this reservation.</p>"
- `enumType` : null
- `eventHeader` : false
- `eventPayload` : false
- `fluentEnumGetterMethodName` : null
- `fluentEnumSetterMethodName` : null
- `fluentGetterMethodName` : "reservationName",
- `fluentSetterDocumentation` : "<p>The customer-specified identifier to track this reservation.</p>
  @param reservationName The customer-specified identifier to track this reservation.
  @return Returns a reference to this object so that method calls can be chained together."
- `fluentSetterMethodName` : "reservationName",
- `getterDocumentation` : "<p>The customer-specified identifier to track this reservation.</p>
  @return The customer-specified identifier to track this reservation."
- `getterModel` : {
  "returnType" : "String",
  "documentation" : null
},
- `http` : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},
- `idempotencyToken` : false,
- `isBinary` : false,
- `jsonValue` : false,
- `list` : false,
- `listModel` : null,
- `map` : false,
- `mapModel` : null,
- `marshallingType` : "STRING",
- `name` : "ReservationName",
- `setterDocumentation` : "<p>The customer-specified identifier to track this reservation.</p>
  @param reservationName The customer-specified identifier to track this reservation."
- `setterMethodName` : "setReservationName",
- `setterModel` : {"returnType" : "String","documentation" : null}
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\nWhen the {@link Consumer} completes, the method is called immediately and its result is passed to {reservedElasticsearchInstanceId(String)}\n\n@deprecated\n\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the reservation.</p>\n",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>\n\n@param reservedElasticsearchInstanceId The unique identifier for the reservation.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
  "getterDocumentation" : "<p>The unique identifier for the reservation.</p>\n\n@see #reservedElasticsearchInstanceId(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "ReservedElasticsearchInstanceId",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "ReservedElasticsearchInstanceId",
    "uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceId",
"setterDocumentation": "<p>The unique identifier for the reservation.</p>@param reservedElasticsearchInstanceId The unique identifier for the reservation.",
"setterMethodName": "setReservedElasticsearchInstanceId",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "reservedElasticsearchInstanceId",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "reservedElasticsearchInstanceId",
    "variableType": "String",
    "documentation": "<p>The unique identifier for the reservation.</p>",
    "simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.

When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferingId(String)}.

@see #reservedElasticsearchInstanceOfferingId(String)

"deprecated" : false,
"documentation" : "<p>The offering identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The offering identifier.</p>
@return The offering identifier.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId
The offering identifier.”,
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier.</p>
  <p>The offering identifier.</p>
  <p>The offering identifier.</p>
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The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, `ElasticsearchInstanceType#UNKNOWN_TO_SDK_VERSION` will return `ElasticsearchInstanceType#UNKNOWN_TO_SDK_VERSION`. The raw value returned by the service is available from `ElasticsearchInstanceTypeAsString()`.

```java
public ElasticsearchInstanceType getElasticsearchInstanceType()

public ElasticsearchInstanceType setElasticsearchInstanceType(String value)
```

**marshaller type:** `STRING`
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchInstanceType",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getStartTime",
"beanStyleSetterMethodName" : "setStartTime",
"c2jName" : "StartTime",
"c2jShape" : "UpdateTimestamp",
"defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>
 This is a convenience that creates an instance of the @link Instant.Builder avoiding the need to create one manually via
 @link Instant#builder().</p>
 When the @link Consumer completes, @link Instant.Builder#build() is called immediately and its result is passed to
 @link #startTime(Instant) at param startTime a consumer that will call
methods on @link Instant.Builder@return Returns a reference to this object so that method calls can be chained
together.
@see #startTime(Instant)",
"deprecated" : false,
"documentation" : "<p>The time the reservation started.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTime",
"fluentSetterDocumentation" : "<p>The time the reservation started.</p>
 @param startTime The time the reservation started.
 @return Returns a reference to this object so that method calls can be chained together.",
 "fluentSetterMethodNames" : "startTime",
"getterDocumentation" : "<p>The time the reservation started.</p>
 @return The time the reservation started.",
"getterModel" : {
 "returnType" : "java.time.Instant",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTime",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTime",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p>
@param startTime The time the reservation started."
, "setterMethodName" : "setStartTime",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTime",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>The time the reservation started.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
{"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
\nThis is a convenience that creates an instance of the \{ @link Integer.Builder \} avoiding the need to create one manually via \{ @link Integer#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link
Integer.Builder#build()} is called immediately and its result is passed to {@link #duration(Integer)}.

@see #duration(Integer)

@deprecated

**documentation**:

"<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>"

**enumType**: null,

**eventHeader**: false,

**eventPayload**: false,

**fluentEnumGetterMethodName**: null,

**fluentEnumSetterMethodName**: null,

**fluentGetterMethodName**: "duration",

**fluentSetterDocumentation**:

"<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>"

**return**:

"Returns a reference to this object so that method calls can be chained together.".

**setterDocumentation**:

"<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>"

**returnType**: "Integer",

**documentation**: null

},

"http": {

"additionalMarshallingPath": null,

"additionalUnmarshallingPath": null,

"flattened": false,

"greedy": false,

"header": false,

"isPayload": false,

"isStreaming": false,

"location": null,

"marshallLocation": "PAYLOAD",

"marshallLocationName": "Duration",

"queryString": false,

"statusCode": false,

"unmarshallLocationName": "Duration",

"uri": false

},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "INTEGER",

"name": "Duration",

"setterDocumentation": "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>"

@see #duration(Integer)".
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved.",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getFixedPrice",
"beanStyleSetterMethodName" : "setFixedPrice",
"c2jName" : "FixedPrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. This is a convenience that creates an instance of the [Double.Builder] avoiding the need to create one manually via [Double#builder()].
When the [Double.Consumer] completes, [Double.Builder#build()] is called immediately and its result is passed to [Double#fixedPrice(Double)].

@see #fixedPrice(Double)",
"deprecated" : false,
"documentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
"getters" : null,
"hasGetter" : null,
"hasSetter" : null,
"isEnum" : null,
"isList" : null,
"isMap" : null,
"isWrapper" : null,
"namespace" : null,
"reference" : null,
"simple" : false,
"timestampFormat" : null,
"getterModel": {
  "returnType": "Double",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "FixedPrice",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "FixedPrice",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "DOUBLE",
"name": "FixedPrice",
"setterDocumentation": "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.\n@param fixedPrice The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.",
"setterMethodName": "setFixedPrice",
"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch..."
instance offering. </p>

"simpleType" : "Double",
"variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getUsagePrice",
"beanStyleSetterMethodName" : "setUsagePrice",
"c2jName" : "UsagePrice",
"c2jShape" : "Double",
"defaultValueConsumerFluentSetterDocumentation" : "\pnThe rate you are charged for each hour for the domain that is using this reserved instance.\n
This is a convenience that creates an instance of the \{ @link Double.Builder \}
avoiding the need to create one manually via \{ @link Double#builder() \}.\n
When the \{ @link Consumer \} completes, \{ @link Double.Builder#build() \} is called immediately and its result is passed to \{ @link
#usagePrice(Double) \}.\n
@return Returns a reference to this object so that method calls can be chained together.\n
@see #usagePrice(Double)",
"deprecated" : false,
"documentation" : "\pnThe rate you are charged for each hour for the domain that is using this reserved instance.\n",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "\pnThe rate you are charged for each hour for the domain that is using this reserved instance.\n
The rate you are charged for each hour for the domain that is using this reserved instance.\n
@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "\pnThe rate you are charged for each hour for the domain that is using this reserved instance.\n
The rate you are charged for each hour for the domain that is using this reserved instance.\n
@return The rate you are charged for each hour for the domain that is using this reserved instance.\n",
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
The rate you are charged for each hour for the domain that is using this reserved instance.

@see currencyCode(String)
"variableName" : "currencyCode",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "currencyCode",
"variableType" : "String",
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
"beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
"c2jName" : "ElasticsearchInstanceCount",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p><br/>&nbsp;\nThis is a convenience that creates an instance of the [ @link Integer.Builder ] avoiding the need to create one manually via { @link Integer#builder() }.
\nWhen the [ @link Consumer ] completes, { @link Integer.Builder#build() } is called immediately and its result is passed to { @link ElasticsearchInstanceCount( Integer ) }.
\n@returns Returns a reference to this object so that method calls can be chained together.
\n@see #elasticsearchInstanceCount( Integer )",
"deprecated" : false,
"documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.
\n@returns Returns a reference to this object so that method calls can be chained together.
\n@see #elasticsearchInstanceCount( Integer )",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
\n@returns The number of Elasticsearch instances that have been reserved.
\n@see #elasticsearchInstanceCount( Integer )",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "The number of Elasticsearch instances that have been reserved."
@param
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer",
 "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "elasticsearchInstanceCount",
 "variableType" : "Integer",
 "documentation" : "The number of Elasticsearch instances that have been reserved."
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getState",
"beanStyleSetterMethodName" : "setState",
"c2jName" : "State",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #state(String)}. @param state a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #state(String)",
"deprecated" : false,
"documentation" : "The state of the reserved Elasticsearch instance.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "state",
"fluentSetterMethodName" : "state",
"getterDocumentation" : "The state of the reserved Elasticsearch instance.
@return The state of the reserved Elasticsearch instance.
@return The state of the reserved Elasticsearch instance.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.
@\param state The state of the reserved Elasticsearch instance.\\n</p>"\n"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getPaymentOptionAsString",
"beanStyleSetterMethodName" : "setPaymentOption",
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved
Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the \{@link String.Builder\}
avoiding the need to create one manually via \{@link String#builder()\}.\nWhen the \{@link Consumer\} completes,
\{@link String.Builder#build()\} is called immediately and its result is passed to \{@link
#paymentOptionAsStrin(String(String))\}.\n\@param paymentOption a consumer that will call methods on \{@link
String.Builder\}\n\@return Returns a reference to this object so that method calls can be chained together.\n\@see #paymentOption(String)\",
"deprecated" : false,
"documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>"",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance
offering.</p>\n\@param paymentOption The payment option as defined in the reserved Elasticsearch instance

offering.

```java
@see ReservedElasticsearchInstancePaymentOption
\n@returns Returns a reference to this object so that method calls can be chained together.
@see ReservedElasticsearchInstancePaymentOption

"fluentSetterMethodName" : "paymentOption",
"setterDocumentation" : "The payment option as defined in the reserved Elasticsearch instance offering. If the service returns an enum value that is not available in the current SDK version, [ @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION ] will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from [ @link ReservedElasticsearchInstancePaymentOptionAsString ].

\n@returns The payment option as defined in the reserved Elasticsearch instance offering.
@see ReservedElasticsearchInstancePaymentOption

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "The payment option as defined in the reserved Elasticsearch instance offering.

\n@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.
@see ReservedElasticsearchInstancePaymentOption

"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
```
"variableSetterType": "String",
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "paymentOption",
"variableType": "String",
"documentation": "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getRecurringCharges",
"beanStyleSetterMethodName": "setRecurringCharges",
"c2jName": "RecurringCharges",
"c2jShape": "RecurringChargeList",
"defaultConsumerFluentSetterDocumentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
\nThis is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}.\n\nWhen the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link List<RecurringCharges(List<RecurringCharge>)}.\n\n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #recurringCharges(List<RecurringCharge>)",
"deprecated": false,
"documentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "recurringCharges",
"fluentSetterDocumentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName": "recurringCharges",
"getterDocumentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n\n@returns The charge to your account regardless of whether you are creating any domains using the instance offering."
"getterModel": {
"returnType": "java.util.List<RecurringCharge>",
"documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "RecurringCharges",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "RecurringCharges",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \[@link RecurringCharge.Builder\] avoiding the need to create one manually via \[@link RecurringCharge#builder()\]. When the \[@link Consumer\] completes, \[@link RecurringCharge.Builder#build()\] is called immediately and its result is passed to \[@link #member(RecurringCharge)\].\n\n@see #member(RecurringCharge)"
  },
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentSetterDocumentation": "Sets the value of the Member property for this object. The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."
},
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.

"getterModel" : {
    "returnType" : "RecurringCharge",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@param member The new value for the Member property for this object.

"setterMethodName" : "setMember",

"setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : null,
    "simpleType" : "RecurringCharge",
    "variableSetterType" : "RecurringCharge"
},

"simple" : false,
"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge",
    "documentation" : "",
    "simple" : false,
}
"simpleType" : "RecurringCharge",
"variableSetterType" : "RecurringCharge"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering."
,"setterMethodName" : "setRecurringCharges",
"setterModel" : {
   "variableDeclarationType" : "java.util.List<RecurringCharge>",
   "variableName" : "recurringCharges",
   "variableType" : "java.util.List<RecurringCharge>",
   "documentation" : null,
   "simpleType" : "List<RecurringCharge>",
   "variableSetterType" : "java.util.Collection<RecurringCharge>"
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "java.util.List<RecurringCharge>",
   "variableName" : "recurringCharges",
   "variableType" : "java.util.List<RecurringCharge>",
   "documentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering."
   ",
   "simpleType" : "List<RecurringCharge>",
   "variableSetterType" : "java.util.Collection<RecurringCharge>"
}
,"xmlNameSpaceUri" : null
}]
:requestSignerAware" : false,
:requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstance"
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},

"variable": {
  "variableDeclarationType": "ReservedElasticsearchInstance",
  "variableName": "reservedElasticsearchInstance",
  "variableType": "ReservedElasticsearchInstance",
  "documentation": null,
  "simpleType": "ReservedElasticsearchInstance",
  "variableSetterType": "ReservedElasticsearchInstance"
},
"wrapper": false
},

"ReservedElasticsearchInstanceOffering": {
  "c2jName": "ReservedElasticsearchInstanceOffering",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p>Details of a reserved Elasticsearch instance offering.</p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "members": {
    "beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferingId",
    "beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferingId",
    "c2jName": "ReservedElasticsearchInstanceOfferingId",
    "c2jShape": "GUID",
    "defaultConsumerFluentSetterDocumentation": "<p>The Elasticsearch reserved instance offering identifier. This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #reservedElasticsearchInstanceOfferingId(String)}.</p><p>@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on {link String.Builder} returns a reference to this object so that method calls"}
can be chained together.\n@see \#reservedElasticsearchInstanceOfferingId(String)
  
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.\</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.\</p>\n\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.\",
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.\</p>\n\n@return The Elasticsearch reserved instance offering identifier.\",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ReservedElasticsearchInstanceOfferingId",
  "setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.\</p>\n\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return The Elasticsearch reserved instance offering identifier.\",
  "setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "setterModel" : {"param" : [...]"reservedElasticsearchInstanceOfferingId(String)""}
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.\</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
"beanStyleSetterMethodName" : "setElasticsearchInstanceType",
"c2jName" : "ElasticsearchInstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\</p>\nThis is a convenience that creates an instance of the {\link String.Builder} avoiding the need to create one manually via {\link String#builder()}, and when the {\link Consumer} completes, {\link String.Builder#build()} is called immediately and its result is passed to {\link ElasticsearchInstanceTypeAsString(String)}.\n@param elasticsearchInstanceType a consumer that will call methods on {\link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceType(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType\nSince the service returns an enum value that is not available in the current SDK version, {\link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION} will return \n{\link ElasticsearchInstanceTypeAsString(String)}.\nIf the service returns an enum value that is not available in the current SDK version, {\link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}\nThe raw value returned by the service is available from {\link ElasticsearchInstanceTypeAsString}.\n</p>\n@see ESPartitionInstanceType\nSince the service returns an enum value that is not available in the current SDK version, {\link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION} will return \n{\link ElasticsearchInstanceTypeAsString(String)}.\nIf the service returns an enum value that is not available in the current SDK version, {\link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}\nThe raw value returned by the service is available from {\link ElasticsearchInstanceTypeAsString}.\n"
instance offering.

@see ESPartitionInstanceType

setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "elasticsearchInstanceType",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
 },
   "simple" : true,
   "timestampFormat" : null,
   "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "elasticsearchInstanceType",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
   }
}
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #duration(Integer)}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #duration(Integer)}. Returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)",
"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>
The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

@returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)",
"getterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>
@returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Duration",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Duration",
"uri" : false
",
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>
@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
"setterMethodName" : "setDuration",
"setterModel" : {
   "variableDeclarationType" : "Integer",
   "variableName" : "duration",
   "variableType" : "Integer",
   "documentation" : null,
   "simpleType" : "Integer",
   "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "Integer",
   "variableName" : "duration",
   "variableType" : "Integer",
   "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
   "simpleType" : "Integer",
   "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getFixedPrice",
"beanStyleSetterMethodName" : "setFixedPrice",
"c2jName" : "FixedPrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the { @link Double.Builder } avoiding the need to create one manually via { @link Double#builder() }.
When the { @link Consumer } completes, { @link Double.Builder#build() } is called immediately and its result is passed to { @link #fixedPrice(Double) }.
@see #fixedPrice(Double)"
"deprecated" : false,
"documentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \</p>\n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@return Returns a reference to this object so that method calls can be chained together.\",
"fluentSetterMethodDoc" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.\n\n@return\nReturns a reference to this object so that method calls can be chained together.\",
"getterMethod" : {
  "returnType" : "Double",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "FixedPrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "FixedPrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.\n\n@return\nReturns a reference to this object so that method calls can be chained together.\",
"setterMethodName": "setFixedPrice",
"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \</p>"",
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"xmlNameSpaceUri": null,
"beanStyleGetterMethodName": "getUsagePrice",
"beanStyleSetterMethodName": "setUsagePrice",
"c2jName": "UsagePrice",
"c2jShape": "Double",
"defaultConsumerFluentSetterDocumentation": "The rate you are charged for each hour the domain that is using the offering is running.\nThis is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double.Builder#build()}.\nWhen the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to the method that will call methods on the returned instance.\n\n@see #usagePrice(Double)\n@param usagePrice a consumer that will call methods on \n@link Double.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n\n@deprecated"",
"documentation": "The rate you are charged for each hour the domain that is using the offering is running.\nReturns a reference to this object so that method calls can be chained together.\n\n@see #usagePrice(Double)\n\n@deprecated"",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "usagePrice",
"fluentSetterDocumentation": "The rate you are charged for each hour the domain that is using the offering is running.\nReturns a reference to this object so that method calls can be chained together.\n\n@see #usagePrice(Double)\n\n@deprecated"",
"getterDocumentation": "The rate you are charged for each hour the domain that is using the offering is running.\n\n@see #usagePrice(Double)\n\n@deprecated"
"getterModel": {
  "returnType": "Double",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "UsagePrice",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "UsagePrice",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "DOUBLE",
"name": "UsagePrice",
"setterDocumentation": "The rate you are charged for each hour the domain that is using the offering is running.

@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.
",
"setterMethodName": "setUsagePrice",
"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "usagePrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "usagePrice",
  "variableType": "Double",
  "documentation": "The rate you are charged for each hour the domain that is using the offering is running.
"
The currency code for the reserved Elasticsearch instance offering.

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()`. When the `currencyCode(String)` is called immediately and its result is passed to `String.Builder#build()` is called immediately and its result is passed to `currencyCode(String)`. The currency code for the reserved Elasticsearch instance offering.

Returns a reference to this object so that method calls can be chained together.

```
public @NonNull String currencyCode(String currencyCode) {
    return new String.Builder()
            .append(currencyCode)
            .build()
        .toString();
}
```

Returns a reference to this object so that method calls can be chained together.

```
public @NonNull String currencyCode(String currencyCode) {
    return new String.Builder()
            .append(currencyCode)
            .build()
        .toString();
}
```
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "The currency code for the reserved Elasticsearch instance offering.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "$pPayment option for the reserved Elasticsearch instance offering</p>\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder(StringBuilder)}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #paymentOptionAsString(String)}.
@param paymentOption a consumer that will call methods on {@link String.Builder#build()}.
@return Returns a reference to this object so that method calls can be chained together.
@see #paymentOption(String)",
  "deprecated" : false,
  "documentation" : "$pPayment option for the reserved Elasticsearch instance offering</p>",
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "setterDocumentation" : "$pThe currency code for the reserved Elasticsearch instance offering.",
  "setterMethodName" : "setCurrencyCode",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "The currency code for the reserved Elasticsearch instance offering.",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
}
"eventId" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
 @param paymentOption Payment option for the reserved Elasticsearch instance offering
 @see ReservedElasticsearchInstancePaymentOption
@return Returns a reference to this object so that method calls can be chained together.
 @see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
 @param paymentOption Payment option for the reserved Elasticsearch instance offering
 @see ReservedElasticsearchInstancePaymentOption
@return Returns a reference to this object so that method calls can be chained together.
 @see ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
 @param paymentOption Payment option for the reserved Elasticsearch instance offering
 @see ReservedElasticsearchInstancePaymentOption
@return Returns a reference to this object so that method calls can be chained together.
 @see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"@link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION". The raw value returned by the service is available from { @link #paymentOptionAsString }.
@return Payment option for the reserved Elasticsearch instance offering
 @see ReservedElasticsearchInstancePaymentOption"
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
This is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link List<RecurringCharge>#builder()}. When the { @link Consumer} completes, { @link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>)}. Returns a reference to this object so that method calls can be chained together.

@deprecated
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
Attempts to modify the collection returned by this method will result in an
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>"
UnsupportedOperationException.

@return The charge to your account regardless of whether you are creating any domains using the instance offering.

"getterModel" : {
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringCharges",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringCharges",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the \n{@link RecurringCharge.Builder} avoiding the need to create one manually via \n{@link RecurringCharge#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link RecurringCharge.Builder#build()} is called immediately and its result is passed to \n{@link #member(RecurringCharge)}\n\n@see #member(RecurringCharge)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventName" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object."

"getterModel" : {
  "returnType" : "RecurringCharge",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonDataValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@member
The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},

"simple" : false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "RecurringCharge",
  "variableName": "member",
  "variableType": "RecurringCharge",
  "documentation": "",
  "simpleType": "RecurringCharge",
  "variableSetterType": "RecurringCharge"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "RecurringCharge",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "RecurringCharge",
"templateImplType": "java.util.ArrayList<RecurringCharge>",
"templateType": "java.util.List<RecurringCharge>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "RecurringCharges",
"setterDocumentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName": "setRecurringCharges",
"setterModel": {
  "variableDeclarationType": "java.util.List<RecurringCharge>",
  "variableName": "recurringCharges",
  "variableType": "java.util.List<RecurringCharge>",
  "documentation": null,
  "simpleType": "List<RecurringCharge>",
  "variableSetterType": "java.util.Collection<RecurringCharge>",
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<RecurringCharge>",
  "variableName": "recurringCharges",
  "variableType": "java.util.List<RecurringCharge>",
  "documentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType": "List<RecurringCharge>",
  "variableSetterType": "java.util.Collection<RecurringCharge>",
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "CurrencyCode" : {
    "beanStyleGetterMethodName" : "getCurrencyCode",
    "beanStyleSetterMethodName" : "setCurrencyCode",
    "c2jName" : "CurrencyCode",
    "c2jShape" : "String",
    "deprecated" : false,
    "documentation" : "The currency code for the reserved Elasticsearch instance offering.
This is a convenience that creates an instance of the [String.Builder] avoiding the
need to create one manually via [String#builder()]. When the [Consumer] completes,
[String.Builder#build()] is called immediately and its result is passed to [currencyCode(String)].
@see currencyCode(String)",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "currencyCode",
    "fluentSetterDocumentation" : "The currency code for the reserved Elasticsearch instance
offering.
@see currencyCode(String)",
    "fluentSetterMethodName" : "currencyCode",
    "getterDocumentation" : "The currency code for the reserved Elasticsearch instance
offering.
@see currencyCode(String)",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "CurrencyCode",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "CurrencyCode",
      "uri" : false
    }
  }
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonDataValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"Duration" : {
    "beanStyleGetterMethodName" : "getDuration",
    "beanStyleSetterMethodName" : "setDuration",
    "c2jName" : "Duration",
    "c2jShape" : "Integer",
    "defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
This is a convenience that creates an instance of the [@link Integer.Builder]{:target="_blank"} avoiding the need to create one manually via [@link Integer#builder]{:target="_blank"}.

When the [@link Consumer]{:target="_blank"} completes, [@link Integer.Builder#build]{:target="_blank"} is called immediately and its result is passed to [@link #duration(Integer)]{:target="_blank"}.

@returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)",
    "deprecated" : false,
    "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
    "enumType" : null,
    "eventHeader" : false,
The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

@returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

@returns The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.

The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

returns

- param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.
- return Returns a reference to this object so that method calls can be chained together.
The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

- **Type**: Integer
- **Default Consumer Fluent Setter Documentation**

```
@<p>The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link ElasticsearchInstanceTypeAsString].
```

- **Getter Method Name**: "getElasticsearchInstanceType"
- **Fluent Getter Method Name**: "elasticsearchInstanceType"
- **Fluent Setter Method Name**: "elasticsearchInstanceType"
- **Fluent Setter Documentation**

```
@<p>The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link ElasticsearchInstanceTypeAsString].
```

- **Getter Documentation**

```
@<p>The Elasticsearch instance type offered by the reserved instance offering.
```

- **Default Consumer Fluent Setter Documentation**
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceType",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "&lt;p&gt;The Elasticsearch instance type offered by the reserved instance offering.&lt;/p&gt;&lt;@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.&lt;/p&gt;&lt;@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchInstanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchInstanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchInstanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchInstanceType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"variableSetterType" : "String",
},
"xmlnsNameSpaceUri" : null
},
"FixedPrice" : {
"beanStyleGetterMethodName" : "getFixedPrice",
"beanStyleSetterMethodName" : "setFixedPrice",
"c2jName" : "FixedPrice",
"c2jShape" : "Double",

"defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Double.Builder#build()} is called immediately and its result is passed to {@link FixedPrice(Double)}.<br>
@see #fixedPrice(Double)

@deprecated" : false,

"documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterMethodName" : "fixedPrice",

"fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>

@param fixedPrice a consumer that will call methods on {@link Double.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #fixedPrice(Double)"

"deprecated" : false,

"documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "FixedPrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "FixedPrice",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering."
,  
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>

  
  "variableSetterType" : "Double"
},
"xmlnsNameSpaceUri" : null
},
"PaymentOption" : {
  "beanStyleGetterMethodName" : "getPaymentOptionAsString",
  "beanStyleSetterMethodName" : "setPaymentOption",
  "c2jName" : "PaymentOption",
  "c2jShape" : "ReservedElasticsearchInstancePaymentOption",
  "defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String.Builder#builder()] .

When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #paymentOptionAsString(String)] .

@param paymentOption a consumer that will call methods on [ @link
String.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see \n#paymentOption(String)",
"deprecated" : false,
"documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
@param paymentOption Payment option for the reserved Elasticsearch instance offering
@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
If the service returns an enum value that is not available in the current SDK version, \n@link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION\n will return \@link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION\n. The raw value returned by the service is available from \@link paymentOptionAsString\n.\n@return Payment option for the reserved Elasticsearch instance offering\n@see ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PaymentOption",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PaymentOption",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>@param paymentOption Payment option for the reserved Elasticsearch instance offering</p>@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "paymentOption",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "paymentOption",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"RecurringCharges" : {
"beanStyleGetterMethodName" : "getRecurringCharges",
"beanStyleSetterMethodName" : "setRecurringCharges",
"c2jName" : "RecurringCharges",
"c2jShape" : "RecurringChargeList",
"defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>@param recurringCharges a consumer that will call methods on {@link List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link List<RecurringCharge>#builder()}. When the {@link Consumer} completes, {@link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to {@link #recurringCharges(List<RecurringCharge>)}. @return Returns a reference to this object so that method calls can be chained together.</p>@see #recurringCharges(List<RecurringCharge>)",
"deprecated" : false,
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>"
,"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any
domains using the instance offering.

@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName":"recurringCharges",
"getterDocumentation":"The charge to your account regardless of whether you are creating any domains using the instance offering.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The charge to your account regardless of whether you are creating any domains using the instance offering.

"getterModel":{
  "returnType":"java.util.List<RecurringCharge>",
  "documentation":null
},
"http":{
  "additionalMarshallingPath":null,
  "additionalUnmarshallingPath":null,
  "flattened":false,
  "greedy":false,
  "header":false,
  "isPayload":false,
  "isStreaming":false,
  "location":null,
  "marshallLocation":"PAYLOAD",
  "marshallLocationName":"RecurringCharges",
  "queryString":false,
  "statusCode":false,
  "unmarshallLocationName":"RecurringCharges",
  "uri":false
},
"idempotencyToken":false,
"isBinary":false,
"jsonValue":false,
"list":true,
"listModel":{
  "implType":"java.util.ArrayList",
  "interfaceType":"java.util.List",
  "ListModel":{
    "beanStyleGetterMethodName":"getMember",
    "beanStyleSetterMethodName":"setMember",
    "c2jName":"member",
    "c2jShape":"RecurringCharge",
    "defaultConsumerFluentSetterDocumentation":"Sets the value of the Member property for this object.

This is a convenience that creates an instance of the RecurringCharge.Builder avoiding the need to create one manually via RecurringCharge#builder(). When the Consumer completes, RecurringCharge.Builder#build() is called immediately and its result is passed to RecurringCharge#member a consumer that will call methods on RecurringCharge.Builder.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(RecurringCharge)
"deprecated":false,
"deprecated":false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel" : {
    "returnType" : "RecurringCharge",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "RecurringCharge",
    "variableName" : "member",
    "variableType" : "RecurringCharge"}
The charge to your account regardless of whether you are creating any domains using the instance offering.

```java
@Param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.
```

```java
setterMethodName = "setRecurringCharges",
```

```java
setterModel = {
    "variableDeclarationType" = "java.util.List<RecurringCharge>",
    "variableName" = "recurringCharges",
    "variableType" = "java.util.List<RecurringCharge>",
    "documentation" = null,
    "simpleType" = "List<RecurringCharge>",
    "variableSetterType" = "java.util.Collection<RecurringCharge>",
}
```

```java
simple" = false,
```

```java
timestampFormat" = null,
```

```java
variable = {
    "variableDeclarationType" = "RecurringCharge",
    "variableName" = "member",
    "variableType" = "RecurringCharge",
    "documentation" = "",
    "simpleType" = "RecurringCharge",
    "variableSetterType" = "RecurringCharge"
}
```

```java
simple" = false,
```

```java
timestampFormat" = null,
```

```java
variable = {
    "variableDeclarationType" = "RecurringCharge",
    "variableName" = "member",
    "variableType" = "RecurringCharge",
    "documentation" = "",
    "simpleType" = "RecurringCharge",
    "variableSetterType" = "RecurringCharge"
}
```

```java
xmlNameSpaceUri" = null
```

```java
memberLocationName" = null,
```

```java
memberType" = "RecurringCharge",
```

```java
map" = false,
```

```java
memberAdditionalMarshallingPath" = null,
```

```java
memberAdditionalUnmarshallingPath" = null,
```

```java
simple" = false,
```

```java
simpleType" = "RecurringCharge",
```

```java
templateImplType" = "java.util.ArrayList<RecurringCharge>",
```

```java
templateType" = "java.util.List<RecurringCharge>",
```

```java
map" = false,
```

```java
mapModel" = null,
```

```java
marshallingType" = "LIST",
```

```java
name" = "RecurringCharges",
```

```java
setterDocumentation" = "The charge to your account regardless of whether you are creating any domains using the instance offering.",
```

```java
setterMethodName" = "setRecurringCharges",
```

```java
setterModel" = {
    "variableDeclarationType" = "java.util.List<RecurringCharge>",
    "variableName" = "recurringCharges",
    "variableType" = "java.util.List<RecurringCharge>",
    "documentation" = null,
    "simpleType" = "List<RecurringCharge>",
    "variableSetterType" = "java.util.Collection<RecurringCharge>",
}
```

```java
simple" = false,
```

```java
timestampFormat" = null,
```

```java
variable = {
    "variableDeclarationType" = "RecurringCharge",
    "variableName" = "recurringCharges",
```
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
",
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "GUID",
"defaultValueFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering
identifier.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String.Builder}. When the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link
#reservedElasticsearchInstanceOfferingId(String)} a consumer
that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls
can be chained together.<@see #reservedElasticsearchInstanceOfferingId(String)>",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>


"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using
the instance offering.</p>",
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
",
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "GUID",
"defaultValueFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering
identifier.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String.Builder}. When the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link
#reservedElasticsearchInstanceOfferingId(String)} a consumer
that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls
can be chained together.<@see #reservedElasticsearchInstanceOfferingId(String)>",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>


"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",}
"marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "\<p\>The Elasticsearch reserved instance offering identifier.\</p\>\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\</p\>",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "\<p\>The Elasticsearch reserved instance offering identifier.\</p\>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UsagePrice" : {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "\<p\>The rate you are charged for each hour the domain that is using the offering is running.\</p\>\nThis is a convenience that creates an instance of the \{@link Double.Builder\} avoiding the need to create one manually via \{@link Double#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link Double.Builder#build()\} is called immediately and its result is passed to \{@link #usagePrice(Double)\}.\n\n@param usagePrice a consumer that will call methods on \{@link
Double.Builder

@see #usagePrice(Double)

"deprecated" : false,
"documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

@return Returns a reference to this object so that method calls can be chained together.

\n\n\n@see #usagePrice(Double)

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

@return Returns a reference to this object so that method calls can be chained together.

\n\n\n@see #usagePrice(Double)

"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
" marshALLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

@return Returns a reference to this object so that method calls can be chained together.

\n\n\n@see #usagePrice(Double)

"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

@return Returns a reference to this object so that method calls can be chained together.

\n\n\n@see #usagePrice(Double)

"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.

@return Returns a reference to this object so that method calls can be chained together.

\n\n\n@see #usagePrice(Double)

"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
"setterMethod" : "setUsagePrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
}
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
  "c2jName" : "ReservedElasticsearchInstanceOfferingId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
  "@param reservedElasticsearchInstanceOfferingId(String)\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #reservedElasticsearchInstanceOfferingId(String)"
},
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
  "fluentSetterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
  "@param reservedElasticsearchInstanceOfferingId(String)\n  @return Returns a reference to this object so that method calls can be chained together."
},
  "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId", Open Source Used In Data Center Network Manager 11.5(1)  21881
"getterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
@return The Elasticsearch reserved instance offering identifier."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ReservedElasticsearchInstanceOfferingId",

"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.

"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String"
"documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [@link String.Builder()].
When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #elasticsearchInstanceTypeAsString(String)].
@link #getElasticsearchInstanceType
@link #setElasticsearchInstanceType
@link #elasticsearchInstanceType(String)
,@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchInstanceType(String)
,"deprecated" : false,
"documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.
@link #esPartitionInstanceType
@see ESPartitionInstanceType
@link ESPartitionInstanceType
@return Returns a reference to this object so that method calls can be chained together.
@see ESPartitionInstanceType
,"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
@link #elasticsearchInstanceType
@link #esPartitionInstanceType
@see ESPartitionInstanceType
@link ESPartitionInstanceType
@return The Elasticsearch instance type offered by the reserved instance offering.
@link #elasticsearchInstanceTypeAsString
@link ESPartitionInstanceType
@see ESPartitionInstanceType
,"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
"
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceType",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "The Elasticsearch instance type offered by the reserved instance offering.\n\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "The Elasticsearch instance type offered by the reserved instance offering.\n\n@see ESPartitionInstanceType",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getDuration",
  "beanStyleSetterMethodName" : "setDuration",
  "c2jName" : "Duration",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\nThis is a convenience that creates an instance of the {link Integer.Builder} avoiding the need to create one manually via {link Integer#builder()}.\n\nWhen the {link
Consumer} completes, \{@link Integer.Builder#build()\} is called immediately and its result is passed to \{@link 
#duration(Integer)\}.\n\n@DWORD

>Returns a reference to this object so that method calls can be chained together.\n@see \#duration(Integer)"

"deprecated" : false,
"documentation" : "\p> The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "\p> The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\p>

"getterDocumentation" : "\p> The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\p>

"getterModel" : {

"returnType" : "Integer",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Duration",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Duration",
"uri" : false
}

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "\p> The duration, in seconds, for which the offering will reserve the Elasticsearch
instance.<p>@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.

  "setterMethodName" : "setDuration",
  "setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "duration",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
  },
  "xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getFixedPrice",
"beanStyleSetterMethodName" : "setFixedPrice",
"c2jName" : "FixedPrice",
"c2jShape" : "Double",
"defaultValueFluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double.Builder#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}.

Returns a reference to this object so that method calls can be chained together.

@example
@see #fixedPrice(Double)

"deprecated" : false,
"documentation" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

@example
@see #fixedPrice(Double)

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

@example
@see #fixedPrice(Double)

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

@example
@see #fixedPrice(Double)

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

@example
@see #fixedPrice(Double)

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

@example
@see #fixedPrice(Double)
"getterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@return The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering."
,
"getterModel": {
  "returnType": "Double",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": false,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "FixedPrice",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "FixedPrice",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "DOUBLE",

"name": "FixedPrice",

"setterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering."
,

"setterMethodName": "setFixedPrice",

"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},

"simple": true,

"timestampFormat": null,

"variable": {
  "variableDeclarationType": "Double",

"variableName" : "fixedPrice",
"variableType" : "Double",
"documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>",
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getUsagePrice",
"beanStyleSetterMethodName" : "setUsagePrice",
"c2jName" : "UsagePrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double.Builder#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #usagePrice(Double)}.

When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {
"@link Double.Builder\n@see #usagePrice(Double)\n"}
@link Double.Builder\n@return Returns a reference to this object so that method calls can be chained together."
"deprecated" : false,
"documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "p>The rate you are charged for each hour the domain that is using the offering is running.</p>
@link Double.Builder\n@return Returns a reference to this object so that method calls can be chained together."
,"flluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>
@link Double.Builder\n@return The rate you are charged for each hour the domain that is using the offering is running."
,"getterModel" : {
"returnType" : "Double",
"documentation" : null
}
,"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "The rate you are charged for each hour the domain that is using the offering is running."
@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.,
"setterMethodName" : "setUsagePrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "The rate you are charged for each hour the domain that is using the offering is running.",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getCurrencyCode",
  "beanStyleSetterMethodName" : "setCurrencyCode",
  "c2jName" : "CurrencyCode",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.

This is a convenience that creates an instance of the <link String.Builder> avoiding the need to create one manually via <link String#builder()>.

When the <link Consumer> completes, <link..."
String.Builder#build() is called immediately and its result is passed to { @link #currencyCode(String)}.
@param currencyCode a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #currencyCode(String)
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : 
    "The currency code for the reserved Elasticsearch instance offering."",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getPaymentOptionAsString",
"beanStyleSetterMethodName" : "setPaymentOption",
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation" : 
  "Payment option for the reserved Elasticsearch instance offering
  This is a convenience that creates an instance of the {
  @link String.Builder} avoiding the need to create one manually via {
  @link String.Builder()}. When the {
  @link Consumer} completes, {
  @link String.Builder#build()} is called immediately and its result is passed to {
  @link
  #paymentOptionAsString(String)}. @param paymentOption a consumer that will call methods on {
  @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.

  @see #paymentOption(String)
  
  "deprecated" : false,
  "documentation" : "Payment option for the reserved Elasticsearch instance offering",
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "Payment option for the reserved Elasticsearch instance offering
  @param paymentOption Payment option for the reserved Elasticsearch instance offering
  @return Returns a reference to this object so that method calls can be chained together.

  @see ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value
The returned option from the service is available from `{@link #paymentOptionAsString}. 

```

@link #paymentOptionAsString

```

@return Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption"
"variableType" : "String",
"documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getRecurringCharges",
"beanStyleSetterMethodName" : "setRecurringCharges",
"c2jName" : "RecurringCharges",
"c2jShape" : "RecurringChargeList",
"defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\nThis is a convenience that creates an instance of the {@link List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link List<RecurringCharge>#builder()}.\nWhen the {@link Consumer} completes, \n@link List<RecurringCharge>.Builder#build() is called immediately and its result is passed to \n@link RecurringCharges(List<RecurringCharge>).\n\n@param recurringCharges a consumer that will call methods on \n@link List<RecurringCharge>.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)",
"deprecated" : false,
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@return The charge to your account regardless of whether you are creating any domains using the instance offering.\n",
"getterModel" : {
"returnType" : "java.util.List<RecurringCharge>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringCharges",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringCharges",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the \n{@link RecurringCharge.Builder} avoiding the need to
create one manually via \n{@link RecurringCharge#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link RecurringCharge.Builder#build()} is called immediately and its result is passed to \n{@link #member(RecurringCharge)}\n@\n@param member a consumer that will call methods on \nRecurringCharge.Builder\n@\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #member(RecurringCharge)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@\n@return Returns a reference to this object so that method calls can be chained
together.\n"
  "getterDocumentation" : ">Returns the value of the Member property for this object.\n@\n@return The value of the Member property for this object.\n"
  "getterModel" : {
    "returnType" : "RecurringCharge",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "\<p\>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\;",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "\<p\>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstanceOffering",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
  "variableName" : "reservedElasticsearchInstanceOffering",
  "variableType" : "ReservedElasticsearchInstanceOffering",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstanceOffering",
  "variableSetterType" : "ReservedElasticsearchInstanceOffering"
}
"variableName": "reservedElasticsearchInstanceOffering",
"variableType": "ReservedElasticsearchInstanceOffering",
"documentation": null,
"simpleType": "ReservedElasticsearchInstanceOffering",
"variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"wrapper": false
},
"ReservedElasticsearchInstancePaymentOption": {
"c2jName": "ReservedElasticsearchInstancePaymentOption",
"customization": {
  "artificialResultWrapper": null,
  "skipGeneratingMarshaller": false,
  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "",
"enums": [
  {
    "name": "ALL_UPFRONT",
    "value": "ALL_UPFRONT"
  },
  {
    "name": "PARTIAL_UPFRONT",
    "value": "PARTIAL_UPFRONT"
  },
  {
    "name": "NO_UPFRONT",
    "value": "NO_UPFRONT"
  }
],
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [],
"membersAsMap": {},
"nonStreamingMembers": [],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ReservedElasticsearchInstancePaymentOption",
"simpleMethod": false,
"unmarshaller": {
"variableType" : "ResourceAlreadyExistsException",
"documentation" : null,
"simpleType" : "ResourceAlreadyExistsException",
"variableSetterType" : "ResourceAlreadyExistsException"
}
,"wrapper" : false
},
"ResourceNotFoundException" : [{
"c2jName" : "ResourceNotFoundException",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.\n\n\n\n"enum" : null,
"errorCode" : "ResourceNotFoundException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 409,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ResourceNotFoundException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : { "variableDeclarationType" : "ResourceNotFoundException",
"variableName" : "resourceNotFoundException",
"variableType" : "ResourceNotFoundException",
"documentation" : null,
"simpleType" : "ResourceNotFoundException",
"variableSetterType" : "ResourceNotFoundException"
},
"wrapper" : false
"ServiceSoftwareOptions" : {
  "c2jName" : "ServiceSoftwareOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>The current options of an Elasticsearch domain service software options.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshallers" : [ {
    "beanStyleGetterMethodName" : "getCurrentVersion",
    "beanStyleSetterMethodName" : "setCurrentVersion",
    "c2jName" : "CurrentVersion",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the domain.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()} .
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. The parameter currentVersion a consumer that will call methods on { @link String.Builder}.
  "return" Returns a reference to this object so that method calls can be chained together.
  "see |#{currentVersion(String)}",
    "deprecated" : false,
    "documentation" : "<p>The current service software version that is present on the domain.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethod" : "currentVersion",
    "fluentSetterDocumentation" : "<p>The current service software version that is present on the domain.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()} .
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #currentVersion(String)}. The parameter currentVersion a consumer that will call methods on { @link String.Builder}.
  "return" Returns a reference to this object so that method calls can be chained together.
  "see |#{currentVersion(String)}",
    "getterDocumentation" : "<p>The current service software version that is present on the domain.</p>",
  "return" The current service software version that is present on the domain.".,
  "return" The current service software version that is present on the domain.".,
  "return" The current service software version that is present on the domain.".
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
 },
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "CurrentVersion",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "CurrentVersion",
   "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "<p>The current service software version that is present on the domain.</p>$\texttt{@param currentVersion The current service software version that is present on the domain.}$",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "currentVersion",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
 },
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "currentVersion",
   "variableType" : "String",
   "documentation" : "<p>The current service software version that is present on the domain.</p>",
   "simpleType" : "String"
"variableSetterType" : "String",
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getNewVersion",
"beanStyleSetterMethodName" : "setNewVersion",
"c2jName" : "NewVersion",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "\n\nThe new service software version if one is available.\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #newVersion(String)\}.\n\n@see #newVersion(String)",
"deprecated" : false,
"documentation" : "The new service software version if one is available.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "newVersion",
"fluentSetterMethodName" : "newVersion",
"fluentSetterDocumentation" : "The new service software version if one is available.",
"getterDocumentation" : "The new service software version if one is available.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NewVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NewVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NewVersion",
"setterDocumentation" : "<p>The new service software version if one is available.</p>
@<p@param name="newVersion">
@<p>@param name="newVersion">

"setterMethodName" : "setNewVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : "<p>The new service software version if one is available.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
{"beanStyleGetterMethodName" : "getUpdateAvailable",
"beanStyleSetterMethodName" : "setUpdateAvailable",
"c2jName" : "UpdateAvailable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update your service software version. &lt;code&gt;False&lt;/code&gt; if you are not able to update your service software version. &lt;/p&gt;
@<p@param name="updateAvailable">
@<p@param name="updateAvailable">

This is a convenience that creates an instance of the {
@<link Boolean.Builder>} avoiding the need to create one manually via {
@<link Boolean.Builder>}. When the {
@<link Consumer>} completes, {
@<link Boolean.Builder#build()} is called immediately and its result is passed to {
@<link UpdateAvailable(Boolean)}> a consumer that will call methods on {
@<link Boolean.Builder}> a reference to this object so that method calls can be chained together.
@<p>\n@see #updateAvailable(Boolean)
"deprecacted" : false,
"documentation" : "&lt;p&gt;&lt;code&gt;True&lt;/code&gt; if you are able to update your service software version.
&lt;code&gt;False&lt;/code&gt; if you are not able to update your service software version. &lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateAvailable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True<code> if you are able to update you service software version. <code>False\n@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "updateAvailable",
"getterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
@return True<code> if you are able to update you service software version. <code>False",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateAvailable",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateAvailable",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable
True<code> if you are able to update you service software version. <code>False",
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable"
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update you service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCancellable",
"beanStyleSetterMethodName" : "setCancellable",
"c2jName" : "Cancellable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder()}. 

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link cancellable(Boolean)}.  

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"getterModel" : {
  "returnType" : "Boolean",
  "variableType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update you service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCancellable",
"beanStyleSetterMethodName" : "setCancellable",
"c2jName" : "Cancellable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder()}. 

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link cancellable(Boolean)}.  

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder()}. 

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link cancellable(Boolean)}.  

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. 
</p>

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder()}. 

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link cancellable(Boolean)}.  

@warning cancellable a consumer that will call methods on {@link Boolean.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #cancellable(Boolean)
@deprecated "false",
"getterModel" : {
  "returnType" : "Boolean",
  "variableType" : "Boolean",
  "variableSetterType" : "Boolean"}.
"setterDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
@param cancellable
True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version.

"setterMethodName": "setCancellable",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "cancellable",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "cancellable",
  "variableType": "Boolean",
  "documentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
@param cancellable
True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version.

"simpleType": "Boolean"
"variableSetterType" : "Boolean",
"xmlnsNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getUpdateStatusAsString",
"beanStyleSetterMethodName" : "setUpdateStatus",
"c2jName" : "UpdateStatus",
"c2jShape" : "DeploymentStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>

This is a convenience that creates an instance of the <class String.Builder> avoiding the need to create one manually via <strong>{@link String.Builder}</strong>.<br>When the <strong>{@link Consumer}</strong> completes, <strong>{@link String.Builder#build()}</strong> is called immediately and its result is passed to <strong>{@link updateStatusAsString(String)}</strong>.<br>@param updateStatus a consumer that will call methods on strong{@link String.Builder}strong@returns a reference to this object so that method calls can be chained together.<br>@see #updateStatus(String)",
"deprecated" : false,
"documentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>

@enumType "DeploymentStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "updateStatus",
"fluentEnumSetterMethodName" : "updateStatus",
"fluentGetterMethodName" : "updateStatusAsString",
"fluentSetterMethodName" : "updateStatus",
"getterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>

If the service returns an enum value that is not available in the current SDK version, <strong>{@link #updateStatus}</strong> will return <strong>{@link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}</strong>. The raw value returned by the service is available from <strong>{@link updateStatusAsString}</strong>.<br>@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.<br>@returns a reference to this object so that method calls can be chained together.<br>@see DeploymentStatus",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"setterDocumentation" : "The status of your service software update. This field can take the following values: ELIGIBLE, PENDING_UPDATE, IN_PROGRESS, COMPLETED, and NOT_ELIGIBLE.
@param updateStatus The status of your service software update. This field can take the following values: ELIGIBLE, PENDING_UPDATE, IN_PROGRESS, COMPLETED, and NOT_ELIGIBLE.
@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "The status of your service software update. This field can take the following values: ELIGIBLE, PENDING_UPDATE, IN_PROGRESS, COMPLETED, and NOT_ELIGIBLE."}
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getDescription",
"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #description(String) \}.\n@param description a consumer that will call methods on \{ @link String.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #description(String)"
,  
"deprecated" : false,
"documentation" : "The description of the <code>UpdateStatus</code>.\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>.\n@param description The description of the <code>UpdateStatus</code>.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #description(String)"
,  
"getterDocumentation" : "The description of the <code>UpdateStatus</code>.\n@return The description of the <code>UpdateStatus</code>.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Description",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Description",
"uri" : false
The description of the <code>UpdateStatus</code>.

The description of the <code>UpdateStatus</code>.

The description of the <code>UpdateStatus</code>.

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The description of the <code>UpdateStatus</code>.

The description of the <code>UpdateStatus</code>.

The description of the <code>UpdateStatus</code>.
"fluentGetterMethodName" : "automatedUpdateDate",
"fluentSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",
"getterSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedUpdateDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedUpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.
"setterSetterMethodName" : "automatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",
"setterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"isPayloadResponse" : false,
"isStreamingResponse" : false,
"location" : null,
"marshallingLocation" : "PAYLOAD",
"marshallingLocationName" : "AutomatedUpdateDate",
"responseClass" : "com.amazonaws.services.<your-service-name>.model.AutomatedUpdateDate",
"responseWithHttpMetadata" : false,
"responseMetadata" : null,
"responseMetadataModel" : null,
"responseUnmarshallerClassNames" : null,
"responseUnmarshallerModel" : null,
"responseModel" : "com.amazonaws.services.<your-service-name>.model.AutomatedUpdateDate",
"responseParameters" : null,
"responseType" : "model.AutomatedUpdateDate",
"responseUnmarshallerParameters" : null,
"responseUnmarshallerModelParameters" : null,
"responseValidator" : null,
"responseValidatorModel" : null,
"serviceName" : "<your-service-name>",
"uri" : null,
"uriMethod" : null,
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlnsNameSpaceUri" : null
},
"membersAsMap" : {
  "AutomatedUpdateDate" : {
    "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
    "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
    "c2jName" : "AutomatedUpdateDate",
    "c2jShape" : "DeploymentCloseDateTimeStamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
  },
  "xmlNameSpaceUri" : null
}]

"AutomatedUpdateDate" : {
  "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
  "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
  "c2jName" : "AutomatedUpdateDate",
  "c2jShape" : "DeploymentCloseDateTimeStamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
This is a convenience that creates an instance of the [@link Instant.Builder] avoiding the need to create one manually via [@link Instant#builder()].

When the [@link Consumer] completes, [@link Instant.Builder#build()] is called immediately and its result is passed to [@link #automatedUpdateDate(Instant)].

@see #automatedUpdateDate(Instant)
"deprecated" : false,
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
"enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "automatedUpdateDate",
  "fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
"param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software."
After this date, we automatically update your service software.

```json
"fluentSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
",
"getterModel" : {
    "returnType" : "java.time.Instant",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AutomatedUpdateDate",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AutomatedUpdateDate",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "automatedUpdateDate",
    "variableType" : "java.time.Instant",
    "documentation" : null,
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
}```
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "automatedUpdateDate",
"variableType" : "java.time.Instant",
"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
"Cancellable" : {
"beanStyleGetterMethodName" : "getCancellable",
"beanStyleSetterMethodName" : "setCancellable",
"c2jName" : "Cancellable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>\nThis is a convenience that creates an instance of the {link Boolean.Builder} avoiding the need to create one manually via {link Boolean#builder()}.\nWhen the {link Consumer} completes, {link Boolean.Builder#build()} is called immediately and its result is passed to {link #cancellable(Boolean)}.\n@param cancellable a consumer that will call methods on {link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cancellable(Boolean)"
,  
"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
,  
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
,  
"getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
,  
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
}
}
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Cancellable",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Cancellable",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
@param cancellable
<code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version.

"setterMethodName" : "setCancellable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "cancellable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "cancellable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
@param cancellable
<code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version.

"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
"CurrentVersion" : {
  "beanStyleGetterMethodName" : "getCurrentVersion",
  "beanStyleSetterMethodName" : "setCurrentVersion",
  "c2jName" : "CurrentVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on
the domain.</p>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder() }.
When the { @link Consumer} completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link #currentVersion(String)}.<p@param
currentVersion a consumer that will call methods on { @link String.Builder}</p@return Returns a reference to this
object so that method calls can be chained together.<p @see #currentVersion(String)>
  "deprecated" : false,
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currentVersion",
  "fluentSetterDocumentation" : "<p>The current service software version that is present on
the domain.</p>
@param currentVersion The current service software version that is present on the domain.<p@return
Returns a reference to this object so that method calls can be chained together.</p>
  "fluentSetterMethodName" : "currentVersion",
  "getterDocumentation" : "<p>The current service software version that is present on the
domain.</p>
@return The current service software version that is present on the domain."",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "CurrentVersion",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "CurrentVersion",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "CurrentVersion",
"setterDocumentation": "<p>The current service software version that is present on the
domain.</p>
@param currentVersion The current service software version that is present on the domain."

"setterMethodName": "setCurrentVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "currentVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "currentVersion",
  "variableType": "String",
  "documentation": "<p>The current service software version that is present on the domain.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"Description": {
  "beanStyleGetterMethodName": "getDescription",
  "beanStyleSetterMethodName": "setDescription",
  "c2jName": "Description",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "<p>The description of the
<code>UpdateStatus</code>.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link #builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #setDescription(String)}. Returns a reference to this object so that method calls can be chained together.

@see #setDescription(String)"
  "deprecated": false,
  "documentation": "<p>The description of the <code>UpdateStatus</code>.\n</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>.\n@returns Returns a reference to this object so that method calls can be chained together."

"getterDocumentation" : "The description of the <code>UpdateStatus</code>.\n\n@returns The description of the <code>UpdateStatus</code>.",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Description",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Description",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "Description",

"setterDocumentation" : "The description of the <code>UpdateStatus</code>.\n\n@returns The description of the <code>UpdateStatus</code>.",

"setterMethodIdName" : "setDescription",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.
  </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"NewVersion" : {
  "beanStyleGetterMethodName" : "getNewVersion",
  "beanStyleSetterMethodName" : "setNewVersion",
  "c2jName" : "NewVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is available.</p>
  This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String.Builder()].
  When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link String#builder()].
  @param newVersion a consumer that will call methods on [link String.Builder]
  @return Returns a reference to this object so that method calls can be chained together.
  @see #newVersion(String)",
  "deprecated" : false,
  "documentation" : "The new service software version if one is available.
  ",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "newVersion",
  "fluentSetterDocumentation" : "<p>The new service software version if one is available.
  @param newVersion The new service software version if one is available.
  @return Returns a reference to this object so that method calls can be chained together.
  ",
  "fluentSetterMethodName" : "newVersion",
  "getterDocumentation" : "The new service software version if one is available.
  ",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NewVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NewVersion",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NewVersion",
"setterDocumentation" : "<p>The new service software version if one is available.</p><p>@param newVersion</p>
The new service software version if one is available.",
"setterMethodName" : "setNewVersion",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "newVersion",
 "variableType" : "String",
 "documentation" : "<p>The new service software version if one is available.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpdateAvailable" : {
 "beanStyleGetterMethodName" : "getUpdateAvailable",
 "beanStyleSetterMethodName" : "setUpdateAvailable",
 "c2jName" : "UpdateAvailable",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
This is a convenience that creates an instance of the [link Boolean.Builder] avoiding the need to create one manually via
When the Consumer completes, the boolean builder is called immediately and its result is passed to the function that will call methods on a consumer that can be chained together.

@return Returns a reference to this object so that method calls can be chained together.

@see updateAvailable(Booleant)
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
@param updateAvailable
True</code> if you are able to update you service software version. <code>False",
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"UpdateStatus" : {
  "beanStyleGetterMethodName" : "getUpdateStatusAsString",
  "beanStyleSetterMethodName" : "setUpdateStatus",
  "c2jName" : "UpdateStatus",
  "c2jShape" : "DeploymentStatus",
  "defaultConsumerFluentSetterDocumentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link updateStatusAsString(String)}. Returns a reference to this object so that method calls can be chained together.@see #updateStatus(String)"
, "documentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.
"deprecated" : false,
"documentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "updateStatus",
"enumType" : "DeploymentStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "updateStatus",
"enumType" : "DeploymentStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "updateStatus"
"fluentEnumSetterMethodName" : "updateStatus",
"fluentMethodName" : "updateStatusAsString",
"fluentSetterDocumentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>
@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>
@see DeploymentStatus
@return Returns a reference to this object so that method calls can be chained together.
@see DeploymentStatus",
"fluentSetterMethodName" : "updateStatus",
"getterDocumentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. If the service returns an enum value that is not available in the current SDK version, [@link #updateStatus] will return [deployStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #updateStatusAsString].

If the service returns an enum value that is not available in the current SDK version, <code>@link #updateStatus</code> will return '{@link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}'. The raw value returned by the service is available from <code>{@link #updateStatusAsString}</code>.

@return The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.
@see DeploymentStatus",
"getterModel" : {

"returnType" : "String",
"documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.<p>
@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "updateStatus",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "updateStatus",
"variableType" : "String",
"documentation" : "The status of your service software update. This field can take the following values: ELIGIBLE, PENDING_UPDATE, IN_PROGRESS, COMPLETED, and NOT_ELIGIBLE."
"simpleType" : "String",
"variableSetterType" : "String"
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
"beanStyleGetterMethodName" : "getCurrentVersion",
"beanStyleSetterMethodName" : "setCurrentVersion",
"c2jName" : "CurrentVersion",
"c2jShape" : "String",
"deprecated" : false,
"documentation" : "The current service software version that is present on the domain.\nThis is a convenience that creates an instance of the \@link String.Builder\ avoiding the need to create one manually via \@link String.Builder()\n\nWhen the \@link Consumer\ completes, \@link String.Builder#build()\ is called immediately and its result is passed to \@link #currentVersion(String)\n\n@param currentVersion a consumer that will call methods on \@link String.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #currentVersion(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currentVersion",
"fluentSetterDocumentation" : "The current service software version that is present on the domain.
@n@param currentVersion The current service software version that is present on the domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currentVersion",
"getterDocumentation" : "The current service software version that is present on the domain.
@return The current service software version that is present on the domain.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrentVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrentVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "The current service software version that is present on the domain.
@n@param currentVersion The current service software version that is present on the domain.
@return The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
The current service software version that is present on the domain.

The new service software version if one is available.

The new service software version if one is available.

The new service software version if one is available.

The new service software version if one is available.

The new service software version if one is available.
The new service software version if one is available.

@code

The new service software version if one is available.
@endcode

This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean#builder()].

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called
immediately and its result is passed to \{@link #updateAvailable(Boolean)\}.\n@param updateAvailable a consumer that will call methods on \{@link Boolean.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateAvailable(Boolean)"
    
    "deprecated" : false,
    "documentation" : "<p><code>True</code> if you are able to update you service software version.\n<code>False</code> if you are not able to update your service software version. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "updateAvailable",
    "fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version.\n<code>False</code> if you are not able to update your service software version. </p>\n@param updateAvailable True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together. ",
    "fluentSetterMethodName" : "updateAvailable",
    "getterDocumentation" : "<p><code>True</code> if you are able to update you service software version.\n<code>False</code> if you are not able to update your service software version. </p>
@return True</code> if you are able to update you service software version. <code>False",
    "getterModel" : {
        "returnType" : "Boolean",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UpdateAvailable",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UpdateAvailable",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "BOOLEAN",

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"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version.  
<code>False</code> if you are not able to update your service software version. </p>
@param updateAvailable
<code>True</code> if you are able to update you service software version. <code>False</code>.
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update you service software version.   
<code>False</code> if you are not able to update your service software version. </p>
@param updateAvailable
<code>True</code> if you are able to update you service software version. <code>False</code>.
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCancellable",
"beanStyleSetterMethodName" : "setCancellable",
"c2jName" : "Cancellable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. </p>
@<param cancellable a consumer that will call methods on <code>Boolean.Builder</code>.
@see #cancellable(Boolean)"
, "deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cancellable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update.  
<code>False</code> if you are not able to cancel your service software version. </p>
@<param cancellable a consumer that will call methods on <code>Boolean.Builder</code>.
@see #cancellable(Boolean)"
True if you are able to cancel your service software version update. <code>False</code>

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "cancellable",
"getterDocumentation" : "<p>True if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>

True if you are able to cancel your service software version update. <code>False</code>,

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Cancellable",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Cancellable",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Cancellable",
"setterDocumentation" : "<p>True if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>

@param cancellable True if you are able to cancel your service software version update. <code>False</code>,

"setterMethodName" : "setCancellable",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "cancellable",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},

"simple" : true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "cancellable",
  "variableType": "Boolean",
  "documentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getUpdateStatusAsString",
"beanStyleSetterMethodName": "setUpdateStatus",
"c2jName": "UpdateStatus",
"c2jShape": "DeploymentStatus",
"defaultConsumerFluentSetterDocumentation": "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. </p>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #updateStatusAsString(String)}. @param updateStatus a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #updateStatusAsString(String)",
"deprecated": false,
"documentation": "<p>The status of your service software update. This field can take the following values: 
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, 
<code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. </p>
"enumType": "DeploymentStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "updateStatus",
"fluentEnumSetterMethodName": "updateStatus",
"fluentGetterMethodName": "updateStatusAsString",
"fluentSetterDocumentation": "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. 
If the service returns an enum value that is not available in the current SDK version, { @link #updateStatus} will return { @link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #updateStatusAsString}.@return The status of your service software update. This field can take the
following values: `<code>ELIGIBLE</code>`, `<code>PENDING_UPDATE</code>`, `<code>IN_PROGRESS</code>`, `<code>COMPLETED</code>`, and `<code>NOT_ELIGIBLE</code>`.

@see DeploymentStatus",

```
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpdateStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpdateStatus",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"setterDocumentation" : "\n The status of your service software update. This field can take the following values: `<code>ELIGIBLE</code>`, `<code>PENDING_UPDATE</code>`, `<code>IN_PROGRESS</code>`, `<code>COMPLETED</code>`, and `<code>NOT_ELIGIBLE</code>`.

@see DeploymentStatus",

```
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "updateStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "<p>The status of your service software update. This field can take the following values:
  <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>,
  <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getDescription",
"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The description of the
  <code>UpdateStatus</code>.</p>\nThis is a convenience that creates an instance of the { @link String.Builder}
avoiding the need to create one manually via { @link String#builder()}\nWhen the { @link Consumer} completes,
  { @link String.Builder#build()} is called immediately and its result is passed to { @link
  description(String)}\n@param description a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #description(String)",
  "deprecated" : false,
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "description",
  "fluentSetterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>
  @param description The description of the <code>UpdateStatus</code>\n  @return Returns a reference to this object so that method calls can be chained together.\n  "fluentSetterMethodName" : "description",
  "getterDocumentation" : "<p>The description of the <code>UpdateStatus</code>.</p>
  @return The description of the <code>UpdateStatus</code>",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Description",
"queryString": false,
"statusLocation": false,
"unmarshallLocationName": "Description",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Description",
"setterDocumentation": "<p>The description of the <code>UpdateStatus</code>.</p>
@param description
"setterMethodName": "setDescription",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "description",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "description",
  "variableType": "String",
  "documentation": 
    "<p>The description of the <code>UpdateStatus</code>.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getAutomatedUpdateDate",
  "beanStyleSetterMethodName": "setAutomatedUpdateDate",
  "c2jName": "AutomatedUpdateDate",
  "c2jShape": "DeploymentCloseDateTimeStamp",
  "defaultConsumerFluentSetterDocumentation": "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>

This is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via
When the [link Consumer] completes, [link Instant.Builder#build()] is called immediately and its result is passed to [link automatedUpdateDate(Instant)]. The parameter `automatedUpdateDate` is a consumer that will call methods on [link Instant.Builder].

```java
@link Instant#builder().

When the [link Consumer] completes, [link Instant.Builder#build()] is called immediately and its result is passed to [link automatedUpdateDate(Instant)]. The parameter `automatedUpdateDate` is a consumer that will call methods on [link Instant.Builder].
```

@return Returns a reference to this object so that method calls can be chained together.

@see #automatedUpdateDate(Instant)
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "automatedUpdateDate",
    "variableType" : "java.time.Instant",
    "documentation" : null,
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.time.Instant",
    "variableName" : "automatedUpdateDate",
    "variableType" : "java.time.Instant",
    "documentation" : null,
    "simpleType" : "Instant",
    "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
} },
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ServiceSoftwareOptions",
"simpleMethod" : false,
“unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "ServiceSoftwareOptions",
    "variableName" : "serviceSoftwareOptions",
    "variableType" : "ServiceSoftwareOptions",
    "documentation" : null,
    "simpleType" : "ServiceSoftwareOptions",
    "variableSetterType" : "ServiceSoftwareOptions"
},
"wrapper" : false
"SnapshotOptions": {
  "c2jName": "SnapshotOptions",
  "customization": {
    "artifactResultWrapper": null,
    "skipGeneratingmarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  }
},
"deprecated": false,
"documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getAutomatedSnapshotStartHour",
    "beanStyleSetterMethodName": "setAutomatedSnapshotStartHour",
    "c2jName": "AutomatedSnapshotStartHour",
    "c2jShape": "IntegerClass",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #automatedSnapshotStartHour(Integer)}. @param automatedSnapshotStartHour a consumer that will call methods on { @link Integer.Builder} @return Returns a reference to this object so that method calls can be chained together.@see #automatedSnapshotStartHour(Integer)",
    "deprecated": false,
    "documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "automatedSnapshotStartHour",
    "fluentSetterDocumentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>"
  }
]
automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.

```
return Returns a reference to this object so that method calls can be chained together.
```

```
"fluentSetterMethodName" : "automatedSnapshotStartHour",
"getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.</p>

@return Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.
```

```
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedSnapshotStartHour",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedSnapshotStartHour",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.</p>

@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is `<code>0</code>` hours.
```

```
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
```

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---
"variable.Setter.Type": "integer",
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclaration.Type": "integer",
  "variable.Name": "automatedSnapshotStartHour",
  "variable.Type": "integer",
  "documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
  "simple.Type": "integer",
  "variable.Setter.Type": "integer"
},
"xmlNameSpace.Uri": null
}]

"members.As.Map": {
  "AutomatedSnapshotStartHour": {
    "c2j.Name": "AutomatedSnapshotStartHour",
    "c2j.Shape": "IntegerClass",
    "default.Consumer.Fluent.Setter.Documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
    "enum.Type": null,
    "event.Header": false,
    "event.Payload": false,
    "fluent.Enum.Getter.Method.Name": null,
    "fluent.Enum.Setter.Method.Name": null,
    "fluent.Getter.Method.Name": "automatedSnapshotStartHour",
    "fluent.Setter.Documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
    "getter.Documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>"
  },
  "deprecated": false,
  "documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
  "enum.Type": null,
  "event.Header": false,
  "event.Payload": false,
  "fluent.Enum.Getter.Method.Name": null,
  "fluent.Enum.Setter.Method.Name": null,
  "fluent.Getter.Method.Name": "automatedSnapshotStartHour",
  "fluent.Setter.Documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>"
}
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedSnapshotStartHour",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedSnapshotStartHour",
  "uri" : false
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@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours."
,"setterMethodName" : "setAutomatedSnapshotStartHour",
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  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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  "variableName" : "automatedSnapshotStartHour",
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"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
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"beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
"c2jName" : "AutomatedSnapshotStartHour",
"c2jShape" : "IntegerClass",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].\n\nWhen the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #automatedSnapshotStartHour(Integer)].\n\n@param automatedSnapshotStartHour a consumer that will call methods on [@link Integer.Builder]\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #automatedSnapshotStartHour(Integer)"
,
"deprecated" : false,
"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedSnapshotStartHour",
"fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.\n\n@returns Returns a reference to this object so that method calls can be chained together."
,
"getterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
\n@returns Returns a reference to this object so that method calls can be chained together."
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"getterModel" : { 
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"documentation" : null
},
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"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedSnapshotStartHour",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedSnapshotStartHour",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
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  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
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  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.
"simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"xmlNameSpaceUri" : null
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"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"simpleName" : "SnapshotOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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"variable" : {
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  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},

"wrapper" : false,

"SnapshotOptionsStatus" : {
  "c2jName" : "SnapshotOptionsStatus",
  "customization" : {
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    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Status of a daily automated snapshot.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>"
  ],
  "This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}.

When the { @link Consumer}
completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link SnapshotOptions}.@return Returns a reference to this object so that method calls can be chained together.@see #options(SnapshotOptions)"
,"deprecated" : false,
"documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>\n@param options Specifies the daily snapshot options specified for the Elasticsearch domain.\n@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.

@param options Specifies the daily snapshot options specified for the Elasticsearch domain.

setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "options",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "options",
  "variableType": "SnapshotOptions",
  "documentation": <p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>

This is a convenience that creates an instance of the [link OptionStatus.Builder} avoiding the need to create one manually via [link OptionStatus#builder()].

When the [link Consumer} completes, [link OptionStatus.Builder#build()] is called immediately and its result is passed to [link OptionStatus#status] a consumer that will call methods on [link OptionStatus.Builder] returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)

"deprecated": false,
"documentation": "<p>Specifies the status of a daily automated snapshot.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>

@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)

"getterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>

@return Specifies the status of a daily automated snapshot.

"getterModel": {
"returnType" : "OptionStatus",
"documentation" : null
},
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 "additionalMarshallingPath" : null,
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 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
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 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>
", "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
"xmlNameSpaceUri" : null
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"membersAsMap" : {
  "Options" : {
    "BeanStyleGetterMethodName" : "getOptions",
    "BeanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain. This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

@param options a consumer that will call methods on {@link SnapshotOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #options(SnapshotOptions)"
,  
  "deprecated" : false,
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain. This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

@param options a consumer that will call methods on {@link SnapshotOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #options(SnapshotOptions)"
,  
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain. This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

@param options a consumer that will call methods on {@link SnapshotOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #options(SnapshotOptions)"
,  
  "getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain. This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {@link #options(SnapshotOptions)}.

@param options a consumer that will call methods on {@link SnapshotOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #options(SnapshotOptions)"
,  
  "getterModel" : {
    "returnType" : "SnapshotOptions",
    "documentation" : null
  }
},
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
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  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options"
"uri" : false,
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"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModelProperty" : null,
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"mapModelProperty" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@param options Specifies the daily snapshot options specified for the Elasticsearch domain.
"setterMethodName" : "setOptions",
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  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
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"xmlNameSpaceUri" : null,
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "OptionStatus",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
  
  This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, 
  {@link OptionStatus.Builder#build()} is called immediately and its result is passed to 
  {@link OptionStatus}. 
  
  @param status a consumer that will call methods on 
  {@link OptionStatus.Builder} 
  
  @return Returns a reference to this object so that method calls can be chained together. 
  @see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>"
"enumType": null,
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"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "status",
"getterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>
@return Specifies the status of a daily automated snapshot.",
"getterModel": {
"returnType": "OptionStatus",
"documentation": null
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"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Status",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Status",
"uri": false
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"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.",
"setterMethodName": "setStatus",
"setterModel": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus"}
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
],
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
],

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the
Elasticsearch domain.\nThis is a convenience that creates an instance of the { @link SnapshotOptions.Builder}
avoiding the need to create one manually via { @link SnapshotOptions.Builder#builder()}.\nWhen the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link
#options(SnapshotOptions)}.\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.\n</p>\n", "enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #options(SnapshotOptions)",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch
domain.\n\n@return Specifies the daily snapshot options specified for the Elasticsearch domain."
,"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
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"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link OptionStatus.Status}@param status a consumer that will call methods on {@link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@return Specifies the status of a daily automated snapshot.",
"getterModel" : {
	"returnType" : "OptionStatus",
	"documentation" : null
},
"http" : {
	"additionalMarshallingPath" : null,
	"additionalUnmarshallingPath" : null,
	"flattened" : false,
	"greedy" : false,
	"header" : false,
	"isPayload" : false,
	"isStreaming" : false,
	"location" : null,
	"marshallLocation" : "PAYLOAD",
	"marshallLocationName" : "Status",
	"queryString" : false,
	"statusCode" : false,
	"unmarshallLocationName" : "Status",
	"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "SnapshotOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptionsStatus",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateRequest" : {

"c2jName" : "StartElasticsearchServiceSoftwareUpdateRequest",
"customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "Container for the parameters to the <code><a>StartElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch domain that you wish to schedule a service software update on.

This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String#builder()</code>. When the <code>Consumer</code> completes, <code>String.Builder#build()</code> is called immediately and its result is passed to <code>#domainName(String)</code>. A consumer that will call methods on a reference to this object so that method calls can be chained together.

@see #domainName(String)

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
    "action" : "StartElasticsearchServiceSoftwareUpdate",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/start",
    "target" : null,
    "verb" : "POST",
    "xmlNameSpaceUri" : null
},
"members" : [
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "The name of the domain that you want to update to the latest service software.

This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String#builder()</code>.

When the <code>Consumer</code> completes, <code>String.Builder#build()</code> is called immediately and its result is passed to <code>#domainName(String)</code>. A consumer that will call methods on a reference to this object so that method calls can be chained together.

@see #domainName(String)

"documentation" : "The name of the domain that you want to update to the latest service software.

@deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the domain that you want to update to the latest service software.
\n@param domainName The name of the domain that you want to update to the latest service software.
\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the domain that you want to update to the latest service software.
\n@return The name of the domain that you want to update to the latest service software.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "The name of the domain that you want to update to the latest service software.
\n@param domainName The name of the domain that you want to update to the latest service software.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of the domain that you want to update to the latest service software.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "DomainName": {
    "beanStyleGetterMethodName": "getDomainName",
    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "domainName",
    "fluentSetterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>
    "getterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>
    "gettersModel": {
      "returnType": "String",
      "documentation": null
    },
    "http": {
      "additionalMarshallingPath": null,
      "additionalUnmarshallingPath": null,
      "flattened": false,
      "greedy": false,
      "header": false,
      "deprecated": false,
      "documentation": "<p>The name of the domain that you want to update to the latest service software.</p>",
      "enumType": null,
      "eventHeader": false,
      "eventPayload": false,
      "fluentEnumGetterMethodName": null,
      "fluentEnumSetterMethodName": null,
      "fluentGetterMethodName": "domainName",
      "fluentSetterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>
      "getterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>
      "gettersModel": {
        "returnType": "String",
        "documentation": null
      },
      "http": {
        "additionalMarshallingPath": null,
        "additionalUnmarshallingPath": null,
        "flattened": false,
        "greedy": false,
        "header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainName",
"uri": false
],
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of the domain that you want to update to the latest service software.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getDomainName",
  "beanStyleSetterMethodName": "setDomainName",
  "c2jName": "DomainName",
  "setterMethodName": "setDomainName",
  "setterModel": {
    "variableDeclarationType": "String",
    "variableName": "domainName",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
  }
}].
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to the object so that method calls can be chained together.<br/>
@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
@param domainName The name of the domain that you want to update to the latest service software.<br/>
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
@return The name of the domain that you want to update to the latest service software.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p><@param domainName The name of the domain that you want to update to the latest service software.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "StartElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : null,
  "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
},
"wrapper" : false
},
"StartElasticsearchServiceSoftwareUpdateResponse" : {
  "c2jName" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update.
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}.
When the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link ServiceSoftwareOptions(ServiceSoftwareOptions)}.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)
@returns Returns a reference to this object so that method calls can be chained together.
"deprecated" : false,
"documentation" : "The current status of the Elasticsearch service software update.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
@returns Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "The current status of the Elasticsearch service software update.
@returns Returns a reference to this object so that method calls can be chained together.
"getterModel" : {
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.
",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>
",
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
]}
"membersAsMap" : {

"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder}
avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}. When the
{@link Consumer} completes, the result is passed to
{@link ServiceSoftwareOptions#serviceSoftwareOptions(ServiceSoftwareOptions)}.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "The current status of the Elasticsearch service software update.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
The current status of the Elasticsearch service software update.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"getterDocumentation" : "The current status of the Elasticsearch service software update.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"setterDocumentation" : "The current status of the Elasticsearch service software update.
@param serviceSoftwareOptions The current status of the Elasticsearch service software update."

"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "The current status of the Elasticsearch service software update.
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ 
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder}()
  When the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build}() is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}
  a consumer that will call methods on { @link ServiceSoftwareOptions.Builder}.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #serviceSoftwareOptions(ServiceSoftwareOptions)
  "deprecated" : false,
  "documentation" : "The current status of the Elasticsearch service software update."
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@return The current status of the Elasticsearch service software update.",
"getterModel" : {
  "returnType" : "ServiceSoftwareOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ServiceSoftwareOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ServiceSoftwareOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,
"members" : []
  
  "beanStyleGetterMethodName" : "getStorageTypeName",
  "beanStyleSetterMethodName" : "setStorageTypeName",
  "c2jName" : "StorageTypeName",
  "c2jShape" : "StorageTypeName",
  
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n  This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.\n  When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #storageTypeName(String) }.\n  @param storageTypeName a consumer that will call methods on { @link String.Builder }\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #storageTypeName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "storageTypeName",
  "fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n  The new value for the StorageTypeName property for this object.\n  @param storageTypeName The new value for the StorageTypeName property for this object.\n  @return Returns a reference to this object so that method calls can be chained together.\n  .\n  "fluentSetterMethodName" : "storageTypeName",
  "getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n  @return The value of the StorageTypeName property for this object.\n  
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StorageTypeName",
  }
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.

@param storageTypeName The new value for the StorageTypeName property for this object.

@see #storageTypeName(String)",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getStorageSubTypeName",
  "beanStyleSetterMethodName" : "setStorageSubTypeName",
  "c2jName" : "StorageSubTypeName",
  "c2jShape" : "StorageSubTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #storageSubTypeName(String)} \n@param storageSubTypeName a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #storageSubTypeName(String)"
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageSubTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "storageSubTypeName",
"getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.

@return The value of the StorageSubTypeName property for this object.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageSubTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageSubTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageSubTypeName",
"setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.
@return The value of the StorageSubTypeName property for this object.
",
"setterMethodName" : "setStorageSubTypeName",
"setterModel" : {
"variableDeclarationType" : "String"}
"variableName": "storageSubTypeName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "storageSubTypeName",
"variableType": "String",
"documentation": "",
"simpleType": "",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
],

"beanStyleGetterMethodName": "getStorageTypeLimits",
"beanStyleSetterMethodName": "setStorageTypeLimits",
"c2jName": "StorageTypeLimits",
"c2jShape": "StorageTypeLimitList",
"defaultConsumerFluentSetterDocumentation": "<p>List of limits that are applicable for given storage type.

This is a convenience that creates an instance of the {@link List<StorageTypeLimit>.Builder} avoiding the
need to create one manually via {@link List<StorageTypeLimit>.Builder#builder()}. When the {@link Consumer} completes,{@link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to
{@link #storageTypeLimits(List<StorageTypeLimit>)}. Returns a reference to this object so that method
calls can be chained together.<br/>

@see #storageTypeLimits(List<StorageTypeLimit>)",
"deprecated": false,
"documentation": "<p>List of limits that are applicable for given storage type. </p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "storageTypeLimits",
"fluentSetterDocumentation": "<p>List of limits that are applicable for given storage type. </p>
@param storageTypeLimits List of limits that are applicable for given storage type.
@return Returns a reference to this object so that method
calls can be chained together.

@see #storageTypeLimits(List<StorageTypeLimit>)",
"fluentSetterMethodName": "storageTypeLimits",
"getterDocumentation": "<p>List of limits that are applicable for given storage type. </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return List of limits that are applicable for given storage type.

@see #storageTypeLimits(List<StorageTypeLimit>)",
"getterModel": {
"returnType": "java.util.List<StorageTypeLimit>",
"documentation": null
},
null,
  "flatten" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeLimits",
  "uri" : false
},
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : true,
  "listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "StorageTypeLimit",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the { @link StorageTypeLimit.Builder} avoiding the need to create one manually via { @link StorageTypeLimit#builder()}.\nWhen the { @link Consumer} completes, { @link StorageTypeLimit.Builder#build()} is called immediately and its result is passed to { @link #member(StorageTypeLimit)}.\n@param member a consumer a consumer that will call methods on { @link StorageTypeLimit.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(StorageTypeLimit)",
      "deprecated" : false,
      "documentation" : "",
      "enumType" : null,
      "eventNameHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "member",
      "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.".,
      "fluentSetterMethodName" : "member",
      "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.

"getterModel": {
   "returnType": "StorageTypeLimit",
   "documentation": null
 },

"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flattened": false,
   "greedy": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": null,
   "marshallLocation": "PAYLOAD",
   "marshallLocationName": "member",
   "queryString": false,
   "statusCode": false,
   "unmarshallLocationName": "member",
   "uri": false
 },

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "SDK_POJO",

"name": "Member",

"setterDocumentation": "Sets the value of the Member property for this object.\n\n@para member The new value for the Member property for this object."

"setterMethodName": "setMember",

"setterModel": {
   "variableDeclarationType": "StorageTypeLimit",
   "variableName": "member",
   "variableType": "StorageTypeLimit",
   "documentation": null,
   "simpleType": "StorageTypeLimit",
   "variableSetterType": "StorageTypeLimit"
 },

"simple": false,

"timestampFormat": null,

"variable": {
   "variableDeclarationType": "StorageTypeLimit",
   "variableName": "member",
   "variableType": "StorageTypeLimit",
   "documentation": null,

   "simple": true
}
"simpleType" : "StorageTypeLimit",
"variableSetterType" : "StorageTypeLimit"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
@param
storageTypeLimits List of limits that are applicable for given storage type."
,"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
   },
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
   },
"xmlNameSpaceUri" : null
}]
"membersAsMap" : {
  "StorageSubTypeName" : {
    "beanStyleGetterMethodName" : "getStorageSubTypeName",
    "beanStyleSetterMethodName" : "setStorageSubTypeName",
    "c2jName" : "StorageSubTypeName",
    "c2jShape" : "StorageSubTypeName"}}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link storageSubTypeName(String)].

@returns Returns a reference to this object so that method calls can be chained together.
@see #storageSubTypeName(String)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageSubTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

@see #storageSubTypeName(String)"

"getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.

@returns The value of the StorageSubTypeName property for this object.

The value of the StorageSubTypeName property for this object.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageSubTypeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageSubTypeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType": "STRING",
"name": "StorageSubTypeName",
"setterDocumentation": "Sets the value of the StorageSubTypeName property for this object.\n\n@param storageSubTypeName The new value for the StorageSubTypeName property for this object.",
"setterMethodName": "setStorageSubTypeName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "storageSubTypeName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "storageSubTypeName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"StorageTypeLimits": {
"beanStyleGetterMethodName": "getStorageTypeLimits",
"beanStyleSetterMethodName": "setStorageTypeLimits",
"c2jName": "StorageTypeLimits",
"c2jShape": "StorageTypeLimitList",
"defaultConsumerFluentSetterDocumentation": "\n\nThis is a convenience that creates an instance of the List<StorageTypeLimit>.Builder avoiding the need to create one manually via List<StorageTypeLimit>#builder().\n\nWhen the Consumer completes, List<StorageTypeLimit>.Builder#build() is called immediately and its result is passed to List<StorageTypeLimits>(List<StorageTypeLimit>).\n\n@param storageTypeLimits a consumer that will call methods on List<StorageTypeLimit>.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",
"deprecated": false,
"documentation": "\n\nList of limits that are applicable for given storage type.\n\n@type StorageTypeLimits\n\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "storageTypeLimits",
"fluentSetterDocumentation": "\n\nList of limits that are applicable for given storage type.\n\n@param storageTypeLimits List of limits that are applicable for given storage type.\n\n@return Returns a reference to this object so that method calls can be chained together.""}
"fluentSetterMethodName":"storageTypeLimits",
"getterDocumentation"":"List of limits that are applicable for given storage type. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@return List of limits that are applicable for given storage type."
"getterModel": {
"returnType": "java.util.List<StorageTypeLimit>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "StorageTypeLimits",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "StorageTypeLimits",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
"beanStyleGetterMethodName": "getMember",
"beanStyleSetterMethodName": "setMember",
"c2jName": "member",
"c2jShape": "StorageTypeLimit",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the StorageTypeLimit.Builder avoiding the need to create one manually via StorageTypeLimit#builder(). When the Consumer completes, StorageTypeLimit.Builder#build() is called immediately and its result is passed to StorageTypeLimit.
@param member a consumer that will call methods on StorageTypeLimit
@return Returns a reference to this object so that method calls can be chained together.
@see #member(StorageTypeLimit)",
"deprecated": false,
"documentation": 
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.
@return The value of the Member property for this object."
"getterModel": {
 "returnType": "StorageTypeLimit",
 "documentation": null
},
"http": {
 "additionalMarshallingPath": null,
 "additionalUnmarshallingPath": null,
 "flattened": false,
 "greedy": false,
 "header": false,
 "isPayload": false,
 "isStreaming": false,
 "location": null,
 "marshallLocation": "PAYLOAD",
 "marshallLocationName": "member",
 "queryString": false,
 "statusCode": false,
 "unmarshallLocationName": "member",
 "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object",
"setterMethodName": "setMember",
"setterModel": {
 "variableDeclarationType": "StorageTypeLimit",
 "variableName": "member",
 "variableType": "StorageTypeLimit",
 "documentation": null,
 "simpleType": "StorageTypeLimit",
 "variableSetterType": "StorageTypeLimit"
"variable" : {
    "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
    "variableName" : "storageTypeLimits",
    "variableType" : "java.util.List<StorageTypeLimit>",
    "documentation" : null,
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
        "variableName" : "storageTypeLimits",
        "variableType" : "java.util.List<StorageTypeLimit>",
        "documentation" : null,
        "simple" : false,
        "timestampFormat" : null,
        "variable" : {
            "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
            "variableName" : "storageTypeLimits",
            "variableType" : "java.util.List<StorageTypeLimit>",
            "documentation" : null,
            "simple" : false,
            "timestampFormat" : null,
            "variable" : {
                "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
                "variableName" : "storageTypeLimits",
                "variableType" : "java.util.List<StorageTypeLimit>",
                "documentation" : null,
                "simple" : false,
                "timestampFormat" : null,
                "variable" : {
                    "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
                    "variableName" : "storageTypeLimits",
                    "variableType" : "java.util.List<StorageTypeLimit>",
                    "documentation" : null,
                    "simple" : false,
                    "timestampFormat" : null,
                },
            },
        },
    },
}
"xmlNameSpaceUri" : null
},
"StorageTypeName" : {
"beanStyleGetterMethodName" : "getStorageTypeName",
"beanStyleSetterMethodName" : "setStorageTypeName",
"c2jName" : "StorageTypeName",
"c2jShape" : "StorageTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #storageTypeName(String)]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\nThe new value for the StorageTypeName property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.\n\n@return The value of the StorageTypeName property for this object.\n",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeName",
"uri" : false
}.
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.

@param storageTypeName The new value for the StorageTypeName property for this object."
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getStorageTypeName",
  "beanStyleSetterMethodName" : "setStorageTypeName",
  "c2jName" : "StorageTypeName",
  "c2jShape" : "StorageTypeName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.\n\nThis is a convenience that creates an instance of the \n{@link String.Builder} avoiding the need to create
one manually via \n{@link String#builder()}.\n\nWhen the \n{@link Consumer} completes, \n{@link String.Builder#build()} is called immediately and its result is passed to \n{@link #storageTypeName(String) }\n\n@param storageTypeName a consumer that will call methods on \n{@link String.Builder} returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.

@param storageTypeName The new value for the StorageTypeName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageTypeName",
"getterDocumentation" : "Returns the value of the StorageTypeName property for this object.

@return The value of the StorageTypeName property for this object.",
"getterModel" : {},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageTypeName",
"setterDocumentation" : "Sets the value of the StorageTypeName property for this object.

@return The new value for the StorageTypeName property for this object.",
"setterMethodName" : "setStorageTypeName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "storageTypeName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "storageTypeName",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStorageSubTypeName",
"beanStyleSetterMethodName" : "setStorageSubTypeName",
"c2jName" : "StorageSubTypeName",
"c2jShape" : "StorageSubTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object. This is a convenience that creates an instance of the @link String.Builder] avoiding the need to create one manually via { @link String.Builder()}. When the @link Consumer] completes, @link String.Builder#build() is called immediately and its result is passed to @link StorageSubTypeName(String)\n@see StorageSubTypeName(String)\n@deprecated Returns a reference to this object so that method calls can be chained together.\n@see StorageSubTypeName(String)",
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageSubTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.@param storageSubTypeName The new value for the StorageSubTypeName property for this object.@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "storageSubTypeName",
"getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.@return The value of the StorageSubTypeName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageSubTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageSubTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageSubTypeName",
"setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@param storageSubTypeName The new value for the StorageSubTypeName property for this object.",
"setterMethodName" : "setStorageSubTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStorageTypeLimits",
"beanStyleSetterMethodName" : "setStorageTypeLimits",
"c2jName" : "StorageTypeLimits",
"c2jShape" : "StorageTypeLimitList"
"defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>

This is a convenience that creates an instance of the {@link List<StorageTypeLimit>.Builder} avoiding the need to create one manually via {@link List<StorageTypeLimit>#builder()}. When the {@link Consumer} completes, {@link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to {\link List<StorageTypeLimit> a consumer that will call methods on.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",

"deprecated" : false,
"documentation" : "List of limits that are applicable for given storage type."

"eventType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeLimits",
"fluentSetterDocumentation" : "List of limits that are applicable for given storage type. \n\n@param storageTypeLimits List of limits that are applicable for given storage type.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",

"fluentSetterMethodName" : "storageTypeLimits",
"getterDocumentation" : "List of limits that are applicable for given storage type. \n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return List of limits that are applicable for given storage type.",

"getterModel" : {
  "returnType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeLimits",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "list" : true
}
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "StorageTypeLimit",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the [@link StorageTypeLimit.Builder] avoiding
the need to create one manually via [@link StorageTypeLimit#builder()]. When the [@link Consumer] completes,
[@link StorageTypeLimit.Builder#build()] is called immediately and its result is passed to
[@link #member(StorageTypeLimit)].

@see #member(StorageTypeLimit)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. Returns a reference to this object so that method
calls can be chained together.

@see #member(StorageTypeLimit)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.
@see #member(StorageTypeLimit)"
  "getterModel" : {
    "returnType" : "StorageTypeLimit",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "StorageTypeLimit",
  "variableName": "member",
  "variableType": "StorageTypeLimit",
  "documentation": null,
  "simpleType": "StorageTypeLimit",
  "variableSetterType": "StorageTypeLimit"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "StorageTypeLimit",
  "variableName": "member",
  "variableType": "StorageTypeLimit",
  "documentation": "",
  "simpleType": "StorageTypeLimit",
  "variableSetterType": "StorageTypeLimit"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "StorageTypeLimit",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "StorageTypeLimit",
"templateImplType": "java.util.ArrayList<StorageTypeLimit>",
"templateType": "java.util.List<StorageTypeLimit>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "StorageTypeLimits",
"setterDocumentation": "List of limits that are applicable for given storage type. List of limits that are applicable for given storage type.",
"setterMethodName": "setStorageTypeLimits", 
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "storageType",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"wrapper" : false
},
"StorageTypeLimit" : {
  "c2jName" : "StorageTypeLimit",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}
"deprecated" : false,
"documentation" : "<p>Limits that are applicable for given storage type. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ]

"beanStyleGetterMethodName" : "getLimitName",
"beanStyleSetterMethodName" : "setLimitName",
"c2jName" : "LimitName",
"c2jShape" : "LimitName",
"defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If &lt;code&gt; &lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt;
&lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;/ol&gt;&lt;/p&gt;

This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String.Builder#builder()}].

When the [{@link Consumer}] completes, [{@link String.Builder#build()}] is called immediately and its result is passed to [{@link #limitName(String)}].

@see #limitName(String)

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If &lt;code&gt;
&lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt;
&lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;/ol&gt;&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If &lt;code&gt;
&lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt;
&lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;/ol&gt;&lt;/p&gt;",
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"hasStreamingMember" : false,
empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@返回	Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@return	Returns a reference to this object so that method calls can be chained together.

"setterMethodName" : "limitName",
"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@return Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable:

- **MinimumVolumeSize**: Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- **MaximumVolumeSize**: Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- **MaximumIops**: Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
- **MinimumIops**: Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.

```java
@param limitName Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable:
```
This is a convenience that creates an instance of the
\{ @link List<String>.Builder \} avoiding the need to create one manually via \{ @link List<String>#builder() \}.

When the \{ @link Consumer \} completes, \{ @link List<String>.Builder#build() \} is called immediately and its result is passed to \{ @link #limitValues(List<String>) \}.

\@param limitValues a consumer that will call methods on \{ @link List<String>.Builder \}.
\@return Returns a reference to this object so that method calls can be chained
together.
\@see #limitValues(List<String>)

\"defaultConsumerFluentSetterDocumentation\" : \"<p> Values for the <code>StorageTypeLimit$LimitName</code>.
</p>
This is a convenience that creates an instance of the \{ @link List<String>.Builder \} avoiding the need to create one manually via \{ @link List<String>#builder() \}.

When the \{ @link Consumer \} completes, \{ @link List<String>.Builder#build() \} is called immediately and its result is passed to \{ @link #limitValues(List<String>) \}.

\@param limitValues a consumer that will call methods on \{ @link List<String>.Builder \}.
\@return Returns a reference to this object so that method calls can be chained
together.
\@see #limitValues(List<String>)

\"deprecated\" : false,
\"documentation\" : \"<p> Values for the <code>StorageTypeLimit$LimitName</code>.
</p>
\@param limitValues Values for the <code>StorageTypeLimit$LimitName</code>.
\@return Returns a reference to this object so that method calls can be chained
together.
\@see #limitValues(List<String>)

\"getterDocumentation\" : \"<p> Values for the <code>StorageTypeLimit$LimitName</code>.
\</p>
\@return Values for the <code>StorageTypeLimit$LimitName</code>.

\@param limitValues Values for the <code>StorageTypeLimit$LimitName</code>.
\@return Returns a reference to this object so that method calls can be chained
together.
\@see #limitValues(List<String>)

\"getterModel\" : {
\"returnType\" : \"java.util.List<String>\",
\"documentation\" : null
},
\"http\" : {
\"additionalMarshallingPath\" : null,
\"additionalUnmarshallingPath\" : null,
\"flattened\" : false,
\"greedy\" : false,
\"header\" : false,
\"isPayload\" : false,
\"isStreaming\" : false,
\"location\" : null,
\"marshallLocation\" : \"PAYLOAD\",
\"marshallLocationName\" : \"LimitValues\",
\"queryString\" : false,
\"statusCode\" : false,
\"unmarshallLocationName\" : \"LimitValues",
\"uri\" : false
},
\"idempotencyToken\" : false,
\"isBinary\" : false,
\"jsonValue\" : false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "LimitValue",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #member(String)}. The new value for the Member property for this object.

@see #member(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "member",
    "fluentSetterDocumentation": "Sets the value of the Member property for this object.

@see #member(String)",
    "fluentSetterMethodName": "member",
    "getterDocumentation": "Returns the value of the Member property for this object.

@see #member(String)",
    "getterModel": {
      "returnType": "String",
      "documentation": null
    },
    "http": {
      "additionalMarshallingPath": null,
      "additionalUnmarshallingPath": null,
      "flattened": false,
      "greedy": false,
      "header": false,
      "isPayload": false,
      "isStreaming": false,
      "location": null,
      "marshallLocation": "PAYLOAD",
      "marshallLocationName": "member",
      "queryString": false,
      "statusCode": false,
      "unmarshallLocationName": "member",
      "uri": false
    }
  }
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "member",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "member",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "LimitValues",
"setterDocumentation": "<p> Values for the <code><a>StorageTypeLimit$LimitName</a></code> ."
@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .

"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
}
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "LimitName" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #limitName(String)]. @return Returns a reference to this object so that method calls can be chained together. @see #limitName(String)",
  "deprecated" : false,
  "documentation" : "Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <ol>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
</p>
@param limitName
Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitName",
"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
</p>
@return Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</p>
@param limitName Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</ol>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</p>
@param limitName Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</ol>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <ol> <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</ol>
"setterMethodName" : "setLimitName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
<li>**MaximumVolumeSize**</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.

<li>**MaximumIops**</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.

<li>**MinimumIops**</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.

```java
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"LimitValues" : {
"beanStyleGetterMethodName" : "getLimitValues",
"beanStyleSetterMethodName" : "setLimitValues",
"c2jName" : "LimitValues",
"c2jShape" : "LimitValueList",
"defaultConsumerFluentSetterDocumentation" : "<p>Values for the <code> StorageTypeLimit$LimitName </code>. This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the list completes, the builder#build() is called immediately and its result is passed to the List<String>.Builder#return Returns a reference to this object so that method calls can be chained together.

@see #limitValues(List<String>)",
"deprecated" : false,
"documentation" : "<p>Values for the <code> StorageTypeLimit$LimitName </code>.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p>Values for the <code> StorageTypeLimit$LimitName </code>.

"getterDocumentation" : "<p>Values for the <code> StorageTypeLimit$LimitName </code>.

"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,

```
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [member(String)].

@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.

@see #member(String)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.

@see #member(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : <p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"xmlNameSpaceUri" : null
}

},
"nonStreamingMembers" : [
"beanStyleGetterMethodName" : "getLimitName",
"beanStyleSetterMethodName" : "setLimitName",
"c2jName" : "LimitName",
"c2jShape" : "LimitName",
"defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> 
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via
When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link #limitName(String)`.

```
return Returns a reference to this object so that method calls can be chained together.
```

```
@see #limitName(String)
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>


```
return Returns a reference to this object so that method calls can be chained together.
```

```
@see #limitName(String)
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>

```
return Returns a reference to this object so that method calls can be chained together.
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>

```
return Returns a reference to this object so that method calls can be chained together.
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>

```
return Returns a reference to this object so that method calls can be chained together.
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>

```
return Returns a reference to this object so that method calls can be chained together.
```

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
StorageType</code> is ebs, following storage options are applicable
<ol>
  <li>MinimumVolumeSize</li>
  Minimum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumVolumeSize</li>
  Maximum amount of volume size that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MaximumIops</li>
  Maximum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
  <li>MinimumIops</li>
  Minimum amount of Iops that is applicable for given storage type.
  It can be empty if it is not applicable.
</ol>

```
return Returns a reference to this object so that method calls can be chained together.
```

"deprecated" : false,
"documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "LimitName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "LimitName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "LimitName",
"setterDocumentation": "<p> Name of storage limits that are applicable for given storage type. If <code>&lt;code&gt; &lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt; &lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;ol&gt; &lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;ol&gt; &lt;/ol&gt; &lt;/ol&gt; &lt;/ol&gt; &lt;/p&gt;\" @param limitName Name of storage limits that are applicable for given storage type. If &lt;code&gt; &lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt; &lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;ol&gt; &lt;/ol&gt; &lt;/ol&gt; &lt;/ol&gt; &lt;/p&gt;\")
  "setterMethodName": "setLimitName",
  "setterModel": {
    "variableDeclarationType": "String",
    "variableName": "limitName",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String"}
"variableSetterType" : "String",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "limitName",
  "variableType" : "String",
  "documentation" : "<p>Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable
  <ol>
    <li>MinimumVolumeSize</li>
    <li>MaximumVolumeSize</li>
    <li>MaximumIops</li>
    <li>MinimumIops</li>
  </ol>
  Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
  Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
  Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
  Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null},

"beanStyleGetterMethodName" : "getLimitValues",
"beanStyleSetterMethodName" : "setLimitValues",
"c2jName" : "LimitValues",
"c2jShape" : "LimitValueList",
"defaultConsumerFluentSetterDocumentation" : "<p>Values for the <code>StorageTypeLimit$LimitName</code>. This is a convenience that creates an instance of the
  <code>List<String>.Builder</code> avoiding the need to create one manually via
  <code>@link List<String>#builder()</code>. When the
  <code>@link Consumer</code> completes, <code>@link List<String>.Builder#build()</code> is called immediately and its result is passed
to <code>@link #limitValues(List<String>)</code>.<code>@param limitValues</code> a consumer that will call methods on <code>@link List<String>.Builder</code>
  @return Returns a reference to this object so that method calls can be chained together.<code>@see #limitValues(List<String>)</code>.
",
  "deprecated" : false,
  "documentation" : "<p>Values for the <code>StorageTypeLimit$LimitName</code>. This is a convenience that creates an instance of the
  <code>List<String>.Builder</code> avoiding the need to create one manually via
  <code>@link List<String>#builder()</code>. When the
  <code>@link Consumer</code> completes, <code>@link List<String>.Builder#build()</code> is called immediately and its result is passed
to <code>@link #limitValues(List<String>)</code>.<code>@param limitValues</code> a consumer that will call methods on <code>@link List<String>.Builder</code>
  @return Returns a reference to this object so that method calls can be chained together.<code>@see #limitValues(List<String>)</code>.
",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitValues",
  "fluentSetterDocumentation" : "<p>Values for the <code>StorageTypeLimit$LimitName</code>. This is a convenience that creates an instance of the
  <code>List<String>.Builder</code> avoiding the need to create one manually via
  <code>@link List<String>#builder()</code>. When the
  <code>@link Consumer</code> completes, <code>@link List<String>.Builder#build()</code> is called immediately and its result is passed
to <code>@link #limitValues(List<String>)</code>.<code>@param limitValues</code> a consumer that will call methods on <code>@link List<String>.Builder</code>
  @return Returns a reference to this object so that method calls can be chained together.<code>@see #limitValues(List<String>)</code>.
",
  "getterDocumentation" : "<p>Values for the <code>StorageTypeLimit$LimitName</code>. This is a convenience that creates an instance of the
  <code>List<String>.Builder</code> avoiding the need to create one manually via
  <code>@link List<String>#builder()</code>. When the
  <code>@link Consumer</code> completes, <code>@link List<String>.Builder#build()</code> is called immediately and its result is passed
to <code>@link #limitValues(List<String>)</code>.<code>@param limitValues</code> a consumer that will call methods on <code>@link List<String>.Builder</code>
  @return Returns a reference to this object so that method calls can be chained together.<code>@see #limitValues(List<String>)</code>.
",
  "getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitValues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitValues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {[@link String#builder()]).\nWhen the {[@link Consumer} completes, {[@link String.Builder#build()} is called immediately and its result is passed to {[@link #member(String))].\n\n@see #member(String)"
   ,
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(String)"
   ,
  "return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)"
   ,
  "return Returns a reference to this object so that method calls can be chained together."}
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member"}
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
",
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "limitValues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
VERRIDE VALUES FOR THE <CODE> <A>STORAGE-TYPE</A> $LIMIT-NAME</CODE> . </P>","simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>
",
  "xmlNameSpaceUri" : null
} },
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageTypeLimit"
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "StorageTypeLimit",
  "variableName": "storageTypeLimit",
  "variableType": "StorageTypeLimit",
  "documentation": null,
  "simpleType": "StorageTypeLimit",
  "variableSetterType": "StorageTypeLimit"
},
"wrapper": false
},
"Tag": {
  "c2jName": "Tag",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p>Specifies a key value pair for a resource tag.</p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "members": [
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "Key",
    "c2jShape": "TagKey",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies the <code>TagKey</code>, the name of the tag.
Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\nThis is a convenience that
creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link
String#builder()].\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called
immediately and its result is passed to [@link #key(String)].\n@returns a reference to this object so that method calls can be chained
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>
@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "key",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>
@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be
unique for the Elasticsearch domain to which they are attached.

```java
@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.
```

```java
setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.,"
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

```
beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "Value",
"c2jShape" : "TagValue",
"defaultConsumerFluentSetterDocumentation" : "Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

This is a convenience that creates an instance of the <a href="#String.Builder">String.Builder</a> avoiding the need to create one manually via <code>@link String#builder()</code>. When the <a href="#String.Builder#build">String.Builder#build</a>() is called immediately and its result is passed to <a href="#String#value">String#value</a>() a consumer that will call methods on <a href="#String.Builder">String.Builder</a>

```
fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
```
```
corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a
key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@returns Returns a reference to this object

@fluentSetterMethodName "value",

"getterDocumentation" : 
"<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@return Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Value",
"uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "Value",

"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>."

"setterModel" : {
"returnType" : "String",
"documentation" : null
}
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "Key" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "Key",
    "c2jShape" : "TagKey",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
    <ul><li>simpleType : "String",
    <li>variableSetterType : "String"
    </ul>
    <p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}.
    <p>When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.
    <p>@param key a consumer that will call methods on {@link String.Builder}
    <p>@return Returns a reference to this object so that method calls can be chained together.
    <p>@see #key(String)
    </ul>
    <p>deprecated" : false,
    "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>"
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>"
    "@param key Specifies the 
    <p>@see #key(String)
    </ul>
    <p>deprecated" : false,
    "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>"",}
are attached.

```java
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "key",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.

"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
```
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "<p> Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Value" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "Value",
    "c2jShape" : "TagValue",
    "defaultValueFluentSetterDocumentation" : "<p> Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the Consumer completes, it is called immediately and its result is passed to the consumer that will call methods on the String.Builder. A reference to this object is returned so that method calls can be chained together. See value(String)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@link String.Builder

@see value(String)",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "<p> Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>. The value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>. The value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

Returned Returns a reference to this object so that method calls can be chained together.

@see value(String)",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "<p> Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>. The value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

Returned Returns a reference to this object so that method calls can be chained together.

@see value(String)"}
and <code>cost-center : Trinity</code>

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Value",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "Value",

"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.</p>

@param value

Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

"setterMethodName" : "setValue",

"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Key",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>\n@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
"setterMethodName": "setKey",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "Value",
"c2jShape" : "TagValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>

This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>String.Builder(builder())</code>. When the <code>Consumer</code> completes, <code>String.Builder.build()</code> is called immediately and its result is passed to <code>String.value(String)</code>

@see <code>value(String)</code>",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>

EnumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "value",
"fluentSetterDocumentation": "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>

@see <code>value(String)</code>",
"getterDocumentation": "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>

@see <code>value(String)</code>"

getterModel": {
  "returnType": "String",
  "documentation": null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Value",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Key", "Value" ],
"shapeName" : "Tag",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "tag",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"wrapper" : false
},
"UpdateElasticsearchDomainConfigRequest" : {
  "c2jName" : "UpdateElasticsearchDomainConfigRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "UpdateElasticsearchDomainConfig",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
    "target" : null,
    "verb" : "POST",
    "xmlNameSpaceUri" : null
  },
  "members" : [ 
  "variable" : {
    "variableDeclarationType" : "Tag",
    "variableName" : "tag",
    "variableType" : "Tag",
    "documentation" : null,
    "simpleType" : "Tag",
    "variableSetterType" : "Tag"
  },
  "wrapper" : false
  },
  "UpdateElasticsearchDomainConfigRequest" : {
    "c2jName" : "UpdateElasticsearchDomainConfigRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
      "action" : "UpdateElasticsearchDomainConfig",
      "locationName" : null,
      "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
      "target" : null,
      "verb" : "POST",
      "xmlNameSpaceUri" : null
    },
    "members" : [ 
    "variable" : {
      "variableDeclarationType" : "Tag",
      "variableName" : "tag",
      "variableType" : "Tag",
      "documentation" : null,
      "simpleType" : "Tag",
      "variableSetterType" : "Tag"
    },
    "wrapper" : false
  },
  "UpdateElasticsearchDomainConfigRequest" : {
    "c2jName" : "UpdateElasticsearchDomainConfigRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
      "action" : "UpdateElasticsearchDomainConfig",
      "locationName" : null,
      "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
      "target" : null,
      "verb" : "POST",
      "xmlNameSpaceUri" : null
    },
    "members" : [ ]
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you are updating. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.\n\n@param domainName a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "The name of the Elasticsearch domain that you are updating.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.\n\n@param domainName a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain that you are updating.\n\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you are updating.\n\n@return The name of the Elasticsearch domain that you are updating."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"isStreaming" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>
@param
domainName The name of the Elasticsearch domain that you are updating.

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>
This is a convenience that creates an instance of the [ElasticsearchClusterConfig.Builder] avoiding the need to create one manually via [ElasticsearchClusterConfig#builder()].

When the [link Consumer] completes, [link ElasticsearchClusterConfig.Builder#build()] is called immediately and its result is passed to [link ElasticsearchClusterConfig(ElasticsearchClusterConfig)] a consumer that will call methods on [link ElasticsearchClusterConfig.Builder] returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig"
"fluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodTypeName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>@return The type and number of instances to instantiate for the domain cluster.",
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.",
"setterMethodTypeName" : "setElasticsearchClusterConfig",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Specify the type and size of the EBS volume that you want to use. &lt;/p&gt;&lt;para&gt;This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder}.
When the {@link Consumer} completes, {@link EBSOptions.Builder#build} is called immediately and its result is passed to {@link EBSOptions#param ebsOptions a consumer that will call methods on @link EBSOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #ebsOptions(EBSOptions)\@param ebsOptions Specify the type and size of the EBS volume that you want to use.@return Returns a reference to this object so that method calls can be chained together."."
"deprecated" : false,
"documentation" : "&lt;p&gt;Specify the type and size of the EBS volume that you want to use. &lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "&lt;p&gt;Specify the type and size of the EBS volume that you want to use. &lt;/p&gt;&lt;para&gt;Specify the type and size of the EBS volume that you want to use.\@return Returns a reference to this object so that method calls can be chained together."."
"getterDocumentation" : "&lt;p&gt;Specify the type and size of the EBS volume that you want to use. &lt;/p&gt;\@return Returns a reference to this object so that method calls can be chained together.".
"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
Specify the type and size of the EBS volume that you want to use.

@link SnapshotOptions.Builder

When the @link Consumer completes, 

Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the

SnapshotOptions.Builder#build() is called immediately and its result is passed to {link
#snapshotOptions(SnapshotOptions)}\n\n@param snapshotOptions a consumer that will call methods on {link
SnapshotOptions.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #snapshotOptions(SnapshotOptions)

"deprecated" : false,
"documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value
is <code>0</code> hours. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot.
Default value is <code>0</code> hours. </p>
@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>
@return Option to set the time, in UTC format, for the daily automated snapshot.
return Returns a reference to this object
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>
@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>
This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}.
When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link VPCOptions}.

@see #vpcOptions(VPCOptions)
@deprecated
"documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentMethodName" : "vpcOptions",
"fluentSetterDocumentation" : ">Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : ">Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"getterModel" : {  
  "returnType" : "VPCOptions",
  "documentation" : null
},
"http" : {  
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

```
@<param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>
```

"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

```

This is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}, avoiding the need to create one manually via {@link CognitoOptions#builder()

When the {@link Consumer} completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link CognitoOptions.Builder#build()}

```

"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the CognitoOptions.Builder, avoiding the need to create one manually via CognitoOptions#builder().

When the Consumer completes, CognitoOptions.Builder#build() is called immediately and its result is passed to CognitoOptions.Consumer.

```

"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```

"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "Amazon Cognito Authentication for Kibana.

```

"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```

"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```

"deprecated" : false,
"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```

"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="/http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. \n@returns Returns a reference to this object so that method calls can be chained together.".
"getterMethodDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="/http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. \n@returns Returns a reference to this object so that method calls can be chained together. ",
"getterMethodName" : "cognitoOptions",
"getterModel" : {
 "returnType" : "CognitoOptions",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallingLocation" : "PAYLOAD",
 "marshallingLocationName" : "CognitoOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallingLocationName" : "CognitoOptions",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO"}
"name" : "CognitoOptions",
"setterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.&gt;&lt;/p&gt;&lt;p&gt;&lt;@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>&gt;.&lt;/p&gt;",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Modifies the advanced option to allow references to indices in an HTTP request body. Must be &lt;code&gt;false&lt;/code&gt; when configuring access to individual sub-resources. By default, the value is &lt;code&gt;true&lt;/code&gt;.&lt;/p&gt; See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.&lt;/p&gt;&lt;p&gt;&lt;@n&gt;This is a convenience that creates an instance of the [@link Map&lt;String,String&gt;.Builder] avoiding the need to create one manually via [@link Map&lt;String,String&gt;#builder()].&lt;@n&gt;When the [@link Consumer] completes, [@link Map&lt;String,String&gt;.Builder#build()] is called immediately and its result is passed to [@link Map#advancedOptions(Map&lt;String,String&gt;)].&lt;@n&gt;@param advancedOptions a consumer that will call methods on [@link Map&lt;String,String&gt;.Builder]&lt;@n&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;@n&gt;@see #advancedOptions(Map&lt;String,String&gt;)&lt;/p&gt;",
  "deprecated" : false,
  "documentation" : "&lt;p&gt;Modifies the advanced option to allow references to indices in an HTTP request body. Must be &lt;code&gt;false&lt;/code&gt; when configuring access to individual sub-resources. By default, the value is

```java
퓸ary advancedOptions

@method modifiers advancedOptions allows references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>.

@param advancedOptions

@return Returns a reference to this object so that method calls can be chained together.

```
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultValueDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the @{link String.Builder} avoiding the need to create one manually via @{link String.Builder#builder()}. When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #key(String)}. @param key a consumer that will call methods on @{link String.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.

The new value for the Key property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)

"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.

@return The value of the Key property for this object."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis
is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}.

When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #value(String)}.

@return Returns a reference to this object so that method calls can be chained
together.

@see #value(String)"

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained
together.

@see #value(String)"

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.

getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value"
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n".
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>\n\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": "Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."",
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getAccessPolicies",
"beanStyleSetterMethodName": "setAccessPolicies",
"c2jName": "AccessPolicies",
"c2jShape": "PolicyDocument",
"defaultConsumerFluentSetterDocumentation": "IAM access policy as a JSON-formatted string.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #accessPolicies(String)}. @param accessPolicies a consumer that will call methods on {@link String.Builder} return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"deprecated": false,
"documentation": "IAM access policy as a JSON-formatted string."",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "accessPolicies",
"fluentSetterDocumentation": "IAM access policy as a JSON-formatted string.

@param accessPolicies IAM access policy as a JSON-formatted string.

@return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"fluentSetterMethodName": "accessPolicies",
"getterDocumentation": "IAM access policy as a JSON-formatted string.

@return IAM access policy as a JSON-formatted string.

@see #accessPolicies(String)",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
IAM access policy as a JSON-formatted string,

```java

 IAM access policy as a JSON-formatted string.";

setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Map of &lt;code&gt;LogType&lt;/code&gt; and
```
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the {@link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via {@link Map<String,LogPublishingOption>#builder()}. When the method completes, the builder is called immediately and its result is passed to the method via the `Map<String,LogPublishingOption>`. The `@param` tag is used to indicate that the method returns a reference to this object so that method calls can be chained together.

```java
@Deprecated
@Return
@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)
```

### Documentation

```
Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
```

```java
enum Type : null,

.eventHeader : false,

.eventPayload : false,

"fluentEnumMethodName" : "logPublishingOptions",

"fluentEnumSetterMethodName" : "logPublishingOptions",

"fluentGetterMethodName" : "logPublishingOptionsAsStrings",

"fluentSetterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
```

```java
@Return
Returns a reference to this object so that method calls can be chained together.
```

```java
@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)
```
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the @link String.Builder
      avoiding the need to create one manually via @link String#builder().
      When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link LogType#keyAsString(String).
      @param key a consumer that will call methods on @link String.Builder
      @return Returns a reference to this object so that method calls can be chained together.
      @see #key(String),
    "deprecated" : false,
    "documentation" : "",
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
      The new value for the Key property for this object.
      @return Returns a reference to this object so that method calls can be chained together.
      @see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.
      If the service returns an enum value that is not available in the current SDK version, @link #key will return @link LogType#UNKNOWN_TO_SDK_VERSION). The raw value returned by the service is available from @link #keyAsString).
      @return The value of the Key property for this object.
      @see LogType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
    }
  }
}
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n\n@see LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "LogPublishingOption",
  "defaultValueConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the \{@link LogPublishingOption.Builder\} avoiding the need to create
one manually via `LogPublishingOption#builder()`. When the \{@link Consumer\} completes, \{@link LogPublishingOption.Builder#build()\} is called immediately and its result is passed to \{@link #value(LogPublishingOption)\}.

\@param value a consumer that will call methods on \{@link LogPublishingOption.Builder\}
\@return Returns a reference to this object so that method calls can be chained together.
\@see #value(LogPublishingOption)"

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n\@param value The new value for the Value property for this object.\n\@return Returns a reference to this object so that method calls can be chained together."

,"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n\n\@return The value of the Value property for this object."

,"getterModel" : {
"returnType" : "LogPublishingOption",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",

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"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@\n\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>"}
containing options to publish a given type of Elasticsearch log.

```json
"simpleType": "Map<String,LogPublishingOption>",
"variableSetterType": "java.util.Map<String,LogPublishingOption>"
```

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()
```

When the `String.Builder#build()` is called immediately and its result is passed to `accessPolicies(String)`.

@see #accessPolicies(String)
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}. When the {@link Consumer} completes, { @link Open Source Used In Data Center Network Manager 11.5(1) 22043

Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>) }. @param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder } @return Returns a reference to this object so that method calls can be chained together. @see #advancedOptions(Map<String,String>)

"deprecated" : false,
"documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>"

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

@JsonIgnore
"getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

@JsonIgnore
"getterModel" : {
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultValue" : null,
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.\n
@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "key",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n
The new value for the Key property for this object.\n\n@see #key(String)",
  "getterDocumentation" : "Returns the value of the Key property for this object.\n\n@see #key(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "key",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "key",
   "uri" : false,
}
,"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\",
"setterMethodName" : "setKey",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "key",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "key",
   "variableType" : "String",
   "documentation" : ",",
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}.}
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}.

@param value a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #value(String)
",
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@return Returns a reference to this object so that method calls can be chained together.
",
"getterDocumentation" : "Returns the value of the Value property for this object.

The value of the Value property for this object.
",
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
@param value The new value for the Value property for this object."
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "java.util.Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
}
"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : null,
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,String>",
 "variableName" : "advancedOptions",
 "variableType" : "java.util.Map<String,String>",
 "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>",
 "simpleType" : "Map<String,String>",
 "variableSetterType" : "java.util.Map<String,String>",
 },
 "xmlNameSpaceUri" : null
},
"CognitoOptions" : {
 "beanStyleGetterMethodName" : "getCognitoOptions",
 "beanStyleSetterMethodName" : "setCognitoOptions",
 "c2jName" : "CognitoOptions",
 "c2jShape" : "CognitoOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. This is a convenience that creates an instance of the <code>{@link CognitoOptions.Builder}</code> avoiding the need to create one manually via <code>{@link CognitoOptions#builder()}</code>. When the <code>{@link Consumer}</code> completes, <code>{@link CognitoOptions.Builder#build()}</code> is called immediately and its result is passed to <code>{@link #cognitoOptions(CognitoOptions)}<code>.</p>
" @return Returns a reference to this object so that method calls can be chained together.<code>see #cognitoOptions(CognitoOptions)".
 "deprecated" : false,
 "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "cognitoOptions",
 "fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>";}
Amazon Cognito Authentication for Kibana<br/>

@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<br/>

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication.
For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<br/>

@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<br/>

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
}
"setterModel" : {
"variableDeclarationType" : "CognitoOptions",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptions",
"documentation" : null,
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "CognitoOptions",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptions",
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="/http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}. @param domainName a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)\n
"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. \n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)\n
"getterDocumentation" : "\n@return The name of the Elasticsearch domain that you are updating.\n@see #domainName(String)\n
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "\n<p>The name of the Elasticsearch domain that you are updating. </p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n\n\nsetterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "\n<p>The name of the Elasticsearch domain that you are updating. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
"EBSOptions": {
  "beanStyleGetterMethodName": "getEbsOptions",
  "beanStyleSetterMethodName": "setEbsOptions",
  "c2jName": "EBSOptions",
  "c2jShape": "EBSOptions",
  "defaultConsumerFluentSetterDocumentation": "<p>Specify the type and size of the EBS volume that you want to use. </p>
This is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via {@link EBSOptions#builder()}. When the {@link Consumer} completes, {@link EBSOptions.Builder#build()} is called immediately and its result is passed to {@link #ebsOptions(EBSOptions)}.<p>@param ebsOptions a consumer that will call methods on {@link EBSOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #ebsOptions(EBSOptions)",
  "deprecated": false,
  "documentation": "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "ebsOptions",
  "fluentSetterDocumentation": "<p>Specify the type and size of the EBS volume that you want to use.</p>
@param ebsOptions Specify the type and size of the EBS volume that you want to use.
@return Returns a reference to this object so that method calls can be chained together."",
  "fluentSetterMethodName": "ebsOptions",
  "getterDocumentation": "<p>Specify the type and size of the EBS volume that you want to use.
@return Specify the type and size of the EBS volume that you want to use.
@see #ebsOptions(EBSOptions)"
"getterModel": {
  "returnType": "EBSOptions",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "EBSOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "EBSOptions",
  "uri": false
"setterDocumentation": "Specify the type and size of the EBS volume that you want to use."
@param ebsOptions Specify the type and size of the EBS volume that you want to use.

setterMethodName": "setEbsOptions",
"setterModel": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "documentation": null,
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "documentation": "Specify the type and size of the EBS volume that you want to use."
},
"xmlNameSpaceUri": null
},
"ElasticsearchClusterConfig": {
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation": "The type and number of instances to instantiate for the domain cluster."

This is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder by avoiding the need to create one manually via ElasticsearchClusterConfig#builder().
When the @link ElasticsearchClusterConfig.Builder#build() method is called immediately and its result is passed to ElasticsearchClusterConfig a consumer that will call methods on ElasticsearchClusterConfig.Builder@return Returns a reference to this object so that method calls can be chained together.
@see ElasticsearchClusterConfig(ElasticsearchClusterConfig)",
  "deprecated": false,
  "documentation": "The type and number of instances to instantiate for the domain cluster."
}
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "\(<p>The type and number of instances to instantiate for the domain cluster.\n@\param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>\)",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "\(<p>The type and number of instances to instantiate for the domain cluster.\n@return The type and number of instances to instantiate for the domain cluster.\n</p>\)
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "\(<p>The type and number of instances to instantiate for the domain cluster.\n@\param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.\n</p>\)",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig"
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"LogPublishingOptions" : {
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption> .Builder } avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder() }. When the { @link Consumer } completes, { @link Map<String,LogPublishingOption> .Builder#build() } is called immediately and its result is passed to { @link LogPublishingOptionsAsStrings(Map<String,LogPublishingOption>) }.

@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"xmlNameSpaceUri" : null
},
"LogPublishingOptions" : {
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption> .Builder } avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder() }. When the { @link Consumer } completes, { @link Map<String,LogPublishingOption> .Builder#build() } is called immediately and its result is passed to { @link LogPublishingOptionsAsStrings(Map<String,LogPublishingOption>) }.

@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection
returned by this method will result in an UnsupportedOperationException.

@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@see #key(String)"
  ,
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@see LogType\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n\nIf the service returns an enum value that is not available in the current SDK version, \n@link #keyLogType#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from \n@link #keyAsStringLogType.\n\n@return The value of the Key property for this object.\n\n@see LogType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@see LogType\n\n@param key The new value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String"}
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\nThis is a convenience that creates an instance of the \n{@link LogPublishingOption.Builder} avoiding the need to create one manually via \n{@link LogPublishingOption#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to \n{@link \nLogPublishingOption.Builder}@n@return Returns a reference to this object so that method calls can be chained together.@n@see \nvalue(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n@param value a consumer that will call methods on \nLogPublishingOption.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see \nvalue(LogPublishingOption)",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object."
},
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>",
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>
@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : null,
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
 },
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
 "variableName" : "logPublishingOptions",
 "variableType" : "java.util.Map<String,LogPublishingOption>",
 "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
 "simpleType" : "Map<String,LogPublishingOption>",
 "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
 },
"xmlNameSpaceUri" : null
}

"SnapshotOptions" : {
 "beanStyleGetterMethodName" : "getSnapshotOptions",
 "beanStyleSetterMethodName" : "setSnapshotOptions",
 "c2jName" : "SnapshotOptions",
 "c2jShape" : "SnapshotOptions",
 "defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. <p>

This is a convenience that creates an instance of the  
[@link SnapshotOptions.Builder]  avoiding the need to create one manually via  
[@link SnapshotOptions#builder]).

When the  
[@link Consumer]  completes,  
[@link SnapshotOptions.Builder#build()]  is called immediately and its result is passed to  
[@link #snapshotOptions(SnapshotOptions)].

@para...  

@see #snapshotOptions(SnapshotOptions)",
 "deprecated" : false,
 "documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. <p>

@enumType" : null,
 "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 
@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 
@return Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.
",
"getterModel" : {
   "returnType" : "SnapshotOptions",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "SnapshotOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "SnapshotOptions",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 
@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.
",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
   "variableDeclarationType" : "SnapshotOptions",
   "variableName" : "snapshotOptions"}
"variableType": "SnapshotOptions",
"documentation": null,
"simpleType": "SnapshotOptions",
"variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "SnapshotOptions",
"variableName": "snapshotOptions",
"variableType": "SnapshotOptions",
"documentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is \texttt{0} hours. \", 
"simpleType": "SnapshotOptions",
"variableSetterType": "SnapshotOptions"
},
"xmlNameSpaceUri": null
},
"VPCOptions": {
"beanStyleGetterMethodName": "getVpcOptions",
"beanStyleSetterMethodName": "setVpcOptions",
"c2jName": "VPCOptions",
"c2jShape": "VPCOptions",
"defaultConsumerFluentSetterDocumentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see \url{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc} in \textit{VPC Endpoints for Amazon Elasticsearch Service Domains}.
This is a convenience that creates an instance of the \{\@link VPCOptions.Builder\} avoiding the need to create one manually via \{\@link VPCOptions.Builder#builder()\}. When the \{\@link Consumer\} completes, \{\@link VPCOptions.Builder#build()\} is called immediately and its result is passed to \{\@link #vpcOptions(VPCOptions)\}.
@param vpcOptions a consumer that will call methods on \{\@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\@see #vpcOptions(VPCOptions)",
"deprecated": false,
"documentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see \url{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc} in \textit{VPC Endpoints for Amazon Elasticsearch Service Domains}.
\", 
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "vpcOptions",
"fluentSetterDocumentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see \url{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc} in \textit{VPC Endpoints for Amazon Elasticsearch Service Domains}.
\"param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see \url{http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc} in \textit{VPC Endpoints for Amazon Elasticsearch Service Domains}.\"
"setterMethodName" : "setVpcOptions",
"setterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"getterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"getterModel" : {
"returnType" : "VPCOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"setterMethodName" : "setVpcOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-creating-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
    
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null

"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you are updating. "
}]

"description" : "The name of the Elasticsearch domain that you are updating. "

"documentation" : "This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.

@param domainName a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)"
"deprecated" : false,
"documentation" : "The name of the Elasticsearch domain that you are updating. 

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of the Elasticsearch domain that you are updating. 
"}

@see #domainName(String)"
"return Returns a reference to this object so that method calls can be chained together.

@param domainName The name of the Elasticsearch domain that you are updating.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you are updating. 
"
name of the Elasticsearch domain that you are updating."

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "&lt;p&gt;The name of the Elasticsearch domain that you are updating. &lt;/p&gt;&lt;p&gt;&lt;\n domainName The name of the Elasticsearch domain that you are updating.\n
"setterMethodName" : "setDomainName",

"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "&lt;p&gt;The name of the Elasticsearch domain that you are updating. &lt;/p&gt;",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The type and number of instances to instantiate for the domain cluster.&lt;/p&gt;&lt;n&gt;This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}.&lt;n&gt;When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}&lt;n&gt;@param ElasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder}&lt;n&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;n&gt;@see ElasticsearchClusterConfig(ElasticsearchClusterConfig)",
"deprecated" : false,
"documentation" : "&lt;p&gt;The type and number of instances to instantiate for the domain cluster.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "&lt;p&gt;The type and number of instances to instantiate for the domain cluster.&lt;/p&gt;&lt;n&gt;@param ElasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.&lt;n&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;n&gt;@see ElasticsearchClusterConfig(ElasticsearchClusterConfig)",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "&lt;p&gt;The type and number of instances to instantiate for the domain cluster.&lt;/p&gt;&lt;n&gt;@return The type and number of instances to instantiate for the domain cluster.",
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.
",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>
",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. This is a convenience that creates an instance of the @link EBSOptions.Builder avoiding the need to create one manually via @link EBSOptions#builder(). When the @link Consumer completes, @link EBSOptions.Builder#build() is called immediately and its result is passed to @link #ebsOptions(EBSOptions). A param ebsOptions a consumer that will call methods on @link EBSOptions.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"documentation" : "Specify the type and size of the EBS volume that you want to use. 

@param ebsOptions Specify the type and size of the EBS volume that you want to use.

@return Returns a reference to this object so that method calls can be chained together.

@<p>Specify the type and size of the EBS volume that you want to use.

\n@<p>Specify the type and size of the EBS volume that you want to use.

getterModel" : { 
"returnType" : "EBSOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "Specify the type and size of the EBS volume that you want to use.

@param ebsOptions Specify the type and size of the EBS volume that you want to use.

setterModel" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "ebsOptions"},
"variableType" : "EBSOptions",
"documentation" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "Specify the type and size of the EBS volume that you want to use.
  \</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "Specify the type and size of the EBS volume that you want to use.
  \</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null},

  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours. \</p>
This is a convenience that creates an instance of the \@link SnapshotOptions.Builder\) avoiding the need to create one manually via \@link SnapshotOptions#builder()\).\nWhen the \@link Consumer\) completes, \@link SnapshotOptions.Builder#build()\) is called immediately and its result is passed to \@link SnapshotOptions#snapshotOptions(SnapshotOptions)\]@\@param snapshotOptions a consumer that will call methods on \@link SnapshotOptions.Builder\)\]@\return Returns a reference to this object so that method calls can be chained together.\]@\@see #snapshotOptions(SnapshotOptions)",
  "deprecated" : false,
  "documentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours. \</p>

  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "snapshotOptions",
  "fluentSetterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours.\n@return Returns a reference to this object so that method calls can be chained together.",
  "getterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours.\n@return Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours.\n@return Option to set the time, in UTC format, for the daily automated snapshot. Default value is \</code>0</code> hours.",
  "getterModel" : {
    "returnType" : "SnapshotOptions",
  },
"documentation": null,
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "SnapshotOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "SnapshotOptions",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

@<p>\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.

setterMethodName": "setSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. "
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"variableSetterType" : "SnapshotOptions",
"xmlNameSpaceUri" : null,
{
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>
This is a convenience that creates an instance of the {@[link VPCOptions.Builder] avoiding the need to create one manually via {@[link VPCOptions#builder()]}.
When the {@[link Consumer]} completes, {@[link VPCOptions.Builder#build()]} is called immediately and its result is passed to {@[link #vpcOptions(VPCOptions)}.
A consumer that will call methods on {@[link VPCOptions.Builder]} returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

"getterModel" : {
"returnType" : "VPCOptions",
"documentation" : null
},

"returnType" : "VPCOptions",
"documentation" : null
}
"http": {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "VPCOptions",
  "setterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.<i parameter vpcOptions" Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
  "setterMethodName" : "setVpcOptions",
  "setterModel" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
  "setterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
"}
information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in &lt;i&gt;VPC Endpoints for Amazon Elasticsearch Service Domains&lt;/i&gt;&lt;/p&gt;,

"simpleType" : "VPCOptions",
"variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a&gt;.&lt;/p&gt;\nThis is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}.\nWhen the {@link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link CognitoOptions(CognitoOptions)}.\n\n@param cognitoOptions a consumer that will call methods on { @link CognitoOptions.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptions)",
"deprecated" : false,
"documentation" : "&lt;p&gt;Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a&gt;.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "&lt;p&gt;Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a&gt;.&lt;/p&gt;\n@returns Returns a reference to this object so that method calls can be chained together.",
"getterMethod" : "cognitoOptions",
"getterDocumentation" : "&lt;p&gt;Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a&gt;.&lt;/p&gt;\n@returns Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
}
Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

### setterDocumentation

Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

```java
public class CognitoOptions {
    
    /**
     * Options to specify the Cognito user and identity pools for Kibana authentication.
     * For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.
     *
     * @param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication.
     */
    
    private CognitoOptions cognitoOptions;
    
    public CognitoOptions setCognitoOptions(CognitoOptions cognitoOptions) {
        this.cognitoOptions = cognitoOptions;
        return this;
    }
    
    // Other methods...
}
```
more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the {[@link Map<String,String>:Builder] avoiding the need to create one manually via {[@link Map<String,String>#builder()]. When the [@link Map<String,String>:Builder#build()] is called immediately and its result is passed to [@link #advancedOptions(Map<String,String>)]<param advancedOptions a consumer that will call methods on [@link Map<String,String>:Builder] and return Returns a reference to this object so that method calls can be chained together.<
@see #advancedOptions(Map<String,String>)}",
"deprecated" : false,
"documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.<
@return Returns a reference to this object so that method calls can be chained together.
";
"getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Modifies the advanced option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See Configuration Advanced Options for more information.

"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via
String.builder().When the Consumer completes, String.Builder#build() is called immediately and its result is passed to
String.Builder#build().
@param key a Consumer that will call methods on String.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)"
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "key",
"fluentSetterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "key",
"getterDocumentation": "Returns the value of the Key property for this object.

@return The value of the Key property for this object.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "key",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "key",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableType": null
}
"variableName": "key",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
],
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": "",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"valueLocationName": "value",
"valueModel": {
"beanStyleGetterMethodName": "getValue",
"beanStyleSetterMethodName": "setValue",
"c2jName": "value",
"c2jShape": "String",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via
{link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #value(String)}.@param value a consumer that will call methods on
{link String.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #value(String)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "value",
"fluentSetterDocumentation": "Sets the value of the Value property for this object.

The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName": "value",
"getterDocumentation": "Returns the value of the Value property for this object.
@return The value of the Value property for this object.",
"getterModel": {
"returnType": "String",
"documentation": null
}"}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "value",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "value",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String,String>
",
"marshallingType": "MAP",
"name": "AdvancedOptions",
"setterDocumentation": 
"<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",

"setterMethodName": "setAdvancedOptions",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": null,
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>",
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.Map<String,String>",
  "variableName": "advancedOptions",
  "variableType": "java.util.Map<String,String>",
  "documentation": "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
",
  "simpleType": "Map<String,String>",
  "variableSetterType": "java.util.Map<String,String>",
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getAccessPolicies",
"beanStyleSetterMethodName": "setAccessPolicies",
"c2jName": "AccessPolicies",
"c2jShape": "PolicyDocument",
"defaultConsumerFluentSetterDocumentation": 
"<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}. @param accessPolicies a consumer that
will call methods on {@link String.Builder}
@returns Returns a reference to this object so that method calls can be chained together.
@see #accessPolicies(String)

"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return IAM access policy as a JSON-formatted string.

"setterMethodName" : "setAccessPolicies"
containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.

@see #key(String)
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object. The new value for the Key property for this object. @param key The new value for the Key property for this object. @return Returns a reference to this object so that method calls can be chained together. @see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object. If the service returns an enum value that is not available in the current SDK version, [@link LogType#UNKNOWN_TO_SDK_VERSION] will return @link LogType#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from @link LogType#keyAsString]. @return The value of the Key property for this object. @see LogType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object. @param key The new value for the Key property for this object. @see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
}
,"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create one manually via {@link LogPublishingOption#builder()}.\n\nWhen the {@link Consumer} completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link #value(LogPublishingOption)}.\n\n@param value a consumer that will call methods on {@link LogPublishingOption.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n", 
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n\n@returns The value of the Value property for this object.\n", 
"getterModel" : {
"returnType" : "LogPublishingOption",
"documentation" : null
}],
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "value",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "value",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName": "setValue",
"setterModel": {
"variableDeclarationType": "LogPublishingOption",
"variableName": "value",
"variableType": "LogPublishingOption",
"documentation": null,
"simpleType": "LogPublishingOption",
"variableSetterType": "LogPublishingOption"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "LogPublishingOption",
"variableName": "value",
"variableType": "LogPublishingOption",
"documentation": "",
"simpleType": "LogPublishingOption",
"variableSetterType": "LogPublishingOption"
},
"xmlnsSpaceUri": null
}
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
</p>
@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
"
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
</p>
" simple" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : [ "DomainName" ],
"shapeName" : "UpdateElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
  "variableName" : "updateElasticsearchDomainConfigRequest",
  "variableType" : "UpdateElasticsearchDomainConfigRequest",
  "documentation" : null,
  "simpleType" : "UpdateElasticsearchDomainConfigRequest",
  "variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
},
"wrapper" : false
},
"UpdateElasticsearchDomainConfigResponse" : {

"c2jName" : "UpdateElasticsearchDomainConfigResponse",
"customization" : { 
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated.",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
  { 
    "beanStyleGetterMethodName" : "getDomainConfig",
    "beanStyleSetterMethodName" : "setDomainConfig",
    "c2jName" : "DomainConfig",
    "c2jShape" : "ElasticsearchDomainConfig",
    "defaultConsumerFluentSetterDocumentation" : "The status of the updated Elasticsearch domain. This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainConfig.Builder()}.

When the {@link Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchDomainConfig(ElasticsearchDomainConfig)}.

@return Returns a reference to this object so that method calls can be chained together.

@example domainConfig(ElasticsearchDomainConfig)",
    "deprecated" : false,
    "documentation" : "The status of the updated Elasticsearch domain."
],
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "The status of the updated Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

@example domainConfig The status of the updated Elasticsearch domain.

@return The status of the updated Elasticsearch domain.

@example The status of the updated Elasticsearch domain.

"getterDocumentation" : "The status of the updated Elasticsearch domain."}
"getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "DomainConfig",

"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>\n\n@param domainConfig The status of the updated Elasticsearch domain."

,"setterMethodName" : "setDomainConfig",

"setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainConfig",
    "complexType" : "ElasticsearchDomainConfig"
}
"variableSetterType" : "ElasticsearchDomainConfig",
},
"xmlNameSpaceUri" : null
}

"membersAsMap" : {
"DomainConfig" : {
"beanStyleGetterMethodName" : "getDomainConfig",
"beanStyleSetterMethodName" : "setDomainConfig",
"c2jName" : "DomainConfig",
"c2jShape" : "ElasticsearchDomainConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain.

This is a convenience that creates an instance of the \{@link ElasticsearchDomainConfig.Builder\} avoiding
the need to create one manually via \{@link ElasticsearchDomainConfig.Builder#builder()\}.\n
When the \{@link Consumer\} completes, \{@link ElasticsearchDomainConfig.Builder#build()\} is called immediately and its result is
passed to \{@link ElasticsearchDomainConfig#domainConfig(ElasticsearchDomainConfig)\}.

@see #domainConfig(ElasticsearchDomainConfig)"

"deprecated" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return Returns a reference to this object so that method
calls can be chained together.

@deprecated"
,"getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return The status of the updated Elasticsearch domain.

"getterModel" : {
"returnType" : "ElasticsearchDomainConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainConfig",
"queryString" : false,
"statusCode" : false,
The status of the updated Elasticsearch domain.

```
@namespace org.elasticsearch.config
@defaultConsumerFluentSetterDocumentation

This is a convenience that creates an instance of the
`ElasticsearchDomainConfig.Builder` avoiding
the need to create one manually via
`ElasticsearchDomainConfig.Builder#build()`. When the
`Consumer` completes, `ElasticsearchDomainConfig.Builder#build()` is called immediately and its result is
passed to `@domainConfig(ElasticsearchDomainConfig)`. A reference to this object so that method calls can be chained together.
```
"deprecated" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@return The status of the updated Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchDomainConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return The status of the updated Elasticsearch domain.",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
}
"variableName": "domainConfig",
"variableType": "ElasticsearchDomainConfig",
"documentation": null,
"simpleType": "ElasticsearchDomainConfig",
"variableSetterType": "ElasticsearchDomainConfig"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "ElasticsearchDomainConfig",
"variableName": "domainConfig",
"variableType": "ElasticsearchDomainConfig",
"documentation": "<p>The status of the updated Elasticsearch domain. </p>",
"simpleType": "ElasticsearchDomainConfig",
"variableSetterType": "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri": null
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": [ "DomainConfig" ],
"shapeName": "UpdateElasticsearchDomainConfigResponse",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "UpdateElasticsearchDomainConfigResponse",
"variableName": "updateElasticsearchDomainConfigResponse",
"variableType": "UpdateElasticsearchDomainConfigResponse",
"documentation": null,
"simpleType": "UpdateElasticsearchDomainConfigResponse",
"variableSetterType": "UpdateElasticsearchDomainConfigResponse"
},
"wrapper": false
},
"UpgradeElasticsearchDomainRequest": {
"c2jName": "UpgradeElasticsearchDomainRequest",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a> </code> </p>"


</code> operation. </p>

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "UpgradeElasticsearchDomain",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/upgradeDomain",
  "target" : null,
  "verb" : "POST",
  "xmlNameSpaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this
object.\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create
one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link
String.Builder#build()] is called immediately and its result is passed to [@link
#domainName(String)].\n\n@param domainName a consumer that will call methods on [@link String.Builder]\n@returns Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.\n\n@returns Returns a reference to this
object so that method calls can be chained together.\n\n@see #domainName(String)",
  "getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@returns The value of
the DomainName property for this object.\n\ngetterModel" : {
  "returnType" : "String",
  "documentation" : null
},
}
"http": {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@\n"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getTargetVersion",
"beanStyleSetterMethodName" : "setTargetVersion",
"c2jName" : "TargetVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via `{@link String.Builder()}`. When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #targetVersion(String)}`.

When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #targetVersion(String)}`.

@see #targetVersion(String)",
"deprecated" : false,
"documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.
@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to."
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.
\n\n@see \#performCheckOnly(Boolean)",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.  
\n\nThis is a convenience that creates an instance of the \[@link Boolean.Builder\] avoiding the need to create one manually via \[@link Boolean.Builder#builder()\] .
\nWhen the \[@link Consumer\] completes, \[@link Boolean.Builder#build()\] is called immediately and its result is passed to \[@link \#performCheckOnly(Boolean)\].
\n@deprecated\n\n@see \#performCheckOnly(Boolean)"
, "deprecated" : false,
"documentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.  
\n\n@see \#performCheckOnly(Boolean)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",}
"fluentSetterDocumentation": "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName": "performCheckOnly",
"getterDocumentation": "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
"getterModel": {
 "returnType": "Boolean",
 "documentation": null
 },
"http": {
 "additionalMarshallingPath": null,
 "additionalUnmarshallingPath": null,
 "flattened": false,
 "greedy": false,
 "header": false,
 "isPayload": false,
 "isStreaming": false,
 "location": null,
 "marshallLocation": "PAYLOAD",
 "marshallLocationName": "PerformCheckOnly",
 "queryString": false,
 "statusCode": false,
 "unmarshallLocationName": "PerformCheckOnly",
 "uri": false
 },
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "PerformCheckOnly",
"setterDocumentation": "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName": "setPerformCheckOnly",
"setterModel": {
 "variableDeclarationType": "Boolean",
 "variableName": "performCheckOnly",
 "variableType": "Boolean",
 "documentation": null,
 "simpleType": "Boolean"}
"variableSetterType" : "Boolean",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}\.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.\n\n@param domainName a consumer that will call methods on {@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n\n@param domainName The new value for the DomainName property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n",  
    "getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@return The value of the DomainName property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"PerformCheckOnly" : {
    "beanStyleGetterMethodName" : "getPerformCheckOnly",
    "beanStyleSetterMethodName" : "setPerformCheckOnly",
"c2jName" : "PerformCheckOnly",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #performCheckOnly(Boolean)}. Returns a reference to this object so that method calls can be chained together.

@see #performCheckOnly(Boolean)",
"deprecated" : false,
"documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
@see #performCheckOnly
"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
", 
"getterModel" : {
 "returnType" : "Boolean",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "PerformCheckOnly",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "PerformCheckOnly",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. 

```
@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
```

```

```
The version of Elasticsearch that you intend to upgrade the domain to.

```java
@Param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.
```

Returns a reference to this object so that method calls can be chained together.

```java
@getTargetVersion The version of Elasticsearch that you intend to upgrade the domain to.
```

```java
@getTargetVersion
```

```java
@setTargetVersion
```

```java
@setTargetVersion
```
"variable SetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType" : "String",
  "variable SetterType" : "String"
},
"xml NameSpace Uri" : null
},

"nonStreamingMembers" : [ {
  "bean Style GetterMethodName" : "getDomainName",
  "bean Style SetterMethodName" : "setDomainName",
  "c2j Name" : "DomainName",
  "c2j Shape" : "DomainName",
  "default Consumer Fluent Setter Documentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. 
@throws IllegalArgumentException if the provided value is not valid.
@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnum GetterMethodName" : null,
  "fluentEnum SetterMethodName" : null,
  "fluent GetterMethodName" : "domainName",
  "fluent Setter Documentation" : "Sets the value of the DomainName property for this object. The new value for the DomainName property for this object so that method calls can be chained together.
@link #domainName(String)",
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additional MarshallingPath" : null,
  "additional UnmarshallingPath" : null,
  "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName

The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getTargetVersion",
"beanStyleSetterMethodName" : "setTargetVersion",
"c2jName" : "TargetVersion",
"c2jShape" : "ElasticsearchVersionString"}
"defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder().` When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `targetVersion(String).`

@see targetVersion(String)"

"deprecated" : false,
"documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.

@return Returns a reference to this object so that method calls can be chained together.

@see targetVersion(String)"

"fluentGetterMethodName" : "targetVersion",
"getterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@return The version of Elasticsearch that you intend to upgrade the domain to.

@see targetVersion(String)"

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@<param targetVersion The version of Elasticsearch that you intend to upgrade the domain to."
"setterMethodName" : "setTargetVersion",
"setterModel" : {
 "variableDeclarati onType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarati onType" : "String",
 "variableName" : "targetVersion",
 "variableType" : "String",
 "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "xmlNameSpaceUri" : null
},
 { "beanStyleGetterMethodName" : "getPerformCheckOnly",
 "beanStyleSetterMethodName" : "setPerformCheckOnly",
 "c2jName" : "PerformCheckOnly",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
@This is a convenience method that creates an instance of the [link Boolean.Builder] avoiding the need to create one manually via [link Boolean.Builder#builder()].
@When the [link Consumer] completes, [link Boolean.Builder#build()] is called immediately and its result is passed to [link #performCheckOnly(Boolean)].
@param performCheckOnly a consumer that will call methods on [link Boolean.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #performCheckOnly(Boolean)",
 "deprecated" : false,
 "documentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>" ,
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentMethodName" : "performCheckOnly",
 "fluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
@return Returns a reference to this object so that method calls can be chained together.". 
"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <\p>\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
 },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PerformCheckOnly",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PerformCheckOnly",
  "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <\p>\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
 },
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "performCheckOnly",
    "variableType" : "Boolean",
    "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"xmlnsNameSpaceUri" : null
] ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName", "TargetVersion" ],
"shapeName" : "UpgradeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : false,
"variable" : {
    "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
    "variableName" : "upgradeElasticsearchDomainRequest",
    "variableType" : "UpgradeElasticsearchDomainRequest",
    "documentation" : null,
    "simpleType" : "UpgradeElasticsearchDomainRequest",
    "variableSetterType" : "UpgradeElasticsearchDomainRequest"
},
"wrapper" : false
],
"UpgradeElasticsearchDomainResponse" : {
    "c2jName" : "UpgradeElasticsearchDomainResponse",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p> Container for response returned by <code><a>UpgradeElasticsearchDomain</a> operation. </p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the [{@link String.Builder}] avoiding the need to create one manually via [{@link String.Builder}]. When the [{@link Consumer}] completes, [{@link String.Builder#build}] is called immediately and its result is passed to [{@link #domainName(String)}]. @param domainName a consumer that will call methods on [{@link String.Builder}] @return Returns a reference to this object so that method calls can be chained together. See #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object. @param domainName The new value for the DomainName property for this object. @return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
The new value for the DomainName property for this object.

```
@domainName

@param domainName
```

```
"variable" : {  
"variableDeclarationType" : "String",  
"variableName" : "domainName",  
"variableType" : "String",  
"documentation" : null,  
"simpleType" : "String",  
"variableSetterType" : "String"
}
```

```
"xmlNameSpaceUri" : null
```

```
"defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. Returns a reference to this object so that method calls can be chained together. see #targetVersion(String)",
```

```
"deprecated" : false,
"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>".
```

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
```
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.
\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.
\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.
\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.
\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
}
"beanStyleGetterMethodName" : "getPerformCheckOnly",
"beanStyleSetterMethodName" : "setPerformCheckOnly",
"c2jName" : "PerformCheckOnly",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p><p>This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean#builder()].

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link performCheckOnly(Boolean)].</p>

@returns A reference to this object so that method calls can be chained together.
@see #performCheckOnly(Boolean)",
"deprecated" : false,
"documentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>

@returns A reference to this object so that method calls can be chained together.
@see #performCheckOnly()
",
"getterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>"

@returns This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

```java
@Param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
```

```java

```
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #domainName(String)].

@param domainName a consumer that will call methods on [link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@n@n@n@param domainName The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"PerformCheckOnly" : {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\nThis is a convenience that creates an instance of the [Boolean.Builder] avoiding the need to create one manually via [Boolean#builder()].\n\nWhen the [Consumer] completes, [Boolean.Builder#build()] is called immediately and its result is passed to [performCheckOnly(Boolean)].\n\n@param performCheckOnly a consumer that will call methods on [Boolean.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #performCheckOnly(Boolean)"
};
"deprecated" : false,
"documentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\n@\nparam performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n\n@\nreturn Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\n@\nreturn This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
,"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PerformCheckOnly",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PerformCheckOnly",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\n@\nparam performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
,"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "performCheckOnly",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"TargetVersion" : {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder\}. When the \{@link Consumer\} completes, \{@link String.Builder\} is called immediately and its result is passed to \{@link #targetVersion(String)\}.\n@param targetVersion a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",
  "fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@para targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)",
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
The version of Elasticsearch that you intend to upgrade the domain to.

**param** targetVersion The version of Elasticsearch that you intend to upgrade the domain to.

**setterMethodName** : "setTargetVersion",

**setterModel** : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

**simple** : true,

**timestampFormat** : null,

**variable** : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

    **setterMethodName** : "setDomainName",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "domainName",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "complexType" : "DomainName",
    "variableDeclarationType" : "DomainName",
    "variableName" : "domainName",
    "variableType" : "DomainName",
    "documentation" : null,
    "simpleType" : "DomainName",
    "variableSetterType" : "DomainName"
},

**nonStreamingMembers** : [
    "beanStyleMethodName" : "setDomainName",
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "complexType" : "DomainName",
    "variableDeclarationType" : "DomainName",
    "variableName" : "domainName",
    "variableType" : "DomainName",
    "documentation" : null,
    "simpleType" : "DomainName",
    "variableSetterType" : "DomainName"
]
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.\n\n@param domainName a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #domainName(String)\}.\n@param domainName The new value for the DomainName property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n@return The value of the DomainName property for this object.\n",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "Sets the value of the DomainName property for this object. The new value for the DomainName property for this object."

"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,

"beanStyleGetterMethodName": "getTargetVersion",
"beanStyleSetterMethodName": "setTargetVersion",
"c2jName": "TargetVersion",
"c2jShape": "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p><p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. Returns a reference to this object so that method calls can be chained together.</p>

@see #targetVersion(String)"

"deprecated": false,
"documentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "targetVersion",
"fluentSetterDocumentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>

@see #targetVersion(String)"

@see #targetVersion(String)"
"fluentSetterMethodName": "setTargetVersion",
"getterDocumentation": "The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "TargetVersion",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "TargetVersion",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "TargetVersion",
"setterDocumentation": "The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName": "setTargetVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion"}
"variableType" : "String",
"documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.\n",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{  
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n
This is a convenience that creates an instance of the [ @link Boolean.Builder] avoiding the need to create one manually via [ @link Boolean.Builder#builder()].\n
When the [ @link Consumer] completes, [ @link Boolean.Builder#build()] is called immediately and its result is passed to [ @link #performCheckOnly(Boolean)].\n
@param performCheckOnly a consumer that will call methods on [ @link Boolean.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)"
,  
  "deprecated" : false,
  "documentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n
When the [ @link Consumer] completes, [ @link Boolean.Builder#build()] is called immediately and its result is passed to [ @link #performCheckOnly(Boolean)].\n
@param performCheckOnly\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)"
,  
  "getterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n
When the [ @link Consumer] completes, [ @link Boolean.Builder#build()] is called immediately and its result is passed to [ @link #performCheckOnly(Boolean)].\n
@param performCheckOnly\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)"
,  
  "getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. 

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeElasticsearchDomainResponse",
  "variableName" : "upgradeElasticsearchDomainResponse",
  "variableType" : "UpgradeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "UpgradeElasticsearchDomainResponse",
  "variableSetterType" : "UpgradeElasticsearchDomainResponse"
},
"wrapper" : false
},
"UpgradeHistory" : {
  "c2jName" : "UpgradeHistory",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>History of the last 10 Upgrades and Upgrade Eligibility Checks.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getUpgradeName",
    "beanStyleSetterMethodName" : "setUpgradeName",
    "c2jName" : "UpgradeName",
    "c2jShape" : "UpgradeName",
    "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>
    <p>This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via
    [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link upgradeName(String)].
    @param upgradeName a consumer that will call methods on [@link String.Builder];
    @return Returns a reference to this object so that method calls can be chained together.
    @see #upgradeName(String)",
    "deprecated" : false,
    "documentation" : "<p>A string that describes the update briefly</p>";
  }];
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "upgradeName",
"fluentSetterDocumentation": "A string that describes the update briefly\n@returns {String} A string that describes the update briefly
\n@returns Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName": "upgradeName",
"getterDocumentation": "A string that describes the update briefly
\n@returns Returns a reference to this object so that method calls can be
chained together.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "UpgradeName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "UpgradeName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeName",
"setterDocumentation": "A string that describes the update briefly
\n@returns Returns a reference to this object so that method calls can be
chained together.",
"setterMethodName": "setUpgradeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String"}
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "A string that describes the update briefly",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStartTimestamp",
"beanStyleSetterMethodName" : "setStartTimestamp",
"c2jName" : "StartTimestamp",
"c2jShape" : "StartTimestamp",
"defaultConsumerFluentSetterDocumentation" : "UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format. This is a convenience that creates an instance of the Instant.Builder

When the Consumer completes, Instant.Builder.build() is called immediately and its result is passed
to #startTimestamp(Instant).

@see #startTimestamp(Instant)",
"deprecated" : false,
"documentation" : "UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "StartTimestamp",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "StartTimestamp",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INSTANT",
"name": "StartTimestamp",
"setterDocumentation": "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>
@param startTimestamp UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.",
"setterMethodName": "setStartTimestamp",
"setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "startTimestamp",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "startTimestamp",
  "variableType": "java.time.Instant",
  "documentation": "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>",
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"xmlnsSpaceUri" : null
],
 "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
 "beanStyleSetterMethodName" : "setUpgradeStatus",
 "c2jName" : "UpgradeStatus",
 "c2jShape" : "UpgradeStatus",
 "defaultValueConsumerFluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"/p> "name" is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link String#builder(String)}. In param upgradeStatus a consumer that will call methods on {@link String.Builder} \n
@return Returns a reference to this object so that method calls can be chained together. \n
@see UpgradeStatus(String)",
 "deprecated" : false,
 "documentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"/p>
"enumType" : "UpgradeStatus",
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : "upgradeStatus",
 "fluentEnumSetterMethodName" : "upgradeStatus",
 "fluentGetterMethodName" : "upgradeStatusAsString",
 "fluentSetterMethodName" : "upgradeStatus",
 "fluentSetterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"/p>
@see UpgradeStatus\n
@return Returns a reference to this object so that method calls can be chained together. \n
@see UpgradeStatus",
 "getterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"/p>
If the service returns an enum value that is not available in the current SDK version, {@link #upgradeStatus} will return {@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link UpgradeStatusAsString}. \n
@see UpgradeStatus\n
@return The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"/p> \n
@see UpgradeStatus",
 "getterModel" : { 'returnType' : "String",
 "documentation" : null
 },
 "http" : { "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
The overall status of the update. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus
"defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

This is a convenience that creates an instance of the { @link List<UpgradeStepItem> Builder } avoiding the need to create one manually via { @link List<UpgradeStepItem>#builder() }. When the { @link Consumer } completes, { @link List<UpgradeStepItem>.Builder#build() } is called immediately and its result is passed to { @link #stepsList(List<UpgradeStepItem>) }. @param stepsList a consumer that will call methods on { @link List<UpgradeStepItem>.Builder } @return Returns a reference to this object so that method calls can be chained together. @see #stepsList(List<UpgradeStepItem>)",

deprecated" : false,

documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "stepsList",

"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. @return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "stepsList",

"getterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. @return A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check."

"getterModel" : {

"returnType" : "java.util.List<UpgradeStepItem>",

"documentation" : null
},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "StepsList",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "StepsList",

"uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "UpgradeStepItem",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [[UpgradeStepItem.Builder](https://docs.aws.amazon.com/AWSJavaSDK/latestSDK/java-util/UpgradeStepItem.Builder.html)] avoiding the need to create one manually via [[UpgradeStepItem.Builder#builder()](https://docs.aws.amazon.com/AWSJavaSDK/latestSDK/upgrade-step-item/UpgradeStepItem.Builder.html#builder())]. When the [[Consumer](https://docs.aws.amazon.com/AWS SDK for Java/latest/awssdk.reference/developer/api/com/amazonaws/services/networkmanagement/UpgradeStepItem/Consumer.html)] completes, [[UpgradeStepItem.Builder#build()](https://docs.aws.amazon.com/AWS SDK for Java/latest/awssdk.reference/developer/api/com/amazonaws/services/networkmanagement/UpgradeStepItem.Builder.html#build())] is called immediately and its result is passed to [[UpgradeStepItem.Builder#member(UpgradeStepItem)](https://docs.aws.amazon.com/AWS SDK for Java/latest/awssdk/reference/developer/api/com/amazonaws/services/networkmanagement/UpgradeStepItem.Builder.html#member(UpgradeStepItem)).
@returns Returns a reference to this object so that method calls can be chained together.
@see #member(UpgradeStepItem)
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.
@returns Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@returns The value of the Member property for this object.
"getterModel" : {
"returnType" : "UpgradeStepItem",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member"},
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "UpgradeStepItem",
"variableName" : "member",
"variableType" : "UpgradeStepItem",
"documentation" : null,
"simpleType" : "UpgradeStepItem",
"variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "UpgradeStepItem",
"variableName" : "member",
"variableType" : "UpgradeStepItem",
"documentation" : "",
"simpleType" : "UpgradeStepItem",
"variableSetterType" : "UpgradeStepItem"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>
@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null,
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "StartTimestamp" : {
    "beanStyleGetterMethodName" : "getStartTimestamp",
    "beanStyleSetterMethodName" : "setStartTimestamp",
    "c2jName" : "StartTimestamp",
    "c2jShape" : "StartTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p> UTC Timestamp at which the Upgrade API call was made in \"yyy-MM-dd\THH:mm:ssZ\" format. </p>
This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}.\n\nWhen the {@link Consumer} completes, {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #startTimestamp(Instant)}\n\n@see #startTimestamp(Instant)",
    "deprecated" : false,
    "documentation" : "<p> UTC Timestamp at which the Upgrade API call was made in \"yyy-MM-ddTHH:mm:ssZ\" format. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-dd\THH:mm:ssZ\" format.</p>
\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-dd\THH:mm:ssZ\" format.
\n@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-dd\THH:mm:ssZ\" format.</p>
\n@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-dd\THH:mm:ssZ\" format.",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTimestamp",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTimestamp",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-dd\THH:mm:ssZ\" format.</p>
\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made
in \"yyyy-MM-dd\THH:mm:ssZ\" format.
\n@return Returns a reference to this object so that method calls can be
chained together.",
"setterMethodName" : "setStartTimestamp",
"setterModel" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "startTimestamp",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.time.Instant",
 "variableName" : "startTimestamp",
 "variableType" : "java.time.Instant",
 "documentation" : "UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format."",
 "simpleType" : "Instant",
 "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
"StepsList" : {
 "beanStyleGetterMethodName" : "getStepsList",
 "beanStyleSetterMethodName" : "setStepsList",
 "c2jName" : "StepsList",
 "c2jShape" : "UpgradeStepsList",
 "defaultConsumerFluentSetterDocumentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

This is a convenience that creates an instance of the rotateSharedCopy(List<UpgradeStepItem>)._Builder) avoiding the need to create one manually via rotateSharedCopy(List<UpgradeStepItem>)._builder()).

When the rotateSharedCopy(List<UpgradeStepItem>)._call methods on rotateSharedCopy(List<UpgradeStepItem>)._Builder#build()) is called immediately and its result is passed to rotateSharedCopy(List<UpgradeStepItem>)._Builder#build()]

@return Returns a reference to this object so that method calls can be chained together.
@see #stepsList(List<UpgradeStepItem>)"
,  
  "deprecated" : false,
  "documentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "stepsList",
  "fluentSetterDocumentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.
@return Returns a reference to this object so that method calls can be chained together.
,  
  "fluentSetterMethodName" : "stepsList",
  "getterDocumentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.
,  
  \n\n@return A
list of `<code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

"getterModel" : {
    "returnType" : "java.util.List<UpgradeStepItem>",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StepsList",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StepsList",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "UpgradeStepItem",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link UpgradeStepItem.Builder] avoiding the need to create one manually via [@link UpgradeStepItem.Builder#builder()]. When the [@link Consumer] completes, [@link UpgradeStepItem.Builder#build()] is called immediately and its result is passed to [@link #member(UpgradeStepItem)]. @param member a consumer that will call methods on [@link UpgradeStepItem.Builder] @return Returns a reference to this object so that method calls can be chained together. @see #member(UpgradeStepItem)",
        "deprecated" : false,
        "documentation" : "",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",
            "c2jName" : "member",
            "c2jShape" : "UpgradeStepItem",
            "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link UpgradeStepItem.Builder] avoiding the need to create one manually via [@link UpgradeStepItem.Builder#builder()]. When the [@link Consumer] completes, [@link UpgradeStepItem.Builder#build()] is called immediately and its result is passed to [@link #member(UpgradeStepItem)]. @param member a consumer that will call methods on [@link UpgradeStepItem.Builder] @return Returns a reference to this object so that method calls can be chained together. @see #member(UpgradeStepItem)",
            "deprecated" : false,
            "documentation" : "",
            "enumType" : null,
            "eventHeader" : false,
            "eventPayload" : false,
            "fluentEnumGetterMethodName" : null,
            "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n
@param member
The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n
@return The value of the Member property for this object."

getterModel" : { 
"returnType" : "UpgradeStepItem",
"documentation" : null
},
"http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n
@param member
The new value for the Member property for this object."

setterModel" : { 
"variableDeclarationType" : "UpgradeStepItem",
"variableName" : "member",
"variableType" : "UpgradeStepItem",
"documentation" : null,
"simpleType" : "UpgradeStepItem",
"variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "UpgradeStepItem",
  "variableName": "member",
  "variableType": "UpgradeStepItem",
  "documentation": "",
  "simpleType": "UpgradeStepItem",
  "variableSetterType": "UpgradeStepItem"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "UpgradeStepItem",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "UpgradeStepItem",
"templateImplType": "java.util.ArrayList<UpgradeStepItem>",
"templateType": "java.util.List<UpgradeStepItem>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "StepsList",
"setterDocumentation": "<p> A list of <code><a>UpgradeStepItem</a></code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>
@param stepsList A list of <code><a>UpgradeStepItem</a></code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName": "setStepsList",
"setterModel": {
  "variableDeclarationType": "java.util.List<UpgradeStepItem>",
  "variableName": "stepsList",
  "variableType": "java.util.List<UpgradeStepItem>",
  "documentation": null,
  "simpleType": "List<UpgradeStepItem>",
  "variableSetterType": "java.util.Collection<UpgradeStepItem>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<UpgradeStepItem>",
  "variableName": "stepsList",
  "variableType": "java.util.List<UpgradeStepItem>",
  "documentation": "",
  "simpleType": "List<UpgradeStepItem>",
  "variableSetterType": "java.util.Collection<UpgradeStepItem>"
}
"xmlNameSpaceUri" : null
}

"UpgradeName" : {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>

This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via
[link String.Builder#builder()].

When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to
[link #upgradeName(String)].

@see #upgradeName(String)
  
  @param upgradeName a consumer that will call methods on [link String.Builder].
  @return Returns a reference to this object so that method calls can be chained together.

  "deprecated" : false,
  "documentation" : "A string that describes the update briefly",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeName",
  "fluentSetterDocumentation" : "A string that describes the update briefly",
  "getterDocumentation" : "A string that describes the update briefly",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeName",
    "uri" : false
  }
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "<p>A string that describes the update briefly</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpgradeStatus" : {
  "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStatus",
  "c2jName" : "UpgradeStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, it is called immediately and its result is passed to {@link #upgradeStatusAsString(String)}.

When the consumer completes, @see #upgradeStatus(String)",
  "deprecated" : false,
  "documentation" : "<p>The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
"}
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStatus",
"fluentEnumSetterMethodName" : "upgradeStatus",
"fluentGetterMethodName" : "upgradeStatusAsString",
"fluentSetterDocumentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> \n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus",
"fluentSetterMethodName" : "upgradeStatus",
"getterDocumentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> If the service returns an enum value that is not available in the current SDK version, \n@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION\nThe raw value returned by the service is available from \n@link #upgradeStatusAsString\n\n@see UpgradeStatus",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING"
"name" : "UpgradeStatus",
"setterDocumentation" : "<p> The overall status of the update. The status can take one of the following values: 
<ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
\n@param upgradeStatus The overall status of the update. The status can take one of the following values: 
<ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
\n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : "<p> The overall status of the update. The status can take one of the following values: 
<ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
\n"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
  "c2jName" : "UpgradeName",
  "c2jShape" : "UpgradeName",
  "defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly\n\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeName(String)].\n\n@param upgradeName a consumer that will call methods on [@link String.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #upgradeName(String)"
},
"deprecated" : false,
"documentation" : "A string that describes the update briefly",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "A string that describes the update briefly\n\n@see UpgradeName A
string that describes the update briefly
@returns A reference to this object so that method calls can be chained together.

"fluentSetterMethodName": "upgradeName",
"getterDocumentation": "<p>A string that describes the update briefly</p>@returns A string that describes the update briefly",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "UpgradeName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "UpgradeName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeName",
"setterDocumentation": "<p>A string that describes the update briefly</p>@param upgradeName A string that describes the update briefly",
"setterMethodName": "setUpgradeName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "upgradeName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {

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"variableDeclarationType" : "String",
"variableName" : "upgradeName",
"variableType" : "String",
"documentation" : "<p>A string that describes the update briefly</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],

"beanStyleGetterMethodName" : "getStartTimestamp",
"beanStyleSetterMethodName" : "setStartTimestamp",
"c2jName" : "StartTimestamp",
"c2jShape" : "StartTimestamp",
"defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>

This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}. When the {@link Instant.Builder} completes, the builder of the caller is called immediately and its result is passed to the consumer of the caller. In other words, the builder creates an instance of the given class.

When the consumer completes, the builder's method is called immediately and its result is passed to the method of the caller. The caller can see the result by using the builder's method.

"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>

This is a convenience that creates an instance of the given class avoiding the need to create one manually via the builder. When the builder completes, the builder of the caller is called immediately and its result is passed to the method of the caller. In other words, the builder creates an instance of the given class.

When the consumer completes, the builder's method is called immediately and its result is passed to the method of the caller. The caller can see the result by using the builder's method.

"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>

This is a convenience that creates an instance of the given class avoiding the need to create one manually via the builder. When the builder completes, the builder of the caller is called immediately and its result is passed to the method of the caller. In other words, the builder creates an instance of the given class.

When the consumer completes, the builder's method is called immediately and its result is passed to the method of the caller. The caller can see the result by using the builder's method.

"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTimestamp",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTimestamp",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonpValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"setterMethodName" : "setStartTimestamp",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
"beanStyleSetterMethodName" : "setUpgradeStatus",
"c2jName" : "UpgradeStatus",
"c2jShape" : "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The overall status of the update. The status can take one
of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder().build()`. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String.Builder#build()`. Returns a reference to this object so that method calls can be chained together.

```java
@link String#builder()

When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String.Builder#build()`. Returns a reference to this object so that method calls can be chained together.

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@link String#build()

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When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String.Builder#build()`. Returns a reference to this object so that method calls can be chained together.

```java
@link String#build()

When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `String.Builder#build()`. Returns a reference to this object so that method calls can be chained together.

```java
@link String#build()
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"setterDocumentation" : "The overall status of the update. The status can take one of the following values:
<ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStatus",
  "variableType" : "String",
  "documentation" : "The overall status of the update. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStepsList",
"beanStyleSetterMethodName" : "setStepsList",
"c2jName" : "StepsList",
"c2jShape" : "UpgradeStepsList",
"defaultConsumerFluentSetterDocumentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

This is a convenience that creates an instance of the { @link List<UpgradeStepItem> }.Builder) avoiding the need to create one manually via { @link List<UpgradeStepItem>#builder() }. When the { @link Consumer } completes, { @link List<UpgradeStepItem>.Builder#build() } is called immediately and its result is passed to { @link #stepsList(List<UpgradeStepItem>) }. @param stepsList a consumer that will call methods on { @link List<UpgradeStepItem>.Builder } @return Returns a reference to this object so that method calls can be chained"
A list of UpgradeStepItem representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

A list of UpgradeStepItem representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "UpgradeStepItem",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the [{@link UpgradeStepItem.Builder}]
avoiding the need to create one manually via [{@link UpgradeStepItem.Builder#builder()}].\nWhen the [{@link Consumer}] completes, [{@link UpgradeStepItem.Builder#build()}] is called immediately and
its result is passed to [{@link #member(UpgradeStepItem)}].\n\n@param member a consumer that will call methods on [{@link UpgradeStepItem.Builder}]\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #member(UpgradeStepItem)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(UpgradeStepItem)",
  "getterModel" : {
    "returnType" : "UpgradeStepItem",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "UpgradeStepItem",
    "variableName" : "member",
    "variableType" : "UpgradeStepItem",
    "documentation" : null,
    "simpleType" : "UpgradeStepItem",
    "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "UpgradeStepItem",
    "variableName" : "member",
    "variableType" : "UpgradeStepItem",
    "documentation" : null,
    "simpleType" : "UpgradeStepItem",
    "variableSetterType" : "UpgradeStepItem"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>\n\n@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check."
"setterMethodName" : "setStepsList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null,
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>",
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simpleMethod" : false,
"wrapper" : false
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeHistory",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "upgradeHistory",
  "variableType" : "UpgradeHistory",
  "documentation" : null,
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"wrapper" : false
},
"UpgradeStatus" : {
  "c2jName" : "UpgradeStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0,
"deprecated" : false,
"documentation" : "",
"enums" : [ { 
  "name" : "IN_PROGRESS",
  "value" : "IN_PROGRESS"
}, { 
  "name" : "SUCCEEDED",
  "value" : "SUCCEEDED"
}, { 
  "name" : "SUCCEEDED_WITH_ISSUES",
  "value" : "SUCCEEDED_WITH_ISSUES"
}, { 
  "name" : "FAILED",
  "value" : "FAILED"
} ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStatus",
"simpleMethod" : false,
"unmarshaller" : { 
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : { 
  "variableDeclarationType" : "UpgradeStatus",
  "variableName" : "upgradeStatus",
  "variableType" : "UpgradeStatus",
  "documentation" : null,
  "simpleType" : "UpgradeStatus",
  "variableSetterType" : "UpgradeStatus"
},
"wrapper" : false
"UpgradeStep" : {
  "c2jName" : "UpgradeStep",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "enums" : [ {
    "name" : "PRE_UPGRADE_CHECK",
    "value" : "PRE_UPGRADE_CHECK"
  }, {
    "name" : "SNAPSHOT",
    "value" : "SNAPSHOT"
  }, {
    "name" : "UPGRADE",
    "value" : "UPGRADE"
  } ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "UpgradeStep",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "UpgradeStep",
    "variableName" : "upgradeStep",
    "variableType" : "UpgradeStep"}
Represents a single step of the Upgrade or Upgrade Eligibility Check workflow.

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String#builder()`. When the `@link Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `#upgradeStepAsString(String)`. @param upgradeStep a consumer that will call methods on `String.Builder`.

@see #upgradeStep(String)

Represented one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String#builder()`. When the `@link Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `#upgradeStepAsString(String)`. @param upgradeStep a consumer that will call methods on `String.Builder`.

@see #upgradeStep(String)
\"fluentGetterMethodName\" : \"upgradeStepAsString\",
\"fluentSetterDocumentation\" : \"<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>Snapshot</li><li>Upgrade</li></ul>\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStep\",
\"fluentSetterMethodName\" : \"upgradeStep\",
\"getterDocumentation\" : \"<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>Snapshot</li><li>Upgrade</li></ul>\nIf the service returns an enum value that is not available in the current SDK version, \{@link UpgradeStep\#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link #upgradeStepAsString\}. \n\n@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>Snapshot</li><li>Upgrade</li></ul>\n\n\"getterModel\" : {
  \"returnType\" : \"String\",
  \"documentation\" : null
},
\"http\" : {
  \"additionalMarshallingPath\" : null,
  \"additionalUnmarshallingPath\" : null,
  \"flattened\" : false,
  \"greedy\" : false,
  \"header\" : false,
  \"isPayload\" : false,
  \"isStreaming\" : false,
  \"location\" : null,
  \"marshallLocation\" : \"PAYLOAD\",
  \"marshallLocationName\" : \"UpgradeStep\",
  \"queryString\" : false,
  \"statusCode\" : false,
  \"unmarshallLocationName\" : \"UpgradeStep\",
  \"uri\" : false
},
\"idempotencyToken\" : false,
\"isBinary\" : false,
\"jsonValue\" : false,
\"list\" : false,
\"listModel\" : null,
\"map\" : false,
\"mapModel\" : null,
\"marshallingType\" : \"STRING\",
\"name\" : \"UpgradeStep\",
\"setterDocumentation\" : \"<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>Snapshot</li><li>Upgrade</li></ul>\n\n\"setterMethodName\" : \"setUpgradeStep\",
\"setterModel\" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getUpgradeStepStatusAsString",
"beanStyleSetterMethodName" : "setUpgradeStepStatus",
"c2jName" : "UpgradeStepStatus",
"c2jShape" : "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation" : "\p> The status of a particular step during an upgrade. The status can take one of the following values: \ul\li> In Progress\li> Succeeded\li> Succeeded with Issues\li> Failed\p>
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #upgradeStepStatusAsString(String)\}.\n@param upgradeStepStatus a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see \#upgradeStepStatusAsString(String)"
,
"deprecated" : false,
"documentation" : "\p> The status of a particular step during an upgrade. The status can take one of the following values: \ul\li> In Progress\li> Succeeded\li> Succeeded with Issues\li> Failed\p>
\n\ul\li> In Progress\li> Succeeded\li> Succeeded with Issues\li> Failed\p>
tparam upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: \ul\li> In Progress\li> Succeeded\li> Succeeded with Issues\li> Failed\p>
@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n@see UpgradeStatus"
"getterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\nIf the service returns an enum value that is not available in the current SDK version, {@link UpgradeStepStatus#UNKNOWN_TO_SDK_VERSION} will return. The raw value returned by the service is available from {@link #upgradeStepStatusAsString}.\n@return The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStatus",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStepStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeStepStatus",
  "uri" : false
},

"setterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n@see UpgradeStepStatus",

"setterMethodName" : "setUpgradeStepStatus",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStepStatus",
  "variableType" : "String",
  "documentation" : null,
The status of a particular step during an upgrade. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>

A list of strings containing detailed information about the errors encountered in a particular step.

This is a convenience that creates an instance of the List<String>.Builder object avoiding the need to create one manually via List<String>#builder().

When the List<String> completes, List<String>.Builder#build() is called immediately and its result is passed to List<String>.Builder#return Returns a reference to this object so that method calls can be chained together.

A list of strings containing detailed information about the errors encountered in a particular step.

Attempts to modify the collection returned by this method will result in an UnsupportedOperation exception.

A list of strings containing detailed information about the errors encountered in a particular step.
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [member(String)]
@ see [member(String)].
",  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "getMember",
  "fluentEnumSetterMethodName" : "setMember",
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.
@ see [member(String)]."
  "fluentSetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.
@ see [member(String)]."
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.\n",
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String"}
"documentation": "", "simpleType": "String", "variableSetterType": "String"
}, "xmlNameSpaceUri": null }, "memberLocationName": null, "memberType": "String", "map": false, "memberAdditionalMarshallingPath": null, "memberAdditionalUnmarshallingPath": null, "simple": true, "simpleType": "String", "templateImplType": "java.util.ArrayList<String>", "templateType": "java.util.List<String>"
}, "map": false, "mapModel": null, "marshallingType": "LIST", "name": "Issues", "setterDocumentation": "A list of strings containing detailed information about the errors encountered in a particular step.
"param issues A list of strings containing detailed information about the errors encountered in a particular step.", "setterMethodName": "setIssues", "setterModel": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "simple": false, "timestampFormat": null, "variable": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "xmlNameSpaceUri": null }, { "beanStyleGetterMethodName": "getProgressPercent", "beanStyleSetterMethodName": "setProgressPercent", "c2jName": "ProgressPercent","documentation": "", "simpleType": "String", "variableSetterType": "String"
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}, "map": false, "mapModel": null, "marshallingType": "LIST", "name": "Issues", "setterDocumentation": "A list of strings containing detailed information about the errors encountered in a particular step.
"param issues A list of strings containing detailed information about the errors encountered in a particular step.", "setterMethodName": "setIssues", "setterModel": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "simple": false, "timestampFormat": null, "variable": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "xmlNameSpaceUri": null }
, { "beanStyleGetterMethodName": "getProgressPercent", "beanStyleSetterMethodName": "setProgressPercent", "c2jName": "ProgressPercent","documentation": "", "simpleType": "String", "variableSetterType": "String"
}, "xmlNameSpaceUri": null }, "memberLocationName": null, "memberType": "String", "map": false, "memberAdditionalMarshallingPath": null, "memberAdditionalUnmarshallingPath": null, "simple": true, "simpleType": "String", "templateImplType": "java.util.ArrayList<String>", "templateType": "java.util.List<String>"
}, "map": false, "mapModel": null, "marshallingType": "LIST", "name": "Issues", "setterDocumentation": "A list of strings containing detailed information about the errors encountered in a particular step.
"param issues A list of strings containing detailed information about the errors encountered in a particular step.", "setterMethodName": "setIssues", "setterModel": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "simple": false, "timestampFormat": null, "variable": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "xmlNameSpaceUri": null }
, { "beanStyleGetterMethodName": "getProgressPercent", "beanStyleSetterMethodName": "setProgressPercent", "c2jName": "ProgressPercent","documentation": "", "simpleType": "String", "variableSetterType": "String"
}, "xmlNameSpaceUri": null }, "memberLocationName": null, "memberType": "String", "map": false, "memberAdditionalMarshallingPath": null, "memberAdditionalUnmarshallingPath": null, "simple": true, "simpleType": "String", "templateImplType": "java.util.ArrayList<String>", "templateType": "java.util.List<String>"
}, "map": false, "mapModel": null, "marshallingType": "LIST", "name": "Issues", "setterDocumentation": "A list of strings containing detailed information about the errors encountered in a particular step.
"param issues A list of strings containing detailed information about the errors encountered in a particular step.", "setterMethodName": "setIssues", "setterModel": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "simple": false, "timestampFormat": null, "variable": { "variableDeclarationType": "java.util.List<String>", "variableName": "issues", "variableType": "java.util.List<String>", "documentation": null, "simple": true, "variableSetterType": "java.util.Collection<String>" }, "xmlNameSpaceUri": null }
, { "beanStyleGetterMethodName": "getProgressPercent", "beanStyleSetterMethodName": "setProgressPercent", "c2jName": "ProgressPercent","documentation": "", "simpleType": "String", "variableSetterType": "String"
}, "xmlNameSpaceUri": null }, "memberLocationName": null, "memberType": "String", "map": false, "memberAdditionalMarshallingPath": null, "memberAdditionalUnmarshallingPath": null, "simple": true, "simpleType": "String", "templateImplType": "java.util.ArrayList<String>", "templateType": "java.util.List<String>"}
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "\pThe Floating point value representing progress percentage of a particular step.\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}.\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #progressPercent(Double)}.\n@param progressPercent a consumer that will call methods on { @link Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #progressPercent(Double)",
"deprecated" : false,
"documentation" : "\pThe Floating point value representing progress percentage of a particular step.\",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "progressPercent",
"fluentSetterDocumentation" : "\pThe Floating point value representing progress percentage of a particular step.\n\@param progressPercent The Floating point value representing progress percentage of a particular step.\n\@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "progressPercent",
"getterDocumentation" : "\pThe Floating point value representing progress percentage of a particular step.\n\@return The Floating point value representing progress percentage of a particular step.\n",
"getterModel" : {
    "returnType" : "Double",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ProgressPercent",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ProgressPercent",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "Issues" : {
    "beanStyleGetterMethodName" : "getIssues",
    "beanStyleSetterMethodName" : "setIssues",
    "c2jName" : "Issues",
    "c2jShape" : "Issues",
    "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>
This is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}.

When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #issues(List<String>)}. When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #issues(List<String>)}. 

@see #issues(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "issues",
    "fluentSetterMethodName" : "issues",
    "issues" : {
      "c2jName" : "Issues",
      "c2jShape" : "Issues",
      "defaultConsumerFluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>"
    }
  }
}
"fluentSetterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.

@param issues A list of strings containing detailed information about the errors encountered in a particular step.

@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "issues",

"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A list of strings containing detailed information about the errors encountered in a particular step."

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].

When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

@param member a consumer that will call methods on [link String.Builder]

@return Returns a reference to this object so that method calls can be chained together.

@see #member(String)"

", "deprecated" : false,
"documentation" : ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
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 "variableName": "member",
 "variableType": "String",
 "documentation": "",
 "simpleType": "String",
 "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "Issues",
"setterDocumentation": "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in a particular step.",
"setterMethodName": "setIssues",
"setterModel": {
 "variableDeclarationType": "java.util.List<String>",
 "variableName": "issues",
 "variableType": "java.util.List<String>",
 "documentation": null,
 "simpleType": "List<String>",
 "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
 "variableDeclarationType": "java.util.List<String>",
 "variableName": "issues",
 "variableType": "java.util.List<String>",
 "documentation": null,
 "simpleType": "String",
 "variableSetterType": "String"
"variableType" : "java.util.List<String>",
"documentation" : "<p>A list of strings containing detailed information about the errors encountered in a
particular step.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"ProgressPercent" : {
"beanStyleGetterMethodName" : "getProgressPercent",
"beanStyleSetterMethodName" : "setProgressPercent",
"c2jName" : "ProgressPercent",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress
percentage of a particular step.</p>
This is a convenience that creates an instance of the {@link Double.Builder}
avoiding the need to create one manually via {@link Double.Builder}. When the {@link Consumer}
completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link
#progressPercent(Double)} a consumer that will call methods on {@link
Double.Builder}@return Returns a reference to this object so that method calls can be chained together.@see
#progressPercent(Double)",
"deprecated" : false,
"documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "progressPercent",
"fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "progressPercent",
"getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>@return The Floating point value representing progress percentage of a particular
step.
@see
#progressPercent
getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD"}
"marshallLocationName" : "ProgressPercent",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ProgressPercent",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step."
,"setterMethodName" : "setProgressPercent",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
"UpgradeStep" : {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
When the consumer completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #upgradeStepAsString(String)}.\n</p>\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the consumer completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #upgradeStepAsString(String)}.\n\n@note The &lt;param upgradeStep a
consumer that will call methods on {@link String.Builder}|n@return Returns a reference to this object so that method calls can be chained together.|n@see #upgradeStep(String).

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>SnapShot</li><li>Upgrade</li></ul> </p>.
"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>SnapShot</li><li>Upgrade</li></ul> </p>
@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.|n@see UpgradeStep",
"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>SnapShot</li><li>Upgrade</li></ul> </p>
<p>If the service returns an enum value that is not available in the current SDK version, {@link #upgradeStep} will return {@link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #upgradeStepAsString}.
</p>
@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>SnapShot</li><li>Upgrade</li></ul> |
@see UpgradeStep",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "UpgradeStep",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "UpgradeStep",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeStep",
"setterDocumentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
@param upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"setterMethodName": "setUpgradeStep",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"UpgradeStepStatus": {
  "beanStyleGetterMethodName": "getUpgradeStepStatusAsString",
  "beanStyleSetterMethodName": "setUpgradeStepStatus",
  "c2jName": "UpgradeStepStatus",
  "c2jShape": "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeStepStatusAsString(String)]. In @param upgradeStepStatus a consumer that will call methods on [@link String.Builder] returns a reference to this object so that method calls can be chained together.
@see #upgradeStepStatus(String)",
  "deprecated": false,
  "documentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "enumType": "UpgradeStatus",
The status of a particular step during an upgrade. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. The status is returned as a string.

Example:
```
In Progress
```

See UpgradeStatus for more information.
The status of a particular step during an upgrade. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

@see UpgradeStatus
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStep",
"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
<p>If the service returns an enum value that is not available in the current SDK version, [<link #upgradeStep>UNKNOWN_TO_SDK_VERSION</link>] will return [<link #upgradeStepAsString>UNKNOWN_TO_SDK_VERSION</link>]. The raw value returned by the service is available from [<link #upgradeStepAsString>upgradeStepAsString</link>].</p>
@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStep",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStep",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStep",
"setterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"setterMethodName" : "setUpgradeStep"
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"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul>
  <li>PreUpgradeCheck</li>
  <li>Snapshot</li>
  <li>Upgrade</li>
</ul>
</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}, {
  "beanStyleGetterMethodName": "getUpgradeStepStatusAsString",
  "beanStyleSetterMethodName": "setUpgradeStepStatus",
  "c2jName": "UpgradeStepStatus",
  "c2jShape": "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link UpgradeStepStatusAsString(String)}.

@returns a reference to this object so that method calls can be chained together.

@deprecated
"documented": false,
"documentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>"
"enumType": "UpgradeStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "upgradeStepStatus",
"fluentEnumSetterMethodName": "upgradeStepStatus",
"fluentGetterMethodName": "upgradeStepStatusAsString",
"fluentSetterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>@returns a reference to this object so that method calls can be chained together.
"deprécié": false,
"documentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>"
The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> If the service returns an enum value that is not available in the current SDK version, [{@link #upgradeStepStatus} will return [{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}]. The raw value returned by the service is available from [{@link #upgradeStepStatusAsString}].

```
@see UpgradeStatus

```

"getterMethodName": "upgradeStepStatus",
"getterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> If the service returns an enum value that is not available in the current SDK version, [{@link #upgradeStepStatus} will return [{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}]. The raw value returned by the service is available from [{@link #upgradeStepStatusAsString}].

```
@see UpgradeStatus

```

"setterMethodName": "setUpgradeStepStatus",
"setterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> If the service returns an enum value that is not available in the current SDK version, [{@link #upgradeStepStatus} will return [{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION}]. The raw value returned by the service is available from [{@link #upgradeStepStatusAsString}].

```
@see UpgradeStatus

```


The status of a particular step during an upgrade. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed.

A list of strings containing detailed information about the errors encountered in a particular step.

When the Consumer completes, the List of errors is passed to the Issues object.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

A list of strings containing detailed information about the errors encountered in a particular step.
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Issues",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Issues",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "Issue",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the \n{[@link String.Builder]} avoiding the need to create \none manually via \n{[@link String.Builder#build()]}\n\nWhen the \n{[@link Consumer]} completes, \n{[@link String.Builder#build()]} is called immediately and its result is passed to \n{[@link #member(String)]}.\n\n@param member a consumer that will call methods on \n{[@link String.Builder]}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)\n",  
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member\n\nThe new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."}.
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
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"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member"}
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
],
"xmlNameSpaceUri" : null
],
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
],
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>
@param issues A list of strings containing detailed information about the errors encountered in a particular step.$",
"setterMethodName" : "setIssues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getProgressPercent",
"beanStyleSetterMethodName" : "setProgressPercent"
"c2jName" : "ProgressPercent",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step. This is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. When the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #progressPercent(Double)}. @param progressPercent a consumer that will call methods on { @link Double.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #progressPercent(Double),
  "deprecated" : false,
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "progressPercent",
  "fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
  "getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ProgressPercent",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ProgressPercent",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular
step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
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"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
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"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeStepItem",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "upgradeStepItem",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"wrapper" : false
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"VPCDerivedInfo" : {
  "c2jName" : "VPCDerivedInfo",
  "marshallingType" : "OBJECT",
  "name" : "VPCDerivedInfo",
  "setterDocumentation" : "<p>The VPC derived information.</p>
 процедурой более значительной.",
  "setterMethodName" : "setVPCDerivedInfo",
  "setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "VPCDerivedInfo",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  }
},
"wrapper" : false
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"VPCDerivedInfo" : {
  "c2jName" : "VPCDerivedInfo",
  "marshallingType" : "OBJECT",
  "name" : "VPCDerivedInfo",
  "setterDocumentation" : "<p>The VPC derived information.</p>
 процедуры более значительной.",
  "setterMethodName" : "setVPCDerivedInfo",
  "setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "VPCDerivedInfo",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
  }
},
"wrapper" : false
}
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
  {
    "beanStyleGetterMethodName" : "getVpcId",
    "beanStyleSetterMethodName" : "setVpcId",
    "c2jName" : "VPCId",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>\nThis is a convenience that creates an instance of the { @link
String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#vpcId(String)}.\n\n@see #vpcId(String)"
  },
  {
    "fluentGetterMethodName" : "vpcId",
    "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>\n\n@see #vpcId(String)"
  },
  {
    "fluentSetterMethodName" : "vpcId",
    "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created
with VPCOptions.</p>\n\n@see #vpcId(String)"
},
  {
    "deprecated" : false,
    "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>"
  }"
with VPCOptions.<p>@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.".
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VPCId",
"setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setVpcId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId"
"variableType" : "String",
"documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
This is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}.{@param subnetIds a consumer that will call methods on { @link List<String>.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@in<p>@param subnetIds Specifies the subnets for VPC endpoint.</@in<p>@return Returns a reference to this object so that method calls can be chained together."
,"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",}
"marshallLocationName": "SubnetIds",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "SubnetIds",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [\@link String.Builder] avoiding the need to create
one manually via [\@link String#builder()].\nWhen the [\@link Consumer] completes, [\@link String.Builder#build()] is called immediately and its result
is passed to [\@link #member(String)].\n\n@see #member(String)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.
The new value for the Member property for this object.\n\n@see #member(String)",
"fluentSetterMethodName": "member",
"getDocumentation": "Returns the value of the Member property for this object.\n\n\n@see #member(String)",
"getterModel": {
  "returnType": "String",
  "documentation": null
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"http": {
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  "flattened": false,
  "greedy": false,
  "header": false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
}
,
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>@param subnetIds Specifies the subnets for VPC endpoint."
,"setterMethodName" : "setSubnetIds",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
}
,
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint."
,"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
}
,"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getAvailabilityZones",
"beanStyleSetterMethodName" : "setAvailabilityZones",
"c2jName" : "AvailabilityZones",
"c2jShape" : "StringList",
"defaultValueConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>@This is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()).
When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}.@param availabilityZones a consumer that will call methods on { @link List<String>.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #availabilityZones(List<String>)",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions."
getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
}
"http" : {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
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"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
idempotencyToken" : false,
isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [\@link String.Builder] avoiding the need to create one manually via [\@link String.Builder()].\n\nWhen the [\@link Consumer] completes, [\@link String.Builder#build()] is called immediately and its result is passed to [\@link #member(String)].\n\n\n@"}
member a consumer that will call methods on `@link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)\n``

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n\n@param member The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n\n@return The value of the Member property for this object."

"getterModel" : {

"returnType" : "String",
"documentation" : null
},
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n\n@param member The new value for the Member property for this object."

"setterMethodName" : "setMember"
"setterModel": {
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  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
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  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
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"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
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"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "AvailabilityZones",
"setterDocumentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n",
"setterMethodName": "setAvailabilityZones",
"setterModel": {
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  "variableName": "availabilityZones",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "availabilityZones",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\nThis is a convenience that creates an instance of the \{@link List<String>.Builder\} avoiding the need to create one manually via \{@link List<String>#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link List<String>.Builder#build()\} is called immediately and its result is passed to \{@link #securityGroupIds(List<String>)\}.\n\n@param securityGroupIds a consumer that will call methods on \{@link List<String>.Builder\}.\n\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return Specifies the security groups for VPC endpoint.",
"getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
},
"http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
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  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #member(String) \}.\n\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.\n\n@see #member(String)",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(String)",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
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      "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>",
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "SecurityGroupIds",
"setterDocumentation": "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint.",
"setterMethodName": "setSecurityGroupIds",
"setterModel": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simpleType": "List<String>",
"variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType": "List<String>",
"variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
"AvailabilityZones": {
"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions. </p>
\nThis is a convenience that creates an instance of the { @link List<String>#Builder} avoiding the need to create one manually via { @link
List<String>#builder}. When the { @link Consumer} completes, { @link List<String>#Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}. \n@param availabilityZones a consumer that will call methods on { @link List<String>#Builder}. \n@return Returns a reference to this object so that method calls can be chained together. \n@see #availabilityZones(List<String>)",
"deprecated": false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null 
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member"}
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].

The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)]

@returns Returns a reference to this object so that method calls can be chained together.

@see #member(String)",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.

getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@par...m member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
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"timestampFormat" : null,
"variable" : {
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  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
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"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions."/p>

@par...m availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "availabilityZones",
"variableType" : "java.util.List<String>",
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
},
"xmlNameSpaceUri" : null
},
"SecurityGroupIds" : {
"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\nThis is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}.\n\nWhen the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #securityGroupIds(List<String>)}.\n\n@param securityGroupIds a consumer that will call methods on {@link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : [
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}\n\n@deprecated false,
"documentation" : "",
"enumType" : null,
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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@deprecated false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@deprecated false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@deprecated false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPay...
"returnType" : "String",
"documentation" : null
},
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
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"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
,  
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
Specifies the security groups for VPC endpoint.

```
@param securityGroupIds
```

```java
public void setSecurityGroupIds(java.util.List<String> securityGroupIds)
```

### Setter Documentation

<p>Specifies the security groups for VPC endpoint.</p>

```java
public void setSubnetIds(java.util.List<String> subnetIds)
```

### Setter Documentation

<p>Specifies the subnets for VPC endpoint.</p>

This is a convenience that creates an instance of the ```List<String>.Builder``` avoiding the need to create one manually via ```List<String>#builder()```. When the ```List<String>``` completes, ```

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List<String>.Builder#build()} is called immediately and its result is passed to { @link
subnetIds(List<String>) @}\n@returns a reference to this object so that method calls can be chained
together.\n@see subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds a consumer that will call methods on { @link
\n@returns Returns a reference to this object so that method calls can be
chained together.\n@see subnetIds(List<String>)",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds
Attempts to modify the
collection returned by this method will result in an UnsupportedOperationException.\n@returns Specifies the
subnets for VPC endpoint.
",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "getterDocumentation" : <p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n    @returns Specifies the subnets for VPC endpoint.
    
    "getterModel" : {
      "returnType" : "java.util.List<String>",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "SubnetIds",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "SubnetIds",
      "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
      "implType" : "java.util.ArrayList",
      "interfaceType" : "java.util.List",
      "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
      }
    }
  }
}
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

@see #member(String)

@returns Returns a reference to this object so that method calls can be chained together.

@deprecated : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n
@returns Returns a reference to this object so that method calls can be chained together."

@fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n
@returns The value of the Member property for this object."

@getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.";
"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "variableSetterType" : "java.util.List<String>"
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
],
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
],
"VPCId" : {
"beanStyleGetterMethodName" : "getVpcId",
"beanStyleSetterMethodName" : "setVpcId",
"c2jName" : "VPCId",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link String.Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #vpcId(String)}.

When the {@link String.Builder#build()} is called immediately and its result is passed to {@link #vpcId(String)}.

@skill vpcId a consumer that will call methods on {@link String.Builder}.
@returns Returns a reference to this object so that method calls can be chained together.
@see #vpcId(String)",
"deprecated" : false,
"documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcId",
"fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@skill vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@returns Returns a reference to this object so that method calls can be chained together.
", "fluentSetterMethodName" : "vpcId",
"getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@returns The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
", "getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCId",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCId",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "VPCId",
"setterDocumentation": "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName": "setVpcId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "vpcId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "vpcId",
  "variableType": "String",
  "documentation": "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
}
"xmlns:NameSpaceUri" : null
},
"nonStreamingMembers" : [
  "beanStyleGetterMethodName" : "getVpcId",
  "beanStyleSetterMethodName" : "setVpcId",
  "c2jName" : "VPCId",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n</p><p>This is a convenience that creates an instance of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}.\nWhen the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #vpcId(String)\}.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>
  "deprecated" : false,
  "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcId",
  "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\</p><p>@return Returns a reference to this object so that method calls can be chained together.\</p>",
  "fluentSetterMethodName" : "vpcId",
  "getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\</p><p>@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\</p>",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "VPCId",
    "queryString" : false,
    "statusCode" : false,
"unmarshallLocationName" : "VPCId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VPCId",
"setterDocumentation" : "&lt;p&gt;The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;&lt;p&gt;&lt;@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;",
"setterMethodName" : "setVpcId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : "&lt;p&gt;The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Specifies the subnets for VPC endpoint.&lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the {@link List&lt;String&gt;}.Builder avoiding the need to create one manually via {@link List&lt;String&gt;#builder()}.\nWhen the {@link Consumer} completes, {@link List&lt;String&gt;#builder()} is called immediately and its result is passed to {@link \\n#subnetIds(List&lt;String&gt;)}.\n@see #subnetIds(List&lt;String&gt;)",
"@return Returns a reference to this object so that method calls can be chained together."}
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetMethod" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@returns Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@param subnetIds Specifies the subnets for VPC endpoint.
@return Specifies the subnets for VPC endpoint.

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "subnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "subnetIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String#builder()`. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `#member(String)`.

The new value for the `Member` property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(String)
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>

@param subnetIds Specifies the subnets for VPC endpoint.";

"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"}
}
"simple": false,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "java.util.List<String>",
    "variableName": "subnetIds",
    "variableType": "java.util.List<String>",
    "documentation": "<p>Specifies the subnets for VPC endpoint.</p>",
    "simpleType": "List<String>",
    "variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null,
}
"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

This is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}.

When the {@link #availabilityZones(List<String>)} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #availabilityZones(List<String>)}

@return Returns a reference to this object so that method calls can be chained together.

@see #availabilityZones(List<String>)",
"deprecated": false,
"documentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "availabilityZones",
"fluentEnumSetterMethodName": "availabilityZones",
"fluentGetterMethodName": "availabilityZones",
"fluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

@see #availabilityZones(List<String>)",
"getterDocumentation": "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

@see #availabilityZones(List<String>)",
"getterModel": {
    "returnType": "java.util.List<String>",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create
one manually via {@link String.Builder}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #member(String)}.
\n\n@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
\n\n@see #member(String)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.
\n@return The value of
\nthe Member property for this object."
    "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}


"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

@<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

setterMethod" : "setAvailabilityZones",
"setterMethodModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlns" : null
},
"c2jName" : "SecurityGroupId",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "Specifies the security groups for VPC endpoint."


This is a convenience that creates an instance of the [List<String>.Builder] avoiding the need to create one manually via [List<String>#builder()]. When the {@link Consumer} completes, [List<String>.Builder#build()] is called immediately and its result is passed to the
#securityGroupIds(List<String>)\n@\param securityGroupIds a consumer that will call methods on { @link List<String>}\n.Builder\n@\return Returns a reference to this object so that method calls can be chained together.\n@see #securityGroupIds(List<String>)",
    "deprecated" : false,
    "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>".,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "securityGroupIds",
    "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n@\param securityGroupIds Specifies the security groups for VPC endpoint.\n@\return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "securityGroupIds",
    "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n< Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@\return Specifies the security groups for VPC endpoint.".,
    "getterModel" : {
        "returnType" : "java.util.List<String>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "SecurityGroupIds",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "SecurityGroupIds",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
            "beanStyleGetterMethodName" : "getMember",
            "beanStyleSetterMethodName" : "setMember",
        }
    }
}
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}. 
@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object. \n\n@param member The new value for the Member property for this object."

"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "SecurityGroupIds",
"setterDocumentation": "<p>Specifies the security groups for VPC endpoint.</p>\n\n@param securityGroupIds Specifies the security groups for VPC endpoint.",
"setterMethodName": "setSecurityGroupIds",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "securityGroupIds",
  "variableType": "java.util.List<String>",
  "documentation": null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",

"simple" : false,
"timestampFormat" : null,

"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},

"xmlNameSpaceUri" : null

"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "VPCDerivedInfo",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},

"variable" : {
"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "vpcDerivedInfo",
"variableType" : "VPCDerivedInfo",
"documentation" : null,
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},

"wrapper" : false

"VPCDerivedInfoStatus" : {
"c2jName" : "VPCDerivedInfoStatus",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Status of the VPC options for the specified Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  { 
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "VPCDerivedInfo",
    "defaultConsumerFluentSetterDocumentation" : "\<p\> Specifies the VPC options for the specified Elasticsearch domain.\</p\>\nThis is a convenience that creates an instance of the \{ @link VPCDerivedInfo.Builder \} avoiding the need to create one manually via \{ @link VPCDerivedInfo#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link VPCDerivedInfo.Builder#build() \} is called immediately and its result is passed to \{ @link #options(VPCDerivedInfo) \}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #options(VPCDerivedInfo)",
    "deprecated" : false,
    "documentation" : "\<p\> Specifies the VPC options for the specified Elasticsearch domain.\</p\>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "\<p\> Specifies the VPC options for the specified Elasticsearch domain.\</p\>\n@param options Specifies the VPC options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(VPCDerivedInfo)",
    "getterDocumentation" : "\<p\> Specifies the VPC options for the specified Elasticsearch domain.\</p\>\n@return Specifies the VPC options for the specified Elasticsearch domain.\n",
    "getterModel" : { 
      "returnType" : "VPCDerivedInfo",
      "documentation" : null
    },
    "http" : { 
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
    }
  }
]
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>
@param options Specifies the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {\@link OptionStatus.Builder} avoiding the need to create one manually via {\@link OptionStatus#builder()}.\n\nWhen the {\@link Consumer} completes, {\@link OptionStatus.Builder#build()} is called immediately and its result is passed to {\@link #status(OptionStatus)}.
\n@param status a consumer that will call methods on {\@link OptionStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained
Specifies the status of the VPC options for the specified Elasticsearch domain. `<p>`

```
@see #status(OptionStatus)
```

"deprecated" : false,
"documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>

```
@see #status(OptionStatus)
```

"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>

```
@see #status(OptionStatus)
```

"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link VPCDerivedInfo.Builder} avoiding the need to create one manually via {@link VPCDerivedInfo#builder()}. When the {@link Consumer} completes, {@link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to {@link #options(VPCDerivedInfo)}.
@param options a consumer that will call methods on {@link VPCDerivedInfo.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #options(VPCDerivedInfo)"
,"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "getOptions",
"fluentEnumSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>
@see #options(VPCDerivedInfo)"
,"documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>
@see #options(VPCDerivedInfo)"
,"returnType" : "VPCDerivedInfo"}
"documentation" : null,
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n@<p>Specifies the VPC options for the specified Elasticsearch domain.
", "setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\n", "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#build()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.

When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the VPC options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)",
"getterDocumentation" : "<p>Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
@return Specifies the status of the VPC options for the specified Elasticsearch domain.
@see #status(OptionStatus)",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.
</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.
",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}.\nWhen the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link VPCDerivedInfo.Builder#build()}\n\n@see #options(VPCDerivedInfo)\n@deprecated Returns a reference to this object so that method calls can be chained together.\n@link VPCDerivedInfo.Builder#build()}
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together. 
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.
@return Specifies the VPC options for the specified Elasticsearch domain.
"getterModel" : {
"returnType" : "VPCDerivedInfo",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.
@param options Specifies the VPC options for the specified Elasticsearch domain. 
@return Specifies the VPC options for the specified Elasticsearch domain.
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "options",
"variableType" : "VPCDerivedInfo",
"documentation" : null,
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "options",
"variableType" : "VPCDerivedInfo",
"documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. </p>",
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.Builder#build()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

@see #status(OptionStatus)
",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>
Specifies the status of the VPC options for the specified Elasticsearch domain.

When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

@see #status(OptionStatus)
",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>
Specifies the status of the VPC options for the specified Elasticsearch domain.

When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

@see #status(OptionStatus)
",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.

@param status Specifies the status of the VPC options for the specified Elasticsearch domain.
",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.

</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlnsNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "VPCDerivedInfoStatus"
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcDerivedInfoStatus",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
},
"wrapper" : false
},
"VPCOptions" : {
    "c2jName" : "VPCOptions",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "marshaller" : null,
    "members" : [
        "beanStyleGetterMethodName" : "getSubnetIds",
        "beanStyleSetterMethodName" : "setSubnetIds",
        "c2jName" : "SubnetIds",
        "c2jShape" : "StringList",
        "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
This is a convenience that creates an instance of the List&lt;String&gt; avoiding the need to create one manually via List&lt;String&gt;#builder().
When the Consumer completes, the result is passed to List&lt;String&gt;#build().
"}
@param subnetIds a consumer that will call methods on { @link 
List<String>.Builder} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #subnetIds(List<String>)",

"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the subnets for VPC endpoint.",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",}
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.

@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@see #member(String)",
"getterDocumentation" : "Returns the value of the Member property for this object.

@see #member(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>

@param subnetIds Specifies the subnets for VPC endpoint."

"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>SPECIFIES the subnets for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>SPECIFIES the security groups for VPC endpoint.</p>
This is a convenience that creates an instance of the { @link List<String> .Builder} avoiding the need to create one manually via { @link List<String> #builder() }.

When the { @link Consumer} completes, { @link List<String> .Builder#build()} is called immediately and its result is passed to { @link 
#securityGroupIds(List<String>) }.
"@param securityGroupIds a consumer that will call methods on { @link List<String> .Builder \n@return Returns a reference to this object so that method calls can be chained
together.\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>SPECIFIES the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>SPECIFIES the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained
together.
"
"@param securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained
together.
"
"getterDocumentation" : "<p>SPECIFIES the security groups for VPC endpoint.</p>
Attempts to modify the collection returned by this method will result in an 
UnsupportedOperationException.

@return Specifies the security groups for VPC endpoint.
",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "SecurityGroupIds",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "SecurityGroupIds",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }.\n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #member(String) }.\n\n@see #member(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n\n@returns Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.\n\n\n@returns The value of the Member property for this object."
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
Specifies the security groups for VPC endpoint.

```java
@link List<String>.Builder
```

This is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`. When the `List<String>.Builder#build()` is called immediately and its result is passed to
#securityGroupIds(List<String>)\n
@deprecated
@see #securityGroupIds(List<String>)

Specifies the security groups for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@link List<String>.Builder
@return Returns a reference to this object so that method calls can be chained together.

@see #securityGroupIds(List<String>)

Specifies the security groups for VPC endpoint.

@link List<String>.Builder
@return Returns a reference to this object so that method calls can be chained together.

@see #securityGroupIds(List<String>)

deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds a consumer that will call methods on [ @link List<String>.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds a consumer that will call methods on [ @link List<String>.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"c2jName": "member",
"c2jShape": "String",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}. @param member a consumer that will call methods on \{@link String.Builder\}.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(String)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@see #member(String)",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.

@see #member(String)",
"getterModel": {
    "returnType": "String",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "member",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "member",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object. \n\n@\nparam member The new value for the Member property for this object. 
",
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "member",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "member",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint. </p>\n@\nparam securityGroupIds Specifies the security groups for VPC endpoint. 
",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
   "variableDeclarationType" : "java.util.List<String>",
   "variableName" : "securityGroupIds",
   "variableType" : "java.util.List<String>",
   "documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "securityGroupIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"SubnetIds" : {
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.
\nThis is a convenience that creates an instance of the \{@link List<String>.Builder\} avoiding the need to create one manually via \{@link List<String>#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link List<String>.Builder\#build()\} is called immediately and its result is passed to \{@link #subnetIds(List<String>)\}.
\n\@param subnetIds a consumer that will call methods on \{@link List<String>.Builder\}\n\n\@return Returns a reference to this object so that method calls can be chained together.\n\n\@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
\n\@param subnetIds Specifies the subnets for VPC endpoint.\n\n\@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
\n\@param subnetIds Specifies the subnets for VPC endpoint.\n\n\@return Returns a reference to this object so that method calls can be chained together.\n",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlns:NameSpaceUri" : null
],
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
]
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint."
,"setterMethodName" : "setSubnetIds",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
}
,"xmlnsNameSpaceUri" : null
]
],
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {\@link
List\(<\text{String}\>\).\text{Builder#build()} is called immediately and its result is passed to \{@link 
#subnetIds(List\(<\text{String}\>)\}\}. @param subnetIds a consumer that will call methods on \{@link 
List\(<\text{String}\>\).\text{Builder}\}.
@returns Returns a reference to this object so that method calls can be chained 
together.
@see #subnetIds(List\(<\text{String}\>)\),

"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p> ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@returns Returns a reference to this object so that method calls can be chained 
together.",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@returns Specifies the subnets for VPC endpoint.
", 
"getterModel" : {
  "returnType" : "java.util.List\(<\text{String}\>)",
  "documentation" : null
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"http" : {
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  "flattened" : false,
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  "isPayload" : false,
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  "location" : null,
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  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
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  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
  }}
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create
one manually via [link String.builder()]. When the [link Consumer] completes, [link
String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

@see #member(String)

@returns Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.

@GetterModel" : {
  "returnType" : "String",
  "documentation" : null
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  "isPayload" : false,
  "isStreaming" : false,
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  "statusCode" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
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  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
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  "variableSetterType" : "String"
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"simple" : true,
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  "variableType" : "String",
  "documentation" : null,
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  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
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"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.\n\n@param subnetIds Specifies the subnets for VPC endpoint.</p>",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
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  "variableName" : "subnetIds",
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"documentation" : null,
"simpleType" : "List<String>",
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"simple" : false,
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"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
]},

"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

This is a convenience that creates an instance of the {
"link List<String>.Builder} avoiding the need to create one manually via {
"link List<String>#builder()}. When the {
"link Consumer} completes, {
"link List<String>.Builder#build()} is called immediately and its result is passed to {
"link #securityGroupIds(List<String>)}. @param securityGroupIds a consumer that will call methods on {
"link List<String>.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
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"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.,
"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the security groups for VPC endpoint.,
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
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"http" : {
"additionalMarshallingPath" : null,
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"flattened" : false,
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"header" : false,
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"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultValue" : "null",
    "documentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() } .

When the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
String.Builder#build() }. When the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
String.Builder#build() }.

The new value for the Member property for this object.

@see #member(String)",
  "documentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }.

When the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
String.Builder#build() }.

The new value for the Member property for this object.

@see #member(String)",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.

This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }.

When the { @link Consumer } completes, { @link
String.Builder#build() } is called immediately and its result is passed to { @link
String.Builder#build() }.

The new value for the Member property for this object.

@see #member(String)",
  "fluentGetterMethodName" : "member",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.

The value of the Member property for this object.

@see #member(String)",
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  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
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"idempotencyToken" : false,
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"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
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  "setterMethodName" : "setMember",
  "setterModel" : {  
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    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
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  "timestampFormat" : null,
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    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
Specifies the security groups for VPC endpoint.

```java

public class VPCOptions {
    private List<String> securityGroupIds;

    public void setSecurityGroupIds(List<String> securityGroupIds) {
        this.securityGroupIds = securityGroupIds;
    }

    // Other methods...
}
```
"variable": {
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  "variableName": "vpcOptions",
  "variableType": "VPCOptions",
  "documentation": null,
  "simpleType": "VPCOptions",
  "variableSetterType": "VPCOptions"
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},
"ValidationException": {
  "c2jName": "ValidationException",
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    "skipGeneratingModelClass": false,
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  },
  "deprecated": false,
  "documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
  "enums": null,
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  "hasPayloadMember": false,
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  "hasStreamingMember": false,
  "httpStatusCode": 400,
  "marshaller": null,
  "members": [],
  "membersAsMap": { },
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  "requestSignerAware": false,
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  "required": null,
  "shapeName": "ValidationException",
  "simpleMethod": false,
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    "variableName": "validationException",
    "variableType": "ValidationException",
    "documentation": null,
    "simpleType": "ValidationException",
    "variableSetterType": "ValidationException"
The type of EBS volume, standard, gp2, or io1. See [Configuring EBS-based Storage](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs) for more information.

enums: [
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  { name: "GP2", value: "gp2" },
  { name: "IO1", value: "io1" }
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errorCode: null,
event: false,
eventStream: false,
explicitEventPayloadMember: null,
hasHeaderMember: false,
hasPayloadMember: false,
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hasStreamingMember: false,
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members: [
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nonStreamingMembers: [
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requestSignerAware: false,
requestSignerClassFqcn: null,
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shapeName: "VolumeType",
simpleMethod: false,
unmarshaller: {
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  resultWrapper: null
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  "simpleType": "VolumeType",
  "variableSetterType": "VolumeType"
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"wrapper": false
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"customAuthorizers": { },
"customRetryPolicy": null,
"examples": { 
  "examples": { },
  "version": "1.0"
},
"fileHeader": "/*
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 */
",
"sdkModeledExceptionBaseClassName": "ElasticsearchException",
"sdkModeledExceptionBaseFqcn": "software.amazon.awssdk.services.elasticsearch.model.ElasticsearchException",
"sdkRequestBaseClassName": "ElasticsearchRequest",
"sdkResponseBaseClassName": "ElasticsearchResponse"
}

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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/models/es-2015-01-01-intermediate.json

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/META-INF/maven/software.amazon.awssdk/elasticsearch/pom.xml

1.2575 mpfr 3.1.1-4.el7
1.2575.1 Available under license :

@c MPFR tweak: Have this in mpfr.texi to help texinfo-mode
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@center Version 1.2, November 2002

@cindex GNU Free Documentation License
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@end display

@enumerate 0
@item
PREAMBLE
@end enumerate

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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractAttribute.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/ElementPath.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/CharacterData.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/bean/BeanElement.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/Singleton.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/NonLazyDocumentFactory.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/DatatypeAttribute.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultEntity.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractDocument.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/QNameCache.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractNode.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/jaxb/JAXBRuntimeException.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/HTMLWriter.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dtd/EntityDecl.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/
jar/org/dom4j/datatype/SchemaParser.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources.jar/org/dom4j/io/DispatchHandler.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources.jar/org/dom4j/tree/DefaultText.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources.jar/org/dom4j/tree/DefaultNamespace.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources.jar/org/dom4j/Element.java

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  jar/org/wildfly/security/http/digest/WildFlyElytronHttpDigestProvider.java

1.2583 slf4j 1.7.25

1.2584 maven-model 2.0.7
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1.2587 log4j-api 2.10.0

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1.2588 coreutils 8.31-9.el7.0atomix3

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* /opt/cola/permits/1110675584_1606844033.49/0/wildfly-common-1-4-0-final-sources-1-jar/org/wildfly/common/Factory.java
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      (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or
link a “work that uses the Library” with the Library to produce a
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modification of the work for the customer's own use and reverse
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during execution displays copyright notices, you must include the
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directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable “work that
uses the Library”, as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
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c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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The "source code" for a work means the preferred form of the work
for making modifications to it. "Object code" means any non-source
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(if any) on which the executable work runs, or a compiler used to
produce the work, or an object code interpreter used to run it.

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work) run the object code and to modify the work, including scripts to
control those activities. However, it does not include the work's
System Libraries, or general-purpose tools or generally available free
programs which are used unmodified in performing those activities but
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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
* <p>
* [*@link LengthFieldBasedFrameDecoder*] has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
* *
* * <h3>2 bytes length field at offset 0, do not strip header</h3>
* *
* * The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
that the length field represents the number of the bytes that follows the
length field. Therefore, it can be decoded with the simplistic parameter
combination.

* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
* <pre>

* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>

* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* [{@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
* </pre>

* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
* </pre>

* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   = 0
* </pre>
* `lengthFieldLength` = 2  
* `<b>lengthAdjustment</b>` = `<b>-2</b>` (= the length of the Length field)  
* `initialBytesToStrip` = 0  
*  
* **BEFORE DECODE (14 bytes) | AFTER DECODE (14 bytes)**  
*  
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

* </pre>

* **3 bytes length field at the end of 5 bytes header, do not strip header**

* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. `<tt>lengthAdjustment</tt>` is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
*  
* `<b>lengthFieldOffset</b>` = `<b>2</b>` (= the length of Header 1)  
* `<b>lengthFieldLength</b>` = `<b>3</b>`  
* `lengthAdjustment` = 0  
* `initialBytesToStrip` = 0  
*  
* **BEFORE DECODE (17 bytes) | AFTER DECODE (17 bytes)**  
*  
<table>
<thead>
<tr>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCAFE</td>
<td>0x00000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0xCAFE</td>
<td>0x00000C</td>
</tr>
</tbody>
</table>

* </pre>

* **3 bytes length field at the beginning of 5 bytes header, do not strip header**

* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive `<tt>lengthAdjustment</tt>` so that the decoder counts the extra
* header into the frame length calculation.
*  
* `lengthFieldOffset` = 0  
* `lengthFieldLength` = 3  
* `<b>lengthAdjustment</b>` = `<b>2</b>` (= the length of Header 1)  
* `initialBytesToStrip` = 0  
*  
* **BEFORE DECODE (17 bytes) | AFTER DECODE (17 bytes)**  
*  
<table>
<thead>
<tr>
<th>Length</th>
<th>Header 1</th>
<th>Actual Content</th>
<th>Length</th>
<th>Header 1</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000C</td>
<td>0xCAFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000C</td>
<td>0xCAFE</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

* </pre>
* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

* lengthFieldOffset  = 1 (= the length of HDR1)
* lengthFieldLength  = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)

* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +----------------+------------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------------+------------------+
* </pre>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.

* lengthFieldOffset  = 1
* lengthFieldLength  = 2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +----------------+------------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------------+------------------+
* </pre>

@see LengthFieldPrepender
Found in path(s):
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
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jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
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jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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jar/io/netty/handler/codec/UnsupportedValueConverter.java
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jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-
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/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java

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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/compression/MessageAggregationException.java
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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
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when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19yy name of author
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without
changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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

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

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

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

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

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

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

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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1.2628 wildfly-picketlink 14.0.1.Final

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1.2630 artemis-jms-client 1.1.0.wildfly-017

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its purpose remains meaningful.

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

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|phone| 555-1234 |
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|contact| John Doe, 123 Main St, Anytown, USA |

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Jump to: Index-1

Jump to: Index-2
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Appendix A Copying and indices

In the appendix, we print the indices and references.

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Initialize empty image
f1c9645dbc14efdcd78a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2e9 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start   End   Blocks  Id  System

Open Source Used In Data Center Network Manager 11.5(1)  22758
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
__ts_dev__2 4096 20479 8192 a5 FreeBSD

Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them. Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start   end     size   fstype  [fsze bsize  cpg]
c:  4096   20479  16384    unused  0     0

d:    0     16064  16065    unused  0     0

BSD disklabel command (m for help):
Command (m for help):
-------------------
b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start   end     size   fstype  [fsze bsize  cpg]
a:  4096   6144    2049   4.2BSD   0     0     0
c:  4096   20479  16384    unused  0     0

d:    0     16064  16065    unused  0     0

BSD disklabel command (m for help):
Command (m for help):
-------------------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
0  unused    5   4.1BSD    9   4.4LFS   d  boot
1  swap      6   Eighth Edition  a  unknown  e  ADOS
2  Version 6  7   4.2BSD      b  HPFS   f  HFS
3  Version 7  8   MS-DOS      c  ISO-9660  10  AdvFS
4  System V

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*/

---

#1:         32       7648  0x83
#2:       7680       8704  0xa5
#5:       7936       4864  0x7 (freebsd)
#6:      12544       3584  0x7 (freebsd)

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1.2662 spring-aop 5.1.6.RELEASE

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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/aspectj/DeclareParentsAdvisor.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/interceptor/AsyncExecutionAspectSupport.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/autoproxy/AutoProxyUtils.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/autoproxy/QuickTargetSourceCreator.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/introduction/IntroductionAwareMethodMatcher.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/config/ConfigBeanDefinitionParser.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/aspectj/AbstractAspectJAdvisorFactory.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/adapter/AdvisorAdapterRegistry.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/support/NameMatchMethodPointcut.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/support/ThrowsAdviceInterceptor.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/adapter/AfterReturningAdviceInterceptor.java
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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/aspectj/annotation/AbstractAspectJAdvisorFactory.java
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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/framework/adapter/AdvisorAdapterRegistry.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/aspectj/RuntimeTestWalker.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/support/NameMatchMethodPointcut.java
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  jar/org/springframework/aop/framework/adapter/AfterReturningAdviceAdapter.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/interceptor/DebugInterceptor.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/framework/adapter/ThrowsAdviceAdapter.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/support/DynamicMethodMatcherPointcut.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/framework/AopConfigException.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/framework/AopInvocationException.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/config/AdvisorEntry.java
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  jar/org/springframework/aop/framework/adapter/StaticMethodMatcherPointcut.java
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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
  jar/org/springframework/aop/framework/AopProxyFactory.java
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  jar/org/springframework/aop/framework/adapter/UnknownAdviceTypeException.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-
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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/config/AspectEntry.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/framework/AdvisedSupportListener.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/framework/AopInfrastructureBean.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/RawTargetAccess.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/BeforeAdvice.java
* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1-jar/org/springframework/aop/IntroductionInterceptor.java
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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/springframework/aop/aspectj/AspectJWeaverMessageHandler.java

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* /opt/cola/permits/1110675828_1606843307.91/0/spring-aop-5-1-6-release-sources-1.jar/org/aopalliance/intercept/Joinpoint.java
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1.2671 json-simple 1.1.1

1.2672 ding-libs 0.1.1-32.el7

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* /opt/cola/permits/1104729343_1604648808.53/0/spring-expression-5-2-10-release-sources-jar/org/springframework/expression/spel/CompiledExpression.java
* /opt/cola/permits/1104729343_1604648808.53/0/spring-expression-5-2-10-release-sources-jar/org/springframework/expression/TypeComparator.java
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From: "Alexandr Ciornii via RT" <bug-Text-ParseWords@rt.cpan.org>
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In-Reply-To: <rt-4.0.18-4704-1384789048-1647.90483-6-0@rt.cpan.org>
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* /opt/cola/permits/1104729343_1604648808.53/0/spring-expression-5-2-10-release-sources.jar/org/springframework/expression/spel/standard/TokenKind.java
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Theodore Ts'o
23-June-2007

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* /opt/ws_local/PERMITS_SQL/1074298755_1595724278.19/0/spring-boot-autoconfigure-2-1-8-release-sources-1-jar/org/springframework/boot/autoconfigure/web/servlet/WebMvcAutoConfiguration.java
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* /opt/ws_local/PERMITS_SQL/1074298755_1595724278.19/0/spring-boot-autoconfigure-2-1-8-release-sources-1-jar/org/springframework/boot/autoconfigure/data/elasticsearch/package-info.java
Open Source Used In Data Center Network Manager 11.5(1)  22986
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1.2701 perl 5.16.3-293.el7
1.2701.1 Available under license:

use strict;
use lib './lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

#-----------------------------------------------#
# Create test distribution
#-----------------------------------------------#
{
  my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl',
  );

  $dist->regen;
  $dist->chdir_in;

  my $mb = $dist->new_from_context();
  isa_ok( $mb, "Module::Build" );
  is( $mb->license, 'perl',
    "license 'perl' is valid"
my $meta = $mb-&gt;get_metadata( fatal =&gt; 0 );

is( $meta-&gt;{license} =&gt; 'perl', "META license will be 'perl'");
is( $meta-&gt;{resources}->{license}, "http://dev.perl.org/licenses/",
  "META license URL is correct" );

}

{
  my $dist = DistGen-&gt;new(
    name =&gt; 'Simple::Name',
    version =&gt; '0.01',
    license =&gt; 'VaporWare'
  );

  $dist-&gt;regen;
  $dist-&gt;chdir_in;

  my $mb = $dist-&gt;new_from_context();
  isa_ok( $mb, "Module::Build" );
  is( $mb-&gt;license, 'VaporWare',
    "license 'VaporWare' is valid" );

  my $meta = $mb-&gt;get_metadata( fatal =&gt; 0 );

  is( $meta-&gt;{license} =&gt; 'unrestricted', "META license will be 'unrestricted'");
is( $meta-&gt;{resources}->{license}, "http://example.com/vaporware/",
  "META license URL is correct" );
}

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
This module is free software; you can redistribute it and/or modify it under the same terms as Perl itself.

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Version 1, February 1989

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<one line to give the program's name and a brief idea of what it does.>
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

---

abstract: 'Build and install Perl modules'

author:

- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the
Module-Build mailing list at <module-build@perl.org>.'

build_requires:
File::Temp: 0.15
Test::Harness: 3.16
Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
url: http://module-build.sourceforge.net/META-spec-v1.4.html
version: 1.4
name: Module-Build

resources:
MailingList: mailto:module-build@perl.org
license: http://dev.perl.org/licenses/
repository: http://github.com/dagolden/module-build/
version: 3

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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* /opt/cola/permits/1110674972_1606843241.09/0/jboss-invocation-1-5-1-final-sources-1-
1.2706 mitchellh-mapstructure 1.3.3

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package org.apache.cxf.io;

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

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

public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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1.2719 jline-terminal-jna 3.10.0

1.2720 hibernate-validator 6.0.21.Final

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

Found in path(s):
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java

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jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigDecimal.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/cfg/context/ConstructorConstraintMappingContext.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadableInstant.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigDecimal.jav
a
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/cfg/defs/pl/NIPDef.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/metadata/aggregated/NonContainerCascadingMetadata.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/ElTermResolver.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/util/privilegedactions/NewProxyInstance.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/DecimalNumberComparatorHelp
er.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTermType.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/util/ModUtil.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/metadata/DefaultBeanMetaDataClassNormalizer.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-
jar/org/hibernate/validator/internal/engine/scripting/DefaultScriptEvaluatorFactory.java
Open Source Used In Data Center Network Manager 11.5(1)  23100
Open Source Used In Data Center Network Manager 11.5(1)  23102
Open Source Used In Data Center Network Manager 11.5(1) 23105
 Jar file contents:

```
jar/org/hibernate/validator/internal/util/annotation/AnnotationFactory.java
jar/org/hibernate/validator/internal/engine/valueextraction/ArrayElement.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetDateTime.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForZonedDateTime.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForNumber.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigInteger.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForMap.java
```

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*
* @param executable The executable of interest.
*
* @return A list with parameter meta data for the given executable.
*/

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* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-jar/org/hibernate/validator/internal/util/TypeHelper.java
* /opt/cola/permits/1106729402_1605661466.13/0/hibernate-validator-6-0-21-final-sources-1-jar/META-INF/validation-configuration-1.1.xsd
1.2721 commons-codec 1.10

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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/MemberValueVisitor.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/ClassMemberValue.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
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jar/javassist/util/proxy/MethodHandler.java
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1.2727 lvm2 2.02.186-7.el7_8.2

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HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@m.tia.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

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Version 2.1, February 1999

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

@item
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
@end enumerate

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

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

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

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

@end iftex
@end ifinfo
@page
@appendixsubsec How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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@var{one line to give the library's name and an idea of what it does.}
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@end example
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@end smallexample

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'Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

That's all there is to it!
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Version 2.1, February 1999

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

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

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

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

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control
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Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

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complete source code as you receive it, in any medium, provided that
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You may charge a fee for the physical act of transferring a copy,
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of it, thus forming a work based on the Library, and copy and
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above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the
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a) Accompany the work with the complete corresponding
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Sections 1 and 2 above); and, if the work is an executable linked
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uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
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c) Accompany the work with a written offer, valid for at least
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Subsection 6a, above, for a charge no more than the cost of
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d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
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For an executable, the required form of the "work that uses the
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reproducing the executable from it. However, as a special exception,
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normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
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b) Give prominent notice with the combined library of the fact
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* m4/ax_func_which_gethostname_r.m4

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* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-jar/org/jboss/logmanager/JDKSpecific.java

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* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-jar/org/jboss/logmanager/formatters/StackTraceFormatter.java

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* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-jar/org/jboss/logmanager/handlers/DelayedHandler.java

* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-jar/org/jboss/logmanager/formatters/XmlFormatter.java

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jar/org/jboss/logmanager/CallerClassLoaderLogContextSelector.java
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org.jboss.logmanager.LogManager

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* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1.jar/org/jboss/logmanager/handlers/QueueHandler.java
* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1.jar/org/jboss/logmanager/filters/InvertFilter.java
* /opt/cola/permits/1110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1.jar/org/jboss/logmanager/filters/LevelChangingFilter.java
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* /opt/cola/permits/110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-
jar/org/jboss/logmanager/config/AbstractPropertyConfiguration.java
* /opt/cola/permits/110677225_1606843833.13/0/jboss-logmanager-2-1-4-final-sources-1-
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jar/org/jboss/logmanager/handlers/UncloseableWriter.java
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jar/org/jboss/logmanager/config/FormatterConfiguration.java
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jar/org/jboss/logmanager/handlers/OutputStreamHandler.java
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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build machine he donated to the project was about 5 times more capable than the entire build system we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks : but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

Contributors:
The Red Hat developers, without whom CentOS would look very different

Akemi Matsuno-Yagi
Alain Reguera Delgado
Alan Bartlett
Andreas Thienemann
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1.2745 bean-validation-api 2.0.1.Final

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/PendingWriteQueue.java

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
  jar/io/netty/bootstrap/BootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
  jar/io/netty/bootstrap/ServerBootstrapConfig.java
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  jar/io/netty/channel/PreferHeapByteBufAllocator.java
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/group/ChannelGroup.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/DefaultChannelId.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/group/ChannelMatcher.java
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 */
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in its [link ChannelPipeline].

* <h3>Sub-types</h3>

* [link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its subtypes:
  * <ul>
  * <li>@link ChannelInboundHandler} to handle inbound I/O events, and</li>
  * <li>@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
  * </ul>

  * Alternatively, the following adapter classes are provided for your convenience:
    * <ul>
    * <li>@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
    * <li>@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
    * <li>@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
    * </ul>

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

* <h3>The context object</h3>

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

* <h3>State management</h3>

* A [link ChannelHandler} often needs to store some stateful information.

* The simplest and recommended approach is to use member variables:

  * public interface Message {
    * // your methods here
    * }

  * public class DataServerHandler extends [link SimpleChannelInboundHandler}&lt;Message&gt; { 
    *
    * private boolean loggedIn;
  
/*
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in its [link ChannelPipeline].
* <h3>Sub-types</h3>
* [link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its subtypes:
  * <ul>
  * <li>[link ChannelInboundHandler} to handle inbound I/O events, and</li>
  * <li>[link ChannelOutboundHandler} to handle outbound I/O operations.</li>
  * </ul>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
  * <ul>
  * <li>[link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
  * <li>[link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
  * <li>[link ChannelDuplexHandler} to handle both inbound and outbound events</li>
  * </ul>
* <p>
* For more information, please refer to the documentation of each subtype.
* 
* <h3>The context object</h3>
* 
* A [link ChannelHandler} is provided with a [link ChannelHandlerContext] object. A [link ChannelHandler} is supposed to interact with the [link ChannelPipeline] it belongs to via a context object. Using the context object, the [link ChannelHandler} can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using [link AttributeKey]s) which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A [link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* 
  * public interface Message {
    * // your methods here
    * }

  * public class DataServerHandler extends [link SimpleChannelInboundHandler}&lt;Message&gt; { 
    *
    * private boolean loggedIn;
```java
*     @Override
*     public void channelRead0(ChannelHandlerContext ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             loggedIn = true;
*         } else if (message instanceof GetDataMessage) {
*             if (loggedIn) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See ChannelInitializer#initChannel(Channel).
* public class DataServerInitializer extends ChannelInitializer<Channel> {
*     @Override
*     public void initChannel(Channel channel) {
*         channel.pipeline().addLast("handler", new DataServerHandler());
*     }
* }
* </pre>
*<h4>Using AttributeKey</h4>
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use AttributeKey which is provided by
* ChannelHandlerContext:
* <pre>
* public interface Message {
*     // your methods here
* }
* </pre>
* public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
*     private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");
*     ...
* }
```
* { @code @Override}
* public void channelRead(@link ChannelHandlerContext) ctx, Message message) {
*     { @link Attribute} &lt;{ @link Boolean}&gt;&gt; attr = ctx.attr(auth);
*     if (message instanceof LoginMessage) {
*         authenticate((LoginMessage) o);
*         &lt;b&gt;attr.set(true)&lt;/b&gt;;
*     } else (message instanceof GetDataMessage) {
*         if (&lt;b&gt;Boolean.TRUE.equals(attr.get())&lt;/b&gt;) {
*             ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*         } else {
*             fail();
*         }
*     }
* }
* ...
* }
* &lt;/pre&gt;
* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* &lt;pre&gt;
* public class DataServerInitializer extends { @link ChannelInitializer} &lt;{ @link Channel}&gt; {
*     private static final DataServerHandler &lt;b&gt;SHARED&lt;/b&gt; = new DataServerHandler();
*     {
*         &lt;@code @Override&gt;
*         public void initChannel({ @link Channel} channel) {
*             channel.pipeline().addLast("handler", &lt;b&gt;SHARED&lt;/b&gt;);
*         }
*     }
* &lt;/pre&gt;
* *
* &lt;h4&gt;The { @code @Sharable} annotation&lt;/h4&gt;
* &lt;p&gt;
* In the example above which used an { @link AttributeKey},
* you might have noticed the { @code @Sharable} annotation.
* &lt;p&gt;
* If a { @link ChannelHandler} is annotated with the { @code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more { @link ChannelPipeline}s multiple times without
* a race condition.
* &lt;p&gt;
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* &lt;p&gt;
* This annotation is provided for documentation purpose, just like
* Additional resources worth reading
* Please refer to the [ChannelHandler](https://example.com), and [ChannelPipeline](https://example.com) to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SimpleUserEventChannelHandler.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/nio/NioChannelOption.java

1.2749 colord-gtk 0.1.25-4.el7

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jar/io/netty/channel/oio/OioByteStreamChannel.java
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/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its { @link ChannelPipeline}.
 */
* <h3>Sub-types</h3>
* <p>
* [@link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its subtypes:
* <ul>
* <li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>
* <li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>
* </ul>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
* <li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
* <li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>
* </ul>
* </p>
* </p>
* For more information, please refer to the documentation of each subtype.
* </p>
* </p>
* <h3>The context object</h3>
* <p>
* A [@link ChannelHandler] is provided with a [@link ChannelHandlerContext] object. A [@link ChannelHandler] is supposed to interact with the [@link ChannelPipeline] it belongs to via a context object. Using the context object, the [@link ChannelHandler] can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using [@link AttributeKey]s) which is specific to the handler.
* </p>
* </p>
* <h3>State management</h3>
* <p>
* A [@link ChannelHandler] often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
* </pre>
* public class DataServerHandler extends [@link SimpleChannelInboundHandler]<Message> { 
*     <b>private boolean loggedIn;</b>
*     <p>
*     [ @code @Override]
*     public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else {
*             // your logic here
*         }
*     }
* </p>
* </pre>
* </p>
* } else (message instanceof GetDataMessage) {
*     if (<b>loggedIn</b>) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*     } else {
*         fail();
*     }
* }
* ...
*
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.  
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; { 
*     {@code @Override}  
*     public void initChannel({@link Channel} channel) {  
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*  
* </pre>
*  
* <h4>Using {@link AttributeKey}s</h4>
*  
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {  
*     // your methods here
* }
*  
* {@code @Sharable}  
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {  
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =  
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*  
* {@code @Override}  
* public void channelRead({@link ChannelHandlerContext} ctx, Message message) {  
*     {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);  
*     if (message instanceof LoginMessage) {  
*         authenticate((LoginMessage) o);
*         ...
Now that the state of the handler is attached to the `@link ChannelHandlerContext`, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends `@link ChannelInitializer`<`@link Channel`> {

    private static final DataServerHandler SHARED = new DataServerHandler();

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

### The `@Sharable` annotation

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation.

If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`'s multiple times without a race condition.

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

This annotation is provided for documentation purpose, just like `a href="http://www.javaconcurrencyinpractice.com/annotations/doc/" the JCIP annotations</a`.

### Additional resources worth reading

Please refer to the `@link ChannelHandler`, and `@link ChannelPipeline` to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/ChannelHandler.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java

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:: Hiragana-Katakana;
:: Katakana-Latin;

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:: (![A-Za-z~\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u010F\u0112-\u0125\u0134-\u0137\u0139-\u013E\u0143-\u0148\u0154-\u0168-\u017E\u01A0-\u01A1\u01AF-\u01B0\u01CD-\u01DC\u01DE-\u01F5\u01F8-\u021B\u021E-\u021F\u0226-\u0233\u0304\u04E2-\u04E3\u04EE-\u04EF\u1E00-\u1E99\u1EA0-\u1EF9\u1FB1\u1FB9\u1FD1\u1FD9\u1FE1\u1FE9\u212A-\u212B])

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* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Hiragana_Latin.txt

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#$Date: 2002/09/19 18:11:23$
#$Revision: 1.9$
#--------------------------------------------------------------------

# InterIndic-Malayalam
#: NFD (NFC):
\ue001>\u0d02; # REMAP (indicExceptions.txt): \u0d01>\u0d02 = SIGN CANDRABINDU>SIGN ANUSVARA
\ue002>\u0d02; # SIGN ANUSVARA
\ue003>\u0d03; # SIGN VISARGA
\ue005>\u0d05; # LETTER A
\ue006>\u0d06; # LETTER AA
\ue007>\u0d07; # LETTER I
\ue008>\u0d08; # LETTER II
\ue009>\u0d09; # LETTER U
\ue00a>\u0d0a; # LETTER UU
\ue00b>\u0d0b; # LETTER VOCALIC R
\ue00c>\u0d0c; # LETTER VOCALIC L
\ue00d>\u0d0e; # FALLBACK LETTER E
\ue00e>\u0d0f; # LETTER E
\ue00f>\u0d10; # LETTER EE
\ue010>\u0d11; # LETTER AI
\ue011>\u0d12; # FALLBACK TO O
\ue012>\u0d13; # LETTER O
\ue013>\u0d14; # LETTER OO
\ue014>\u0d15; # LETTER AU
\ue015>\u0d16; # LETTER KA
\ue016>\u0d17; # LETTER KHA
\ue017>\u0d18; # LETTER GA
\ue018>\u0d19; # LETTER GHA
\ue019>\u0d1a; # LETTER NGA
\ue01a>\u0d1b; # LETTER CA
\ue01b>\u0d1c; # LETTER CHA


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\ue049>\u0d4b; # REMAP (indicExceptions.txt): \u0d49>\u0d4b = VOWEL SIGN CANDRA O>VOWEL SIGN OO
\ue04a>\u0d4a; # VOWEL SIGN O
\ue04b>\u0d4b; # VOWEL SIGN OO
\ue04c>\u0d4c; # VOWEL SIGN AU
\ue04d>\u0d4d; # SIGN VIRAMA
\ue050>\u0d13\u0d02; # UNMAPPED InterIndic-Malayalam: OM
\ue051>;
\ue052>;
\ue053>;
\ue054>;
\ue055> # FALLBACK BLOW AWAY LENGTH MARK
\ue056>\u0d48; # REMAP (indicExceptions.txt): \u0d56>\u0d48 = AI LENGTH MARK>VOWEL SIGN AI
\ue057>\u0d57; # AU LENGTH MARK
\ue058>\u0d15; # FALLBACK
\ue059>\u0d16; # REMAP (indicExceptions.txt): \u0d59>\u0d16 = LETTER KHHA>LETTER KHA
\ue05a>\u0d17; # REMAP (indicExceptions.txt): \u0d5a>\u0d17 = LETTER GHHA>LETTER GA
\ue05b>\u0d1c; # REMAP (indicExceptions.txt): \u0d5b>\u0d1c = LETTER ZA>LETTER JA
\ue05d>\u0d22; # REMAP (indicExceptions.txt): \u0d5d>\u0d22 = LETTER RHA>LETTER DDHA
\ue05e>\u0d21; # FALLBACK
\ue05f>\u0d2e; # REMAP (indicExceptions.txt): \u0d5f>\u0d2e = LETTER FA>LETTER PHA
\ue060>\u0d60; # LETTER VOCALIC RR
\ue061>\u0d61; # LETTER VOCALIC LL
\ue062>\ue063; # FALLBACK BLOW AWAY VOWEL SIGN VOCALIC L
\ue064>\ue065; # FALLBACK BLOW AWAY VOWEL SIGN VOCALIC LL
\ue066>\u0d66; # DIGIT ZERO
\ue067>\u0d67; # DIGIT ONE
\ue068>\u0d68; # DIGIT TWO
\ue069>\u0d69; # DIGIT THREE
\ue06a>\u0d6a; # DIGIT FOUR
\ue06b>\u0d6b; # DIGIT FIVE
\ue06c>\u0d6c; # DIGIT SIX
\ue06d>\u0d6d; # DIGIT SEVEN
\ue06e>\u0d6e; # DIGIT EIGHT
\ue06f>\u0d6f; # DIGIT NINE
\ue070> # ABBREVIATION SIGN
\ue071>\u0d30; # LETTER RA WITH MIDDLE DIAGONAL
\ue072>\u0d30; # LETTER RA WITH LOWER DIAGONAL
\ue073> # RUPEE MARK
\ue074> # RUPEE SIGN
\ue075> # CURRENCY NUMERATOR ONE
\ue076> # CURRENCY NUMERATOR TWO
\ue077> # CURRENCY NUMERATOR THREE
\ue078> # CURRENCY NUMERATOR FOUR
\ue079> # CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\ue07A;       # CURRENCY DENOMINATOR SIXTEEN
\ue07B;       # ISSHAR
\uE07C;       # TIPPI
\uE07D;       # ADDAK
\uE07E;       # IRI
\uE07F;       # URA
\uE080;       # EK ONKAR

0 > ൦;       # FALLBACK FOR TAMIL
1 > ൧;

#    :: NFC (NFD) ;
# eof

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# $Date: 2002/07/26 16:09:04 $
# $Revision: 1.2 $
#----------------------------------------------------------------------------------
# For modern Greek, based on UNGEGN rules.

# Rules are predicated on running NFD first, and NFC afterwards
# MINIMAL FILTER GENERATED FOR: Greek-Latin/UNGEGN
# WARNING: need to add accents to both filters ###
# :: [:\u00F0\u00F2\u00F4\u00F6\u00F8\u00F0\u00F2\u00F4\u00F6\u00F8] ;

:: [[:Greek:][:Mn:][:Me:]] [\u00B7;?:?\u00B7;?:?\u00B7;?:?\u00B7;]
::NFD (NFC) ;

# Useful variables

$lower = [[:latin:][:greek:] & [:Ll:]] ;
$upper = [[:latin:][:greek:] & [:Lu:]] ;
$accent = [[:Mn:][:Me:]] ;

$macron = ;
$ddot = ;
$lcgvowel = [] ;
$ucgvowel = [] ;
$gvowel = [$lcgvowel $ucgvowel] ;
$lcgvowelC = [$lcgvowel $accent] ;

$sevowel = [aeiouyAEIOUY];
$vowel = [$sevowel $gvowel] ;

$beforeLower = $accent * $lower ;

$gammaLike = [] ;
$segammaLike = [GKXCgkxc] ;
$smooth = ;
$rough = ;
$iotasub = ;

$softener = [$gvowel] ;

$under = ;
$caron = ;

$afterLetter = [:L:] ['$accent]* ;
$beforeLetter = ['$accent]* [:L:] ;

# Fix punctuation

# preserve orginal
\: <> \: $under ;
\?: <> \?: $under ;

\; <> \?:
\* <> \;

# Fix any ancient characters that creep in

> ;
> ;
> ;
$smooth > ;
$rough > ;
$iotasub > ;
> ;

# need to have these up here so the rules don't mask

<> i $under ;
<> I $under ;

] $beforeLower <> Ps ;
<> PS ;
<> ps ;

<> o $under ;
<> O $under;

# at begining or end of word, convert mp to b

[^[:L:]]\$accent\{ > b ;
[^[[:L:]]\$accent] > b ;
[^[:L:]]\$accent\} { ][ ] > B ;
[] ] } ^[[:L:]]\$accent] > B ;

< b ;
< B } $beforeLower ;
< B ;

# handle diphthongs ending with upsilon

<> ou ;
<> OU ;
<> Ou ;
<> oU ;

$fmaker = [aeiAEI] $under ? ;
$shiftForwardVowels = [[:Mn:][-\u0308]]; # note: a diaeresis keeps the items separate

$fmaker \( (\$shiftForwardVowels )* \) $softener > $1 v $under ;
$1 < (\$shiftForwardVowels )* v $under ;

$fmaker \( (\$shiftForwardVowels )* \) > $1 f $under ;
$1 < (\$shiftForwardVowels )* f $under ;

$fmaker \} $softener <= V $under ;
$fmaker \( <> U $under ;

<> y ;
<> Y ;

# NORMAL

<> a ;
<> A ;

<> v ;
<> V ;

} $gammaLike <= n } $gammaLike ;
# Caron means exception

# before a letter, initial
| $beforeLetter <-> s $under } $beforeLetter;
| $beforeLetter <-> s ] $beforeLetter;

# otherwise, after a letter = final
| $afterLetter { <-> $afterLetter { s $under;
| $afterLetter { <-> $afterLetter { s ;

# otherwise (isolated) = initial
| <-> s $under;
| <-> s ;

[PP] | <-> \S ;
| <-> S ;

| <-> t ;
| <-> T ;

| <-> f ;
| <-> F ;

| <-> ch ;
| $beforeLower <-> Ch ;
| <-> CH ;

# Completeness for ASCII

# $ignore = [{[:Mark:]']} * ;

| ch < h ;
| k < c ;
| i < j ;
| k < q ;
| b < u ] $vowel ;
| b < w ] $vowel ;
| y < u ;
| y < w ;

| Ch < H ;
| K < C ;
| I < J ;
| K < Q ;
| B < W ] $vowel ;
| B < U ] $vowel ;
| Y < W ;
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| Y < U |

# Completeness for Greek

> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> |;
μ > | ;

# delete any trailing ` marks used for roundtripping

< [[] {\ } {Ss} ;
< [[] {\ } SegammaLike ;

::NFC (NFD) ;

# MINIMAL FILTER GENERATED FOR: Latin-Greek/UNGEGN BACKWARD
:: ([[[:Latin:][:Mn:][:Me:] [\?]]) ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Greek_Latin_UNGEGN.txt
No license file was found, but licenses were detected in source scan.

#---------------------------------------------------------------------------------
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#---------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Malayalam_InterIndic.txt,v $
# $Date: 2002/03/02 00:27:26 $
# $Revision: 1.5 $
#---------------------------------------------------------------------------------

# Malayalam-InterIndic
#:: NFD (NFC) ;

\u0D02>\uE002;   # SIGN ANUSVARA
\u0D03>\uE003;   # SIGN VISARSA
\u0D05>\uE005;   # LETTER A
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_Malayalam_InterIndic.txt
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Devanagari.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.9 $
#  
# InterIndic-Devanagari
#: NFD (NFC) ;
#Rules for Decomposed characters
\u0e28\u0e3c > \u0929; #\ue029
\u0e30\u0e3c > \u0931; #\ue031
\u0e33\u0e3c > \u0934; #\ue034
\u0e15\u0e3c > \u0958; #\ue058 LETTER QA  (For Urdu)
Open Source Used In Data Center Network Manager 11.5(1) 23502
Open Source Used In Data Center Network Manager 11.5(1) 23504

# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Devanagari.txt

No license file was found, but licenses were detected in source scan.

#------------------------------------------
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#------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Oriya_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.6 $
#------------------------------------------

# Oriya-InterIndic
#: NFD (NFC) :
\u0B21\u0B3C>\uE05C;# LETTER RRA
\u0B22\u0B3C>\uE05D;# LETTER RHA
\u0B47\u0B56>\uE048;# VOWEL SIGN AI
\u0B47\u0B3E>\uE04B;# VOWEL SIGN O
\u0B47\u0B57>\uE04C;# VOWEL SIGN AU

\u0B01>\uE001; # SIGN CANDRABINDU
\u0B02>\uE002; # SIGN ANUSVARA
\u0B03>\uE003; # SIGN VISARGA
\u0B05>\uE005; # LETTER A
\u0B06>\uE006; # LETTER AA
\u0B07>\uE007; # LETTER I
\u0B08>\uE008; # LETTER II
\u0B09>\uE009; # LETTER U
\u0B0A>\uE00A; # LETTER UU
\u0B0B>\uE00B; # LETTER VOCALIC R
\u0B0C>\uE00C; # LETTER VOCALIC L
\u0B0F>\uE00F; # LETTER E
\u0B10>\uE010; # LETTER AI
\u0B13>\uE013; # LETTER O
\u0B14>\uE014; # LETTER AU
\u0B15>\uE015; # LETTER KA
\u0B16>\uE016; # LETTER KHA
\u0B17>\uE017; # LETTER GA
\u0B18>\uE018; # LETTER GHA
\u0B19>\uE019; # LETTER NGA
\u0B1A>\uE01A; # LETTER CA
\u0B1B>\uE01B; # LETTER CHA
\u0B1C>\uE01C; # LETTER JA
\u0B1D>\uE01D; # LETTER JHA
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_Oriya_InterIndic.txt
No license file was found, but licenses were detected in source scan.

# MINIMAL FILTER GENERATED FOR: Greek-Latin
:: [\u0000-\u007F \u0370-\u03FF [:Greek:] [:nonspacing mark:]]
:: NFD (NFC) ;

# TEST CASES

# —
# # # #
# Useful variables

```perl
$lower = [[:latin:]][:greek:] & [[:Ll:]];
$glower = [[:greek:] & [[:Ll:]];
$upper = [[:latin:]][:greek:] & [[:Lu:]] ;
$accent = [[:M:]] ;
```

```bash
# NOTE: restrict to just the Greek & Latin accents that we care about
# TODO: broaden out once interation is fixed
$accentMinus = [[:u0300-0345] & [[:M:]] - [:u0338]] ;
```

```bash
$macron = \u0304 ;
$ddot = \u0308 ;
$ddotmac = [$ddot$macron];
```

```bash
$lcvowel = [] ;
$ucvowel = [] ;
$g vowel = [$lcvowel $ucvowel] ;
$lcvowelC = [$lcvowel $accent] ;
```

```bash
$sevowel = [aeiouyAEIOUY];
$sevowel2 = [uyUIUY];
$svowel = [ $sevowel $g vowel] ;
```

```bash
$gammaLike = [] ;
$egammaLike = [GKXCgkxc] ;
$smooth = ;
$rough = ;
$iotasub = ;
```

```bash
$sevowel_i = [sevowel-[IH]] ;
$sevowel2_i = [uyUY];
```

```bash
$underbar = \u0331;
```

```bash
$afterLetter = [L:] [[:M:]]* ;
$beforeLetter = [[:M:]][* [L:]] ;
$beforeLower = $accent * $lower ;
```

```bash
$notLetter = [^[[:L:][[:M:]]] ;
$under = ;
```

# Fix punctuation
# preserve original
\: <> \: $under ;
\?: <> \?: $under ;
\; <> \?
· <> 

# CIRCUMFLEX: convert greek circumflex to normal one. Could use tilde or inverted breve

\u0342 <> \u0302

# IOTA: convert iota subscript to iota
# first make previous alpha long!

Saccent_minus = [[Saccent]-[Siotasub$smacron]];  

| $accent_minus * $iotasub > | $macron ;
| $accent_minus * $iotasub > | $macron ;

# now convert to uppercase if after uppercase, ow to lowercase

$upper $accent * [ $iotasub > I ;
Siotasub > i ;

| $1 $iotasub < ($evowel $macron $accentMinus *) i ;
| $1 $iotasub < ($evowel $macron $accentMinus *) I ;

# BREATHING

# Convert rough breathing to h, and move before letters.

# Make A ` x = > H a x

($smacron?) $rough } $beforeLower > H | $1;
$rough } $beforeLower > H | ;
($ddot?) $rough } $beforeLower > H | $1;
$rough } $beforeLower > H | ;
($ddot?) $rough } $beforeLower > H | $1;

# Make A x ` = > H a x

($glower $macron?) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower $ddot?) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower $ddot?) $rough > H | $1 ;
# Otherwise, make x ` into h x and X ` into H X

($lcgvowel + $ddotmac? ) $rough > h | $1 ;
($gvowel + $ddotmac? ) $rough > H | $1 ;

# Go backwards with H

| $1 $rough < h (Sevowel $macron $ddot? $sevowel2_i $macron?) ;
| $1 $rough < h (Sevowel $ddot? $sevowel2 $macron?) ;
| $1 $rough < h (Sevowel $macron? $ddot?) ;

| $1 $rough < H ([AEIOUY] $macron $ddot? $sevowel2_i $macron?) ;
| $1 $rough < H ([AEIOUY] $ddot? $sevowel2 $macron?) ;
| $1 $rough < H ([AEIOUY] $macron? $ddot?) ;

# titlecase, have to fix individually
# in the future, we should add &uppercase() to make this easier

| A $1 $rough < H a ($macron $ddot? $sevowel2_i $macron?) ;
| E $1 $rough < H e ($macron $ddot? $sevowel2_i $macron?) ;
| I $1 $rough < H i ($macron $ddot? $sevowel2_i $macron?) ;
| O $1 $rough < H o ($macron $ddot? $sevowel2_i $macron?) ;
| U $1 $rough < H u ($macron $ddot? $sevowel2_i $macron?) ;
| Y $1 $rough < H y ($macron $ddot? $sevowel2_i $macron?) ;

| A $1 $rough < H a ($ddot? $sevowel2 $macron?) ;
| E $1 $rough < H e ($ddot? $sevowel2 $macron?) ;
| I $1 $rough < H i ($ddot? $sevowel2 $macron?) ;
| O $1 $rough < H o ($ddot? $sevowel2 $macron?) ;
| U $1 $rough < H u ($ddot? $sevowel2 $macron?) ;
| Y $1 $rough < H y ($ddot? $sevowel2 $macron?) ;

# Now do smooth

# delete smooth breathing for Latin
$smooth > ;

# insert in Greek
# the assumption is that all Marks are on letters.

| $1 $smooth < $notLetter { ([rR]) } [^hH$smooth$rough] ;
# TODO: preserve smooth/rough breathing if not
# on initial vowel sequence

# need to have these up here so the rules don’t mask

# remove now superfluous macron when returning

< A $macron ;
< a $macron ;

<> e $macron ;
<> E $macron ;

<> ph ;
} $beforeLower <> Ps ;
<> PS ;

} $beforeLower <> Ph ;
<> PH ;
<> ps ;

<> o $macron ;
<> O $macron ;

# NORMAL

<> a ;
<> A ;

<> b ;
<> B ;

} $gammaLike <> n } $egammaLike ;
<> g ;
} $gammaLike <> N } $egammaLike ;
<> G ;

<> d ;
<> D ;

<> e ;
<> E ;

<> z ;
<> Z ;
<> th ;
} SbeforeLower <> Th ;
<> TH ;

<> i ;
<> I ;

<> k ;
<> K ;

<> l ;
<> L ;

<> m ;
<> M ;

} $gammaLike > nV ;
<> n ;
} $gammaLike <> NV ;
<> N ;

<> x ;
<> X ;

<> o ;
<> O ;

<> p ;
<> P ;

$rough <> rh;
$rough ] SbeforeLower <> Rh ;
$rough <> RH ;
<> r ;
<> R ;

# insert separator

[Pp] { } > V ;
[Pp] { } > V ;

# underbar means exception

# before a letter, initial
] SbeforeLetter <> s $underbar ] SbeforeLetter;
] SbeforeLetter <> s ] SbeforeLetter;
# otherwise, after a letter = final
$afterLetter { <> $afterLetter { s $underbar;
$afterLetter { <> $afterLetter { s ;

# otherwise (isolated) = initial
<> s $underbar;
<> s ;

[Pp] { <> \S ;
<> S ;

<> t ;
<> T ;

$vowel { } <> u ;
<> y ;
$vowel { <> U ;
<> Y ;

<> ch ;
} $beforeLower <> Ch ;
<> CH ;

# Completeness for ASCII

$ignore = list[[:Mark:]]* ;

| k < c ;
| ph < f ;
| i < j ;
| k < q ;
| b < v ; $vowel ;
| b < w ; $vowel;
| u < v ;
| u < w ;
| K < C ;
| Ph < F ;
| I < J ;
| K < Q ;
| B < V ; $vowel ;
| B < W ; $vowel ;
| U < V ;
| U < W ;

$rough } Signore [[:UppercaseLetter:]] > H ;
Signore [[:UppercaseLetter:]] [ Srough > H ;
Srough < H ;
Srough <> h ;
# Completeness for Greek

\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]
\[ \mu \mid ; \]

# delete any trailing ` marks used for roundtripping

\[ < \[ ] \{ \ \} { ` } [Ss] \]
\[ < \[ ] \{ \ \} $egammaLike \]

::NFC (NFD) ;

# ([\u0000-\u007F [:Latin:] [:nonspacing mark:]]);

# ([\u0000-\u007F \u00B7 [:Latin:] [:nonspacing mark:]]);

# MINIMAL FILTER GENERATED FOR: Latin-Greek BACKWARD

:: (['?:A-Za-z\u00C0-\u00C5\u00C7-\u00CF\u00D1-\u00D6\u00D9-\u00DD\u00E0-\u00E5\u00E7-\u00EF\u00F1-\u00F6\u00F9-\u00FD\u00FF-\u010F\u0128-\u0134-\u0137\u0139-\u013Eu0143-\u0148\u0151\u0154-\u0165\u0168-\u017Eu01A0-\u01A1\u01AF-\u01B0\u01CD-\u01DC\u01DE-\u01E3\u01E6-\u01F4-\u01F5\u01F8-\u0226-\u0233\u0300-\u0337\u0339-\u0345\u0385-\u0388-\u038C\u038E-\u0390\u03AA-\u03B0\u03CA-\u03CE\u03D3-\u03D4\u0400-\u0401\u0403\u0407\u040C-\u0453\u0457\u045C-\u045E\u047F-\u0477\u04C1-\u04C2\u04D0-\u04D3\u04D6-\u04D7\u04DA-\u04DF\u04E2-\u04E7\u04EA-\u04F5\u04F8-\u04F9\u01E00-\u01E09\u01E9\u01E0A-\u01E0F\u01F00-\u01F15\u01F18-\u01F1D\u01F20-\u01F45\u01F48-\u01F4D\u01F50-\u01F57\u01F59\u01F5B\u01F5D\u01F7D\u01F80-\u01FB4-\u01FB6-\u01FC1-\u01FC4-\u01FC6-\u01FD3\u01FD6-\u01FDB\u01FDD-\u01FE\u01FF2-\u01FF4\u01FF6-\u01FFC\u012A-\u012B]) ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Greek_Latin.txt
No license file was found, but licenses were detected in source scan.

#----------------------------------------
# Copyright (c) 1999-2001, International Business Machines
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# InterIndic-Telugu

:: NFD (NFC) :
\ue001>\u0c01; # SIGN CANDRABINDU
\ue002>\u0c02; # SIGN ANUSVARA
\ue003>\u0c03; # SIGN VISARGA
\ue005>\u0c05; # LETTER A
\ue006>\u0c06; # LETTER AA
\ue007>\u0c07; # LETTER I
\ue008>\u0c08; # LETTER II
\ue009>\u0c09; # LETTER U
\ue00a>\u0c0a; # LETTER UU
\ue00b>\u0c0b; # LETTER VOCALIC R
\ue00c>\u0c0c; # LETTER VOCALIC L
\ue00d>\u0c0e; # FALBACK MAPPING
\ue00e>\u0c0e; # LETTER E
\ue00f>\u0c0f; # LETTER EE
\ue010>\u0c10; # LETTER AI
\ue011>\u0c12; # FALBACK MAPPING
\ue012>\u0c12; # LETTER O
\ue013>\u0c13; # LETTER OO
\ue014>\u0c14; # LETTER AU
\ue015>\u0c15; # LETTER KA
\ue016>\u0c16; # LETTER KHA
\ue017>\u0c17; # LETTER GA
\ue018>\u0c18; # LETTER GHA
\ue019>\u0c19; # LETTER NGA
\ue01a>\u0c1a; # LETTER CA
\ue01b>\u0c1b; # LETTER CHA
\ue01c>\u0c1c; # LETTER JA
\ue01d>\u0c1d; # LETTER JHA
\ue01e>\u0c1e; # LETTER NYA
\ue01f>\u0c1f; # LETTER TTA
\ue020>\u0c20; # LETTER TTHA
\ue021>\u0c21; # LETTER DDA
\ue022>\u0c22; # LETTER DDHA
\ue023>\u0c23; # LETTER NNA
\ue024>\u0c24; # LETTER TA
\ue025>\u0c25; # LETTER THA
\ue026>\u0c26; # LETTER DA
\ue027>\u0c27; # LETTER DHA
\ue028>\u0c28; # LETTER NA
\ue029>\u0c29; # REMAP (indicExceptions.txt): \u0c29>\u0c28 = LETTER NNNA>LETTER NA
\ue05a>\u0c17; # REMAP (indicExceptions.txt): \u0c5a>\u0c17 = LETTER GHHA>LETTER GA
\ue05b>\u0c1c; # REMAP (indicExceptions.txt): \u0c5b>\u0c1c = LETTER ZA>LETTER JA
\ue05c>\u0c22; # REMAP
\ue05d>\u0c22; # REMAP (indicExceptions.txt): \u0c5d>\u0c22 = LETTER RHA>LETTER DDHA
\ue05e>\u0c2b; # REMAP (indicExceptions.txt): \u0c5e>\u0c2b = LETTER FA>LETTER PHA
\ue05f>\u0c2f; # REMAP (indicExceptions.txt): \u0c5f>\u0c2f = LETTER YYA>LETTER YA
\ue060>\u0c60; # LETTER VOCALIC RR
\ue061>\u0c61; # LETTER VOCALIC LL
\ue062>\u0c62; # REMAP (indicExceptions.txt): \u0c62>\u0c62 = VOWEL SIGN VOCALIC L>VOWEL SIGN I
\ue063>\u0c63; # REMAP (indicExceptions.txt): \u0c63>\u0c63 = VOWEL SIGN VOCALIC LL>VOWEL SIGN II
\ue064>\u0c64; # Fallback FOR DANDA
\ue065>\u0c65; # Fallback FOR DOUBLE DANDA
\ue066>\u0c66; # DIGIT ZERO
\ue067>\u0c67; # DIGIT ONE
\ue068>\u0c68; # DIGIT TWO
\ue069>\u0c69; # DIGIT THREE
\ue06a>\u0c6a; # DIGIT FOUR
\ue06b>\u0c6b; # DIGIT FIVE
\ue06c>\u0c6c; # DIGIT SIX
\ue06d>\u0c6d; # DIGIT SEVEN
\ue06e>\u0c6e; # DIGIT EIGHT
\ue06f>\u0c6f; # DIGIT NINE
\ue070; # ABBREVIATION SIGN
\ue071>\u0c30; # LETTER RA WITH MIDDLE DIAGONAL
\ue072>\u0c30; # LETTER RA WITH LOWER DIAGONAL
\ue073; # RUPEE MARK
\ue074; # RUPEE SIGN
\ue075; # CURRENCY NUMERATOR ONE
\ue076; # CURRENCY NUMERATOR TWO
\ue077; # CURRENCY NUMERATOR THREE
\ue078; # CURRENCY NUMERATOR FOUR
\ue079; # CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\ue07a; # CURRENCY DENOMINATOR SIXTEEN
\ue07b; # ISSHAR
\ue07c; # TIPPI
\ue07d; # ADDAK
\ue07e; # IRI
\ue07f; # URA
\ue080; # EK ONKAR

0 > \u0c66; # Fallback FOR TAMIL
1 > \u0c67;

# :: NFC (NFD) ;
# eof
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Hiragana_Katakana.txt,v $
# $Date: 2002/03/02 00:27:27 $
# $Revision: 1.5 $

# note: a global filter is more efficient, but MUST include all source chars
:: [\u0000-\u007E \u3001-\u3002 \u3099-\u309C \u30A1-\u30FC \uFF61-\uFF9F][:Hiragana:][:Katakana:][:nonspacing mark:]];
:: NFKC();

# Hiragana-Katakana

# This is largely a one-to-one mapping, but it has a few kinks:

# 1. The Katakana va/vi/ve/vo (30F7-30FA) have no Hiragana equivalents. We use Hiragana wa/wi/we/wo
# (308F-3092) with a voicing mark (3099), which is semantically equivalent. However, this is a non-
# roundtripping transformation.

# 2. The Katakana small ka/ke (30F5,30F6) have no Hiragana equivaletns. We convert them to normal
# Hiragana ka/ke (304B,3051). This is a one-way
# information-losing transformation and precludes
# round-tripping of 30F5 and 30F6.

# 3. The combining marks 3099-309C are in the Hiragana block, but they apply to Katakana as well, so we
# leave them untouched.

# 4. The Katakana prolonged sound mark 30FC doubles the preceding vowel. This is a one-way information-
# losing transformation from Katakana to Hiragana.

# 5. The Katakana middle dot separates words in foreign expressions; we leave this unmodified.

# The above points preclude successful round-trip
# transformations of arbitrary input text. However,
# they provide naturalistic results that should conform
# to user expectations.

# Combining equivalents va/vi/ve/vo
<> ;
<> ;
<> ;
<> ;

# One-to-one mappings, main block
# 3041:3094 <> 30A1:30F4
# 309D,E <> 30FD,E
<> ;
<> ;
<> ;
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<> ;
# One-way Katakana-Hiragana xform of small K ka/ke to
# normal H ka/ke.
< ;
< ;
< ;
< ;

# Katakana followed by a prolonged sound mark 30FC has
# its final vowel doubled. This is a Katakana-Hiragana
# one-way information-losing transformation. We
# include the small Katakana (e.g., small A 3041) and
# do not distinguish them from their large
# counterparts. It doesn't make sense to double a
# small counterpart vowel as a small Hiragana vowel, so
# we don't do so. In natural text this should never
# occur anyway. If a 30FC is seen without a preceding
# vowel sound (e.g., after n 30F3) we do not change it.

### $long = ;

# The following categories are Hiragana, not Katakana
# as might be expected, since by the time we get to the
# 30FC, the preceding character will have already been
# transformed to Hiragana.

# {The following mechanically generated from the
# Unicode 3.0 data:}

$x = [ \\
   \\
   \\
   ];

$xi = [ \\
   \\
   \\
   ];

$xu = [ \\
   \\
   \\
   ];
$xe = [ \
    \ 
    \ 
    \ ];

$xo = [ \
    \ 
    \ 
    \ ];

< $xa {};
< $xi {};
< $xu {};
< $xe {};
< $xo {};

:: (NFKC) :

# note: a global filter is more efficient, but MUST include all source chars!!
:: ([\u0000-\u007E \u3001\u3002 \u3099-\u309C \u30A1-\u30FC \uFF61-\uFF9F[:Hiragana:] [:Katakana:] [:nonspacing mark:]])

# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Hiragana_Katakana.txt
No license file was found, but licenses were detected in source scan.

#---------------------------------------------------------------------------------
# Copyright (c) 1999-2003, International Business Machines
# Corporation and others. All Rights Reserved.
#---------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Fullwidth_Halfwidth.txt,v $ 
# $Date: 2003/06/03 18:49:33 $ 
# $Revision: 1.5 $ 
#---------------------------------------------------------------------------------

# Fullwidth-Halfwidth

# Mechanically generated from Unicode Character Database
# IDEOGRAPHIC SPACE then added, and
# FULLWIDTH MACRON changed to map to MACRON, not SPACE + COMBINING MACRON

# multicharacter
< >; # to KATAKANA LETTER GA
< >; # to KATAKANA LETTER GI
< >; # to KATAKANA LETTER GU
< >; # to KATAKANA LETTER GE
< >; # to KATAKANA LETTER GO
< >; # to KATAKANA LETTER ZA
< >; # to KATAKANA LETTER ZI
< >; # to KATAKANA LETTER ZU
< >; # to KATAKANA LETTER ZE
< >; # to KATAKANA LETTER ZO
< >; # to KATAKANA LETTER DA
< >; # to KATAKANA LETTER DI
< >; # to KATAKANA LETTER DU
< >; # to KATAKANA LETTER DE
< >; # to KATAKANA LETTER DO
< >; # to KATAKANA LETTER BA
< >; # to KATAKANA LETTER PA
< >; # to KATAKANA LETTER BI
< >; # to KATAKANA LETTER PI
< >; # to KATAKANA LETTER BU
< >; # to KATAKANA LETTER PU
< >; # to KATAKANA LETTER BE
< >; # to KATAKANA LETTER PE
< >; # to KATAKANA LETTER BO
< >; # to KATAKANA LETTER PO
< >; # to KATAKANA LETTER VU
< >; # to KATAKANA LETTER VA
< >; # to KATAKANA LETTER VO

# single character

< >; # to FULLWIDTH EXCLAMATION MARK
< >; # to FULLWIDTH QUOTATION MARK
< >; # to FULLWIDTH NUMBER SIGN
< >; # to FULLWIDTH DOLLAR SIGN
< >; # to FULLWIDTH PERCENT SIGN
< >; # to FULLWIDTH AMPERSAND
< >; # to FULLWIDTH APOSTROPHE
< >; # to FULLWIDTH LEFT PARENTHESIS
< >; # to FULLWIDTH RIGHT PARENTHESIS
< >; # to FULLWIDTH ASTERISK
< >; # to FULLWIDTH PLUS SIGN
< >; # to FULLWIDTH COMMA
< >; # to FULLWIDTH HYPHEN-MINUS
< >; # to FULLWIDTH FULL STOP
< >; # to FULLWIDTH SOLIDUS
< >; # to FULLWIDTH DIGIT ZERO
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_Fullwidth_Halfwidth.txt
No license file was found, but licenses were detected in source scan.

# Copyright (c) 1999-2001, International Business Machines
# Corporation and others. All Rights Reserved.
#
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Han_Latin.txt,v $
# $Date: 2002/12/11 23:18:04 $
# $Revision: 1.8 $
#
# Warning: does not do round-trip mapping!!

# Convert CJK characters
### :: (halfwidth-fullwidth);

$TerminalPunct = [\.]\[?]*[\[\[]\[:Pe:\][\[:Pf:\]];  
$InitialPunct = [\[:Ps:\][\[:Pi:\]]; 

# add space between any terminal punctuation and letters, and
# between letters and Han or initial punct

$TerminalPunct { } [:L:] > ' ';  
[:L:] { } [[Han:] $InitialPunct] > ' ';  

# below, the rules add space after ideographs. Remove that space before terminals
{ ' ' } $TerminalPunct > ;

# remove all spaces going backwards
### < ' ';

# Start RAW data for converting CJK characters
>shung\;
>zhung\;
>chuàng\;
>chung\;
>zhuàng\;
>chuáng\;
>zhung\;
>zhuàng\;
>zhuàng\;
>chung\;
>shung\;
>zhung\;
>zhung\;
>shung\;
>chuàng\;
>chuàng\;
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| quín |
| zhà |
| bo |
| bìn |
| kòu |
| cài |
| zn |
| què |
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# End RAW data for converting CJK characters

# fallbacks

## | yi < i;
## | wu < u;
## | bi < b;
## | ci < c;
## | di < d;
## | fu < f;
## | gu < g;
## | he < h;
## | ji < j;
## | ku < k;
## | li < l;
## | mi < m;
## | pi < p;
## | qi < q;
## | r
## | si < s;
## | ti < t;
## | f < v;
## | wa < w;
## | xi < x;
## | yi < y;
## | zi < z;

# filter out the half-width hangul
:: [^\uFFBE-\uFFEE] fullwidth-halfwidth ();
## :: (lower) ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Han_Latin.txt
No license file was found, but licenses were detected in source scan.

#----------------------------------------------------------------------------------
# Copyright (c) 1999-2001, International Business Machines
# Corporation and others. All Rights Reserved.
#----------------------------------------------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Gujarati_InterIndic.txt,v $
#$Date: 2002/09/19 18:11:23 $
#$Revision: 1.6 $
#----------------------------------------------------------------------------------

# Gujarati-InterIndic
#:: NFD (NFC) :
\u0a81>\ue001; # SIGN CANDRABINDU
\u0a82>\ue002; # SIGN ANUSVARA
\u0a83>\ue003; # SIGN VISARGA
\u0a85>\ue005; # LETTER A
\u0a86>\ue006; # LETTER AA
\u0a87>\ue007; # LETTER I
\u0a88>\ue008; # LETTER II
\u0a89>\ue009; # LETTER U
\u0a8a>\ue00a; # LETTER UU
\u0a8b>\ue00b; # LETTER VOCALIC R
\u0a8d>\ue00d; # VOWEL CANDRA E
\u0a8f>\ue00f; # LETTER E
\u0a90>\ue010; # LETTER AI
\u0a91>\ue011; # VOWEL CANDRA O
\u0a93>\ue013; # LETTER O
\u0a94>\ue014; # LETTER AU
\u0a95>\ue015; # LETTER KA
\u0a96>\ue016; # LETTER KHA
\u0a97>\ue017; # LETTER GA
\u0a98>\ue018; # LETTER GHA
# Copyright (c) 1999-2001, International Business Machines
# Corporation and others. All Rights Reserved.
#
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Gujarati_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:21 $
# $Revision: 1.8 $
#

# InterIndic-Latin
#\u0e00 reserved
#consonants
$chandrabindu=\ue001;
$anusvara=\ue002;
$visarga=\ue003;
#\u0e04 reserved
# w<vowel> represents the stand-alone form
$wa=\ue005;
$waa=\ue006;
$wi=\ue007;
$wii=\ue008;
$wu=\ue009;
$wuu=\ue00a;
$wr=\ue00b;
$wl=\ue00c;
$wce=\ue00d; # LETTER CANDRA E
$wse=\ue00e; # LETTER SHORT E
$we=\ue00f; # \u090f LETTER E

No license file was found, but licenses were detected in source scan.
$wai=\ue010;$
$wco=\ue011; # LETTER CANDRA O
$wso=\ue012; # LETTER SHORT O
$wo=\ue013; # \u0913 LETTER O
$wau=\ue014;
$ka=\ue015;
$kha=\ue016;
$ga=\ue017;
$gha=\ue018;
$nga=\ue019;
$sca=\ue01a;
$scha=\ue01b;
$sja=\ue01c;
$sjha=\ue01d;
$sny=\ue01e;
$tta=\ue01f;
$tha=\ue020;
$dda=\ue021;
$ddha=\ue022;
$mma=\ue023;
$tma=\ue024;
$tth=\ue025;
$tma=\ue026;
$tha=\ue027;
$na=\ue028;
$sena=\ue029; #compatibility
$pa=\ue02a;
$pha=\ue02b;
$ba=\ue02c;
$bha=\ue02d;
$ma=\ue02e;
$ya=\ue02f;
$ra=\ue030;
$rra=\ue031;
$la=\ue032;
$lla=\ue033;
$sela=\ue034; #compatibility
$va=\ue035;
$sha=\ue036;
$sasa=\ue037;
$saa=\ue038;
$sha=\ue039;
#\u093a Reserved
#\u093b Reserved
$mukta=\ue03c;
$avagraha=\ue03d; # SIGN AVAGRAHA
# <vowel> represents the dependent form
$aa=\ue03e;
$eight=\ue06e;  \# DIGIT EIGHT
$nine=\ue06f; \# DIGIT NINE

\# \u0970>; \# UNMAPPED ABBREVIATION SIGN
$depVowelAbove=[\ue03e-\ue040\ue045-\ue04c\ue045-\ue04c];
$depVowelBelow=[\ue041-\ue044];
\# $x was originally called '&'; $z was '%'
$x=[\$aa\$ai\$au\$ii\$i\$uu\$u\$rrh\$rh\$l\$llh\$e\$o\$se\$ce\$so\$co];
$z=[\text{bcdgfhjklnmpqrstuvwxyz}];
$vowels=[\text{aeiouu]}\];
$forceIndependentMatra = '[^\[:L:\][\u0300-\u034c]]';

######################################################################
# convert from Native letters to Latin letters
######################################################################
#translations for anusvara
$anusvara} [\$ka\$kha\$ga\$gha\$nga] > n\u0307;
$anusvara} [\$ca\$cha\$ja\$jha\$nya] > n\u0304;
$anusvara} [\$tta\$ttha\$dda\$ddha\$nna] > n\u0323;
$anusvara} [\$ta\$tha\$da\$dha\$na] > n      ;
$anusvara} [\$pa\$pha\$ba\$bha\$ma] > m      ;
$anusvara} [\$ya\$ra\$lla\$la\$va\$ssa\$sha\$sa\$ha\$sa\$sha] > n      ;
$anusvara> m\u0307;

# Urdu compatibility
$ya$nukta}$x        > y\u0307  ;
$ya$nukta$virama    > y\u0307  ;
$ya$nukta        > y\u0307a ;

$la$nukta }$x       > l\u0331  ;
$la$nukta$virama    > l\u0331  ;
$la$nukta        > l\u0331a ;

$na$nukta }$x       > n\u0331  ;
$na$nukta$virama    > n\u0331  ;
$na$nukta        > n\u0331a ;

$ena }$x            > n\u0331  ;
$ena$virama        > n\u0331  ;
$ena                > n\u0331a ;
$suka> qa       ;
$ka$nukta }$x       > q        ;
$ka$nukta$virama    > q        ;
$ka$nukta        > qa        ;
$kh$nukta }$x       > k\u0331h\u0331 ;
$kh$nukta$virama    > k\u0331h\u0331 ;
$kh$nukta        > k\u0331h\u0331a ;
$ukha$virama        > k\u0331h\u0331 ;
$ukha                > k\u0331h\u0331a ;
$ba$ $xa>b;
$ba$virama $b;
$ba>ba;

$bha$ $xa>bh;
$bha$virama $bh;
$bha>bha;

$ma$virama $ma>m";
$ma$ $xa>m;
$ma$virama $ma>m;
$ma>ma;

$ya$ $xa>y;
$ya$virama $y;
$ya>ya;
$sra$virama $sha>r";
$sra$ $xa>r;
$sra$virama $r;
$sra>ra;
$srra$virama $sha>r\u0331";
$srra$ $xa>r\u0331;
$srra$virama $r\u0331;
$srra>r\u0331a;
$sra$virama $sha>l";
$sra$ $xa>l;
$sra$virama $l;
$sra>la;
$slla$virama $sha>l\u0323";
$slla$ $xa>l\u0323;
$slla$virama $l\u0323;
$slla>l\u0323a;
$sya$ $xa>v;
$sya$virama $v;
$sya>va;
$sya$virama $sha>s";
$sya$virama $sha>s";
$sya$virama $sha>s";
$sya$virama $sha>s";
$sya$ $xa>s;
$sya$virama $s;

# for gurmukhi
$sa$nu$kta $xa $su0301;
$sa$nu$kta$virama $su0301;
$sa$nu$kta$virama $su0301a;
$sa>sa;
$sha$x>$u0301;
$sha$svirama>$u0301;
$sha>$u0301a;

$ssa$x>$u0323;
$ssa$svirama>$u0323;
$ssa>$u0323a;
$ha$x>$h;
$ha$svirama>$h;
$ha>$ha;

# dependent vowels (should never occur except following consonants)
$forceIndependentMatra{$aa  > \u0314a\u0304       ;
$forceIndependentMatra{$ai  > \u0314ai            ;
$forceIndependentMatra{$au  > \u0314au            ;
$forceIndependentMatra{$ii  > \u0314i\u0304       ;
$forceIndependentMatra{$i   > \u0314i             ;
$forceIndependentMatra{$uu  > \u0314u\u0304       ;
$forceIndependentMatra{$u   > \u0314u             ;
$forceIndependentMatra{$rrh > \u0314r\u0325\u0304 ;
$forceIndependentMatra{$rh  > \u0314r\u0325       ;
$forceIndependentMatra{$llh > \u0314l\u0325\u0304 ;
$forceIndependentMatra{$lh  > \u0314l\u0325       ;
$forceIndependentMatra{$e   > \u0314e\u0304       ;
$forceIndependentMatra{$o   > \u0314o\u0304       ;
#extra vowels
$forceIndependentMatra{$ce  > \u0314e\u0306       ;
$forceIndependentMatra{$co  > \u0314o\u0306       ;
$forceIndependentMatra{$se  > \u0314e             ;
$forceIndependentMatra{$so  > \u0314o             ;
$forceIndependentMatra{$nukta  >; # Nukta cannot appear independently or as first character
$forceIndependentMatra{$svirama  >; # Virama cannot appear independently or as first character
$aa  > \u0304       ;
$ai  > ai            ;
$au  > au            ;
$ii  > \u0304       ;
$i   > i             ;
$uu  > \u0304       ;
$u   > u             ;
$rrh > \u0325\u0304 ;
$rh  > \u0325       ;
$llh > \u0325\u0304 ;
$lh  > \u0325       ;
$e   > \u0304       ;
$o   > \u0304       ;
#extra vowels
$ce  > \u0306       ;
$co  > \u0306       ;
$se > e ;
$so > o ;

# dependent vowels when following independent vowels. Generally Illegal only for roundtripping
$waa} $x > a\u0304u0314 ;
$wai} $x > aiu0314 ;
$wau} $x > auu0314 ;
$wii} $x > iu0304u0314 ;
$wi } $x > iu0314 ;
$wuu} $x > uuu0304u0314 ;
$wu } $x > uuu0314 ;
$wr} $x > ru0325u0304u0314 ;
$wr | $x > ruu0325u0314 ;
$wll} $x > lru0325u0304u0314 ;
$wl } $x > lru0325u0314 ;
$we } $x > e\u0304u0314 ;
$wo } $x > ou0304u0314 ;
$wa } $x > a\u0304u0314 ;

# extra vowels
$wce} $x > e\u0306u0314 ;
$wco} $x > ou0306u0314 ;
$wse} $x > eu0314 ;
$wso} $x > ou0314 ;
$om} $x > "om\u0314 ;

# independent vowels when preceeded by vowels
$vowels{Swaa > "au0304 ;
$vowels{Swai > "ai ;
$vowels{Swau > "au ;
$vowels{Swii > "iu0304 ;
$vowels{Swi > "i ;
$vowels{Swuu > "uu0304 ;
$vowels{Swu > "u ;
$vowels{Swrr > "ru0325u0304 ;
$vowels{Swr > "ru0325 ;
$vowels{Swll > "lru0325u0304 ;
$vowels{Swl > "lru0325 ;
$vowels{Swe > "eu0304 ;
$vowels{Swo > "ou0304 ;
$vowels{Swa > "a ;

# extra vowels
$vowels{Swce > "eu0306 ;
$vowels{Swco > "ou0306 ;
$vowels{Swse > "e ;
$vowels{Swso > "o ;

# independent vowels (otherwise)
$waa > a\u0304 ;
$swai > ai ;
$wau > au    ;
$wii > i\u0304  ;
$wi > i      ;
$wuu > uu0304  ;
$wu > u      ;
$wrr > r\u0325\u0304    ;
$wr > r\u0325    ;
$wl > l\u0325\u0304    ;
$wl > l\u0325    ;
$we > e       ;
$wo > o       ;
$wa > a      ;

#extra vowels
$wce > e\u0306  ;
$wco > o\u0306  ;
$wse > e     ;
$wso > o     ;
$om > "om"     ;

#stress marks
$avagraha > \u0315;
$chandrabinduSanusvara>\u0303;
$chandrabindu > m\u0310;
$visarga>h\u0323;

#numbers
$zero > 0;
$one > 1;
$two > 2;
$three > 3;
$four > 4;
$five > 5;
$six > 6;
$seven > 7;
$eight > 8;
$nine > 9;
$l0m >;
$sailm >;
$saulm >;

$\u0070>;       # ABBREVIATION SIGN
$\u0071};$x>ra;
$\u0071};$virama>r;
$\u0071};$ra;

# LETTER RA WITH MIDDLE DIAGONAL

# LETTER RA WITH LOWER DIAGONAL
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Latin.txt
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# Copyright (c) 1999-2001, International Business Machines
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# Devanagari-InterIndic
# :: NFD;
#Rules for Decomposed characters
No license file was found, but licenses were detected in source scan.

#--
# Copyright (c) 1999-2001, International Business Machines
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#--
#
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Tamil_InterIndic.txt,v$
#$Date: 2002/07/25 21:20:26$
#$Revision: 1.8$
#
#---

# Tamil-InterIndic
#: NFD (NFC);

\u0BC6\u0BBE>\uE04A; # VOWEL SIGN O
\u0BC7\u0BBE>\uE04B; # VOWEL SIGN OO
\u0BC6\u0BD7>\uE04C; # VOWEL SIGN AU
\u0B89\u0BD7>\uE014; # LETTER AU
\u0B82>\uE002; # SIGN ANUSVARA
\u0B83>\uE003; # SIGN VISARGA
\u0B85>\uE005; # LETTER A
\u0B86>\uE006; # LETTER AA
\u0B87>\uE007; # LETTER I
\u0B88>\uE008; # LETTER II
\u0B89>\uE009; # LETTER U
\u0B8A>\uE00A; # LETTER UU
\u0B8E>\uE00E; # LETTER E
\u0B8F>\uE00F; # LETTER EE
\u0B90>\uE010; # LETTER AI
\u0B92>\uE012; # LETTER O
\u0B93>\uE013; # LETTER OO
\u0B94>\uE014; # LETTER AU
\u0B95>\uE015; # LETTER KA
\u0B99>\uE019; # LETTER NGA
\u0B9A>\uE01A; # LETTER CA
\u0B9C>\uE01C; # LETTER JA
\u0B9E>\uE01E; # LETTER NYA
\u0B9F>\uE01F; # LETTER TTA
\u0BA3>\uE023; # LETTER NNA
\u0BA4>\uE024; # LETTER TA
\u0BA8>\uE028; # LETTER NA
\u0BA9>\uE029; # LETTER NNNA
\u0BAA>\uE02A; # LETTER PA
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Tamil_InterIndic.txt
No license file was found, but licenses were detected in source scan.

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#-----------------------------------------------------------------------------------
# Gurmukhi-InterIndic
#: NFD (NFC);

#\u0A16\u0A3C>\uE059; # LETTER KHHA
#\u0A17\u0A3C>\uE05A; # LETTER GHHA
#\u0A1C\u0A3C>\uE05B; # LETTER ZA
#\u0A38\u0A3C>\uE036; # LETTER SHA
#\u0A32\u0A3C>\uE033; # LETTER LLA
#\u0A2B\u0A3C>\uE05E; # LETTER FA

\u0A02>\uE002; # SIGN Bindi
\u0A05>\uE005; # LETTER A
\u0A06>\uE006; # LETTER AA
\u0A07>\uE007; # LETTER I
\u0A08>\uE008; # LETTER II
\u0A09>\uE009; # LETTER U
\u0A0A>\uE00A; # LETTER UU
\u0A0C>\uE032; # Fallback: Vocallic LA
\u0A0F>\uE00F; # LETTER EE
\u0A10>\uE010; # LETTER AI
\u0A13>\uE013; # LETTER OO
\u0A14>\uE014; # LETTER AU
\u0A15>\uE015; # LETTER KA
\u0A16>\uE016; # LETTER KHA
\u0A17>\uE017; # LETTER GA
\u0A18>\uE018; # LETTER GHA
\u0A19>\uE019; # LETTER NGA
\u0A1A>\uE01A; # LETTER CA
\u0A1B>\uE01B; # LETTER CHA
\u0A1C>\uE01C; # LETTER JA
\u0A1D>\uE01D; # LETTER JHA
\u0A1E>\uE01E; # LETTER NYA
\u0A1F>\uE01F; # LETTER TTA
\u0A20>\uE020; # LETTER TTHA
\u0A21>\uE021; # LETTER DDA
\u0A22>\uE022; # LETTER DDHA
\u0A23>\uE023; # LETTER NNA
\u0A24>\uE024; # LETTER TA
\u0A25>\uE025; # LETTER THA
\u0A26>\uE026; # LETTER DA
\u0A27>\uE027; # LETTER DHA
\u0A28>\uE028; # LETTER NA
\u0A29>\uE029; # LETTER PA
\u0A2B; \uE02B; # LETTER PHA
\u0A2C; \uE02C; # LETTER BA
\u0A2D; \uE02D; # LETTER BHA
\u0A2E; \uE02E; # LETTER MA
\u0A2F; \uE02F; # LETTER YA
\u0A30; \uE030; # LETTER RA
\u0A32; \uE032; # LETTER LA
\u0a33; \uE033; # FALLBACK
\u0A35; \uE035; # LETTER VA
\u0a36; \uet036; # FALLBACK
\u0A38; \uE038; # LETTER SA
\u0A39; \uE039; # LETTER HA
\u0A3C; \uE03C; # SIGN NUKTA
\u0A3E; \uE03E; # VOWEL SIGN AA
\u0A40; \uE040; # VOWEL SIGN I
\u0A41; \uE041; # VOWEL SIGN U
\u0A42; \uE042; # VOWEL SIGN UU
\u0A47; \uE047; # VOWEL SIGN EE
\u0A48; \uE048; # VOWEL SIGN AI
\u0A4B; \uE04B; # VOWEL SIGN OO
\u0A4C; \uE04C; # VOWEL SIGN AU
\u0A4D; \uE04D; # SIGN VIRAMA
\u0A5C; \uE05C; # LETTER RRA
\u0A66; \uE066; # DIGIT ZERO
\u0A67; \uE067; # DIGIT ONE
\u0A68; \uE068; # DIGIT TWO
\u0A69; \uE069; # DIGIT THREE
\u0A6A; \uE06A; # DIGIT FOUR
\u0A6B; \uE06B; # DIGIT FIVE
\u0A6C; \uE06C; # DIGIT SIX
\u0A6D; \uE06D; # DIGIT SEVEN
\u0A6E; \uE06E; # DIGIT EIGHT
\u0A6F; \uE06F; # DIGIT NINE
\u0A70; \uE070; # TIPPI
\u0A71; \uE071; # ADDAK
\u0A72; \uE072; # IRI
\u0A73; \uE073; # URA
\u0A74; \uE074; # EK ONKAR
\u0964; \ue064; # DANDA
\u0965; \ue065; # DOUBLE DANDA
# :: NFC (NFD) ;
# eof

Found in path(s):
No license file was found, but licenses were detected in source scan.

#----------------------------------------------------------------------------------
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#----------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Tamil.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#----------------------------------------------------------------------------------

# InterIndic-Tamil
#: NFD (NFC) :
\ue001>\u0b82; # FALLBACK SIGN CANDRABINDU
\ue002>\u0b82; # SIGN ANUSVARA
\ue003>\u0b83; # SIGN VISARGA
\ue005>\u0b85; # LETTER A
\ue006>\u0b86; # LETTER AA
\ue007>\u0b87; # LETTER I
\ue008>\u0b88; # LETTER II
\ue009>\u0b89; # LETTER U
\ue00a>\u0b8a; # LETTER UU
\ue00b>\u0b8b0\u0b9f; # REMAP (indicExceptions.txt): \u0b8b0\u0b9f = LETTER VOCALIC R>LETTER RA. VOWEL SIGN I
\ue00c>\u0b87; # REMAP (indicExceptions.txt): \u0b8c0\u0b9f = LETTER VOCALIC L>LETTER I
\ue00d>\u0b8c; # FALLBACK
\ue00e>\u0b8d; # LETTER E
\ue00f>\u0b8e; # LETTER EE
\ue010>\u0b8f; # LETTER AI
\ue011>\u0b90; # Fallback
\ue012>\u0b91; # LETTER O
\ue013>\u0b92; # LETTER OO
\ue014>\u0b93; # LETTER AU
\ue015>\u0b94; # LETTER KA
\ue016>\u0b95; # REMAP (indicExceptions.txt): \u0b96>\u0b95 = LETTER KHA>LETTER KA
\ue017>\u0b95; # REMAP (indicExceptions.txt): \u0b97>\u0b95 = LETTER GA>LETTER KA
\ue018>\u0b95; # REMAP (indicExceptions.txt): \u0b98>\u0b95 = LETTER GHA>LETTER KA
\ue019>\u0b99; # LETTER NGA
\ue01a>\u0b9a; # LETTER CA
\ue01b>\u0b9a; # REMAP (indicExceptions.txt): \u0b9b>\u0b9a = LETTER CHA>LETTER CA
\ue01c>\u0b9c; # LETTER JA
\ue01d>\u0b9a; # REMAP (indicExceptions.txt): \u0b9d>\u0b9a = LETTER JHA>LETTER CA
\ue01e>\u0b9e; # LETTER NYA
\ue01f>\u0b9f; # LETTER TTA
\ue020>\u0b9f; # REMAP (indicExceptions.txt): \u0ba0>\u0b9f = LETTER TTHA>LETTER TTA
\ue021>\u0b9f; # REMAP (indicExceptions.txt): \u0ba1>\u0b9f = LETTER DDA>LETTER TTA
REMAPPING IN indicExceptions.txt:

- LETTER DDHA>LETTER TTA
- LETTER THA>LETTER TA
- LETTER DA>LETTER TA
- LETTER DHA>LETTER TA
- LETTER NA
- LETTER NNNA
- LETTER PA
- LETTER PHA>LETTER PA
- LETTER BA>LETTER PA
- LETTER BHA>LETTER PA
- LETTER MA
- LETTER YA
- LETTER RA
- LETTER LRA
- LETTER LA
- LETTER LLA
- LETTER LLLA
- VOWEL SIGN AA
- VOWEL SIGN I
- VOWEL SIGN II
- VOWEL SIGN U
- VOWEL SIGN UU
- VOWEL SIGN CANDRA E
- VOWEL SIGN CANDRA O
- VOWEL SIGN E
- VOWEL SIGN EE
- VOWEL SIGN AI
- VOWEL SIGN O
Open Source Used In Data Center Network Manager 11.5(1)  24079
1000 >\u0BF2; # NUMBER ONE THOUSAND
100 >\u0BF1; # NUMBER ONE HUNDRED
10 >\u0BF0; # NUMBER TEN

# :: NFC (NFD)
# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Tamil.txt
No license file was found, but licenses were detected in source scan.

#--------------------------------------------------------------------
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#--------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Latin_Jamo.txt,v $
# $Date: 2002/03/02 00:27:27 $
# $Revision: 1.5 $
#--------------------------------------------------------------------

#- N.B. DO NOT put any filters, NFD, etc. here -- those are aliased in
#- the INDEX file. This transliterator is, by itself, not
#- instantiated. It is used as a part of Latin-Jamo, Latin-Hangul, or
#- inverses thereof.

# Transliteration from Latin characters to Korean script is done in
# two steps: Latin to Jamo, then Jamo to Hangul. The Jamo-Hangul
# transliteration is done algorithmically following Unicode 3.0
# section 3.11. This file implements the Latin to Jamo
# transliteration using rules.

# Jamo occupy the block 1100-11FF. Within this block there are three
# groups of characters: initial consonants or choseong (I), medial
# vowels or jungseong (M), and trailing consonants or jongseong (F).
# Standard Korean syllables are of the form I+M+F*.

# Section 3.11 describes the use of 'filler' jamo to convert
# nonstandard syllables to standard form: the choseong filler 115F and
# the junseong filler 1160. In this transliterator, we will not use
# 115F or 1160.

# We will, however, insert two 'null' jamo to make foreign words
# conform to Korean syllable structure. These are the null initial
# consonant 110B (IEUNG) and the null vowel 1173 (EU). In Latin text,
# we will use the separator in order to disambiguate strings,
# e.g. "kan-ggan" (initial GG) vs. "kanggan" (final NG + initial G).

# We will not use all of the characters in the jamo block. We will
# only use the 19 initials, 21 medials, and 27 finals possessing a
# jamo short name as defined in section 4.4 of the Unicode book.

# Rules of thumb. These guidelines provide the basic framework
# for the rules. They are phrased in terms of Latin-Jamo transliteration.
# The Jamo-Latin rules derive from these, since the Jamo-Latin rules are
# just context-free transliteration of jamo to corresponding short names,
# with the addition of separators to maintain round-trip integrity
# in the context of the Latin-Jamo rules.

# A sequence of vowels:
# - Take the longest sequence you can. If there are too many, or you don't
#   have a starting consonant, introduce a 110B necessary.

# A sequence of consonants.
# - First join the double consonants: G + G -> GG
# - In the remaining list,
#   - If there is no preceding vowel, take the first consonant, and insert EU
#     after it. Continue with the rest of the consonants.
#   - If there is one consonant, attach to the following vowel
#   - If there are two consonants and a following vowel, attach one to the
#     preceding vowel, and one to the following vowel.
#   - If there are more than two consonants, join the first two together if you
#     can: L + G => LG
#   - If you still end up with more than 2 consonants, insert EU after the
#     first one, and continue with the rest of the consonants.

#-----------------------------------------------
# Variables

# Some latin consonants or consonant pairs only occur as initials, and
# some only as finals, but some occur as both. This makes some jamo
# consonants ambiguous when transliterated into latin.
# Initial only: IEUNG BB DD JJ R
# Final only: BS GS L LB LH LM LP LS LT NG NH NJ
# Initial and Final: B C D G GG H J K M N P S SS T

$Gi = \u1100;
$GGi = \u1101;
$Ni = \u1102;
$Di = \u1103;
$DD = \u1104;
$R = \u1105;
$Mi = \u1106;
$Bi = \u1107;
$BB = \u1108;
$SSi = \u1109;
$SSSi = \u110A;
$IEUNG = \u110B; # null initial, inserted during Latin-Jamo
$Ji = \u110C;
$JJ = \u110D;
$Ci = \u110E;
$Ki = \u110F;
$Ti = \u1110;
$Pi = \u1111;
$Hi = \u1112;

$A = \u1161;
$AE = \u1162;
$YA = \u1163;
$YAE = \u1164;
$EO = \u1165;
$E = \u1166;
$YEO = \u1167;
$YE = \u1168;
$O = \u1169;
$WA = \u116A;
$WAE = \u116B;
$OE = \u116C;
$YO = \u116D;
$U = \u116E;
$WEO = \u116F;
$WE = \u1170;
$WI = \u1171;
$YU = \u1172;
$EU = \u1173; # null medial, inserted during Latin-Jamo
$YI = \u1174;
$I = \u1175;

$Gf = \u11A8;
\$GGf = \u11A9;
\$GS = \u11AA;
\$Nf = \u11AB;
\$NJ = \u11AC;
\$NH = \u11AD;
\$Df = \u11AE;
\$L = \u11AF;
\$LG = \u11B0;
\$LM = \u11B1;
\$LB = \u11B2;
\$LS = \u11B3;
\$LT = \u11B4;
\$LP = \u11B5;
\$SLH = \u11B6;
\$MF = \u11B7;
\$BF = \u11B8;
\$BS = \u11B9;
\$SF = \u11BA;
\$SSF = \u11BB;
\$NG = \u11BC;
\$JF = \u11BD;
\$CF = \u11BE;
\$KF = \u11BF;
\$TF = \u11C0;
\$PF = \u11C1;
\$HF = \u11C2;

\$jamoinitial = \[\u1100-\u1112\];

\$jamomedial = \[\u1161-\u1175\];

\$latininitial = \[bcdghjkmnprst\];

# Any character in the latin transliteration of a medial
\$latinmedial = \[aeiouwy\];

# The last character of the latin transliteration of a medial
\$latinmedialend = \[aeiou\];

# Disambiguation separator
\$sep = \';

#---------------------------------------------
# Jamo-Latin

# Jamo to latin is relatively simple, since it is the latin that is
# ambiguous. Most rules are straightforward, and we encode them below
# as simple add-on back rule, e.g.
# $jamoMedial {bs} > SBS;

# becomes

# $jamoMedial {bs} <> SBS;

# Furthermore, we don't care about the ordering for Jamo-Latin because
# we are going from single characters, so we can very easily piggyback
# on the Latin-Jamo.

# The main issue with Jamo-Latin is when to insert separators.
# Separators are inserted to obtain correct round trip behavior. For
# example, the sequence Ki A Gf Gi E, if transliterated to "kagge",
# would then round trip to Ki A GGi E. To prevent this, we insert a
# separator: "kag-ge". IMPORTANT: The need for separators depends
# very specifically on the behavior of the Latin-Jamo rules. A change
# in the Latin-Jamo behavior can completely change the way the
# separator insertion must be done.

# First try to preserve actual separators in the jamo text by doubling
# them. This fixes problems like:
# -- if we don't care about losing separators in the jamo, we can delete
# this rule.

$sep $sep <> $sep;

# Triple consonants. For three consonants "axx" we insert a
# separator between the first and second "x" if XXf, Xf, and Xi all
# exist, and we have A Xf XXi. This prevents the reverse
# transliteration to A XXf Xi.

$sep < $latinMedialEnd g {} $GGi;
$sep < $latinMedialEnd s {} $SSi;

# For vowels the rule is similar. If there is a vowel "ae" such that
# "a" by itself and "e" by itself are vowels, then we want to map A E
# to "a-e" so as not to round trip to AE. However, in the text Ki EO
# IEUNG E we don't need to map to "keo-e". "keoe" suffices. For
# vowels of the form "aei", both "ae" + "i" and "a" + "ei" must be
# tested. NOTE: These rules used to have a left context of
# $latinInitial instead of \[^$latinMedial\]. The problem with this is
# sequences where an initial IEUNG is transliterated away:
# (IEUNG)(A)(IEUNG)(EO) => aeo => (IEUNG)(AE)(IEUNG)(O)

$sep < \[^$latinMedial\] [y w] e {} [SO SOE];
$sep < [\^\$latinMedial] e {} [SO SOE SU];
$sep < [\^\$latinMedial] [o a] {} [SE SEO SEU];
$sep < [\^\$latinMedial] [w y] a {} [SE SEO SEU];

# Similar to the above, but with an intervening $IEUNG.

$sep < [\^\$latinMedial] [y w] e {} $IEUNG [SO SOE];
$sep < [\^\$latinMedial] e {} $IEUNG [SO SOE SU];
$sep < [\^\$latinMedial] [o a] {} $IEUNG [SE SEO SEU];
$sep < [\^\$latinMedial] [w y] a {} $IEUNG [SE SEO SEU];

# Single finals followed by IEUNG. The jamo sequence A Xi IEUNG E,
# where Xi also exists, must be transliterated as 'ax-e' to prevent
# the round trip conversion to A Xi E.

$sep < $latinMedialEnd b {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd c {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd d {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd h {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd j {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd k {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd m {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd p {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd s {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd t {} $IEUNG $jamoMedial;

# Double finals followed by IEUNG. Similar to the single finals
# followed by IEUNG. Any latin consonant pair X Y, between medials,
# that we would split by Latin-Jamo, we must handle when it occurs as
# part of A XYf IEUNG E, to prevent round trip conversion to A Xi Yi
# E.

$sep < $latinMedialEnd b s {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g g {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g s {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l b {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l g {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l h {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l m {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l p {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l s {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l t {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n g {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n h {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n j {} $IEUNG $jamoMedial;
$sep < $latinMedialEnd s s {} $IEUNG $jamoMedial;
# Split doubles. Text of the form A Xi Xf E, where XXi also occurs,
# we transliterate as "ax-xe" to prevent round trip transliteration as
# A XXi E.

$$\text{sep} < \text{latinMedialEnd b \{\}} \text{Si} \text{jamoMedial};
$$\text{sep} < \text{latinMedialEnd d \{\}} \text{Si} \text{jamoMedial};
$$\text{sep} < \text{latinMedialEnd j \{\}} \text{Si} \text{jamoMedial};
$$\text{sep} < \text{latinMedialEnd g \{\}} \text{Si} \text{jamoMedial};
$$\text{sep} < \text{latinMedialEnd s \{\}} \text{Si} \text{jamoMedial};

# XYY. This corresponds to the XYY rule in Latin-Jamo. By default
# Latin-Jamo maps "xyy" to Xf YYi, to keep YY together. As a result,
# "xyy" forms that correspond to XYf Yi must be transliterated as
# "xy-y".

$$\text{sep} < \text{latinMedialEnd b s \{\}} \text{Si} \text{SSi};
$$\text{sep} < \text{latinMedialEnd g s \{\}} \text{Si} \text{SSi};
$$\text{sep} < \text{latinMedialEnd l b \{\}} \text{Bi} \text{BB};
$$\text{sep} < \text{latinMedialEnd l g \{\}} \text{Gi} \text{GGi};
$$\text{sep} < \text{latinMedialEnd l s \{\}} \text{Si} \text{SSi};
$$\text{sep} < \text{latinMedialEnd n g \{\}} \text{Gi} \text{GGi};
$$\text{sep} < \text{latinMedialEnd n j \{\}} \text{Ji} \text{JJ};

# Deletion of IEUNG is handled below.

#----------------------------------------------------------------------
# Latin-Jamo
# [Basic, context-free Jamo-Latin rules are embedded here too. See
# # above.]

# Split digraphs: Text of the form 'axye', where 'xy' is a final
digraph, 'x' is a final (by itself), 'y' is an initial, and 'a' and
# 'e' are medials, we want to transliterate this as A Xf Yi E rather
# than A XYf IEUNG E. We do NOT include text of the form "axxe",
# since that is handled differently below. These rules are generated
# programmatically from the jamo data.

$\text{jamoMedial} \{b s\} \text{latinMedial} > \text{SBf \$Si};
$\text{jamoMedial} \{g s\} \text{latinMedial} > \text{SGf \$Si};
$\text{jamoMedial} \{l b\} \text{latinMedial} > \text{SL \$Bi};
$\text{jamoMedial} \{l g\} \text{latinMedial} > \text{SL \$Gi};
$\text{jamoMedial} \{l h\} \text{latinMedial} > \text{SL \$Hi};
$\text{jamoMedial} \{l m\} \text{latinMedial} > \text{SL \$Mi};
$\text{jamoMedial} \{l p\} \text{latinMedial} > \text{SL \$Pi};
$\text{jamoMedial} \{l s\} \text{latinMedial} > \text{SL \$Si};
$\text{jamoMedial} \{l t\} \text{latinMedial} > \text{SL \$Ti};
\$\text{jamoMedial \{n \ g\}} \text{\latinMedial > \$Nf \ $Gi};
\$\text{jamoMedial \{n \ h\}} \text{\latinMedial > \$Nf \ $Hi};
\$\text{jamoMedial \{n \ j\}} \text{\latinMedial > \$Nf \ $Ji};

# Single consonants are initials. Text of the form 'axe', where 'x'
# can be an initial or a final, and 'a' and 'e' are medials, we want
# to transliterate as A Xi E rather than A Xf IEUNG E.

\$\text{jamoMedial \{b\}} \text{\latinMedial > \$Bi};
\$\text{jamoMedial \{c\}} \text{\latinMedial > \$Ci};
\$\text{jamoMedial \{d\}} \text{\latinMedial > \$Di};
\$\text{jamoMedial \{g\}} \text{\latinMedial > \$Gi};
\$\text{jamoMedial \{h\}} \text{\latinMedial > \$Hi};
\$\text{jamoMedial \{j\}} \text{\latinMedial > \$Ji};
\$\text{jamoMedial \{k\}} \text{\latinMedial > \$Ki};
\$\text{jamoMedial \{m\}} \text{\latinMedial > \$Mi};
\$\text{jamoMedial \{n\}} \text{\latinMedial > \$Ni};
\$\text{jamoMedial \{p\}} \text{\latinMedial > \$Pi};
\$\text{jamoMedial \{s\}} \text{\latinMedial > \$Si};
\$\text{jamoMedial \{t\}} \text{\latinMedial > \$Ti};

# Doubled initials. The sequence "axxe", where XX exists as an initial
# (XXi), and also Xi and Xf exist (true of all digraphs XX), we want
# to transliterate as A XXi E, rather than split to A Xf Xi E.

\$\text{jamoMedial \{b \ b\}} \text{\latinMedial > \$BB};
\$\text{jamoMedial \{d \ d\}} \text{\latinMedial > \$DD};
\$\text{jamoMedial \{j \ j\}} \text{\latinMedial > \$JJ};
\$\text{jamoMedial \{g \ g\}} \text{\latinMedial > \$GGi};
\$\text{jamoMedial \{s \ s\}} \text{\latinMedial > \$SSi};

# XYY. Because doubled consonants bind more strongly than XY
# consonants, we must handle the sequence "axyy" specially. Here XYf
# and YYi must exist. In these cases, we map to Xf YYi rather than
# XYf.

\$\text{jamoMedial \{b \ s \ s\}} \text{\latinMedial > \$Bf};
\$\text{jamoMedial \{g \ s \ s\}} \text{\latinMedial > \$Gf};
\$\text{jamoMedial \{l \ b \ b\}} \text{\latinMedial > \$L};
\$\text{jamoMedial \{l \ g \ g\}} \text{\latinMedial > \$L};
\$\text{jamoMedial \{l \ s \ s\}} \text{\latinMedial > \$L};
\$\text{jamoMedial \{n \ g \ g\}} \text{\latinMedial > \$Nf};
\$\text{jamoMedial \{n \ j \ j\}} \text{\latinMedial > \$Nf};

# Finals. Attach consonant with preceding medial to preceding medial.
# Do this BEFORE mapping consonants to initials. Longer keys must
# precede shorter keys that they start with, e.g., the rule for 'bs'
# must precede 'b'.
# [BASIC Jamo-Latin FINALS handled here. Order irrelevant within this
# block for Jamo-Latin.]

\$jallowMedial {bs} <> \$BS;
\$jallowMedial {b} <> \$Bf;
\$jallowMedial {c} <> \$Cf;
\$jallowMedial {d} <> \$Df;
\$jallowMedial {gg} <> \$GGf;
\$jallowMedial {gs} <> \$GS;
\$jallowMedial {g} <> \$Gf;
\$jallowMedial {h} <> \$Hf;
\$jallowMedial {j} <> \$Jf;
\$jallowMedial {k} <> \$Kf;
\$jallowMedial {lb} <> \$LB;  $jallowMedial {lg} <> \$LG;
\$jallowMedial {lh} <> \$LH;
\$jallowMedial {lm} <> \$LM;
\$jallowMedial {lp} <> \$LP;
\$jallowMedial {ls} <> \$LS;
\$jallowMedial {lt} <> \$LT;
\$jallowMedial {l} <> \$L;
\$jallowMedial {m} <> \$Mf;
\$jallowMedial {ng} <> \$NG;
\$jallowMedial {nh} <> \$NH;
\$jallowMedial {nj} <> \$NJ;
\$jallowMedial {n} <> \$Nf;
\$jallowMedial {p} <> \$Pf;
\$jallowMedial {ss} <> \$SSf;
\$jallowMedial {s} <> \$Sf;
\$jallowMedial {t} <> \$Tf;

# Initials: Attach single consonant to following medial. Do this
# AFTER mapping finals. Longer keys must precede shorter keys that
# they start with, e.g., the rule for 'gg' must precede 'g'.

# [BASIC Jamo-Latin INITIALS handled here. Order irrelevant within
# this block for Jamo-Latin.]

{gg} $latinMedial <> $GGi;
{g} $latinMedial <> $Gi;
{n} $latinMedial <> $Ni;
{dd} $latinMedial <> $DD;
{d} $latinMedial <> $Di;
{r} $latinMedial <> $Ri;
{m} $latinMedial <> $Mi;
{bb} $latinMedial <> $Bi;
{b} $latinMedial <> $Bi;
{ss} $latinMedial <> $Si;
'r' in final position. Because of the equivalency of the 'l' and 'r' jamo (the glyphs are the same), we try to provide the same equivalency in Latin-Jamo. The 'l' to 'r' conversion is handled below. If we see an 'r' in an apparent final position, treat it like 'T'. For example, "karka" => Ki A R EU Ki A without this rule. Instead, we want Ki A L Ki A.

$\text{jamoMedial} \{r\} \text{latinInitial} > | l;

# Initial + Final: If we match the next rule, we have initial then final consonant with no intervening medial. We insert the null vowel BEFORE it to create a well-formed syllable. (In the next rule we insert a null vowel AFTER an anomalous initial.)

$\text{jamoInitial} \{\} \text{[bcdghjklmnprst]} > $EU;

# Initial + X: This block matches an initial consonant not followed by a medial. We insert the null vowel after it. We handle double initials explicitly here; for single initial consonants we insert EU (as Latin) after them and let standard rules do the rest.

# BREAKS ROUND TRIP INTEGRITY

gg > $GGi $EU;
bd > $BB $EU;
ss > $SSi $EU;
jj > $JJ $EU;

([bcdghjkmnprst]) > | $1 eu;

# X + Final: Finally we have to deal with a consonant that can only be interpreted as a final (not an initial) and which is preceded neither by an initial nor a medial. It is the start of the syllable, but cannot be. Most of these will already be handled by the above rules. 'bs' splits into Bi EU Sf. Similar for 'gs'-'ing' 'nh'-'nj'. The only problem is 'T' and digraphs starting with 'T'. For this isolated case, we could add a null initial and medial, which would give "la" => IEUNG EU L IEUNG A, for example. A more
# economical solution is to transliterate isolated "l" (that is, initial "l") to "r". (Other similar conversions of consonants that occur neither as initials nor as finals are handled below.)

1 > | r;

# Medials. If a medial is preceded by an initial, then we proceed normally. As usual, longer keys must precede shorter ones.

# [BASIC Jamo-Latin MEDIALS handled here. Order irrelevant within this block for Jamo-Latin.]

```bash
$jaMoInitial {ae} <> $AE;
$jaMoInitial {a} <> $A;
$jaMoInitial {eo} <> $EO;
$jaMoInitial {eu} <> $EU;
$jaMoInitial {e} <> $E;
$jaMoInitial {i} <> $I;
$jaMoInitial {oe} <> $OE;
$jaMoInitial {o} <> $O;
$jaMoInitial {u} <> $U;
$jaMoInitial {wae} <> $WAE;
$jaMoInitial {wa} <> $WA;
$jaMoInitial {weo} <> $WEO;
$jaMoInitial {we} <> $WE;
$jaMoInitial {wi} <> $WI;
$jaMoInitial {yae} <> $YAE;
$jaMoInitial {ya} <> $YA;
$jaMoInitial {yoe} <> $YEO;
$jaMoInitial {ye} <> $YE;
$jaMoInitial {yi} <> $YI;
$jaMoInitial {yo} <> $YO;
$jaMoInitial {yu} <> $YU;
```

# We may see an anomalous isolated 'w' or 'y'. In that case, we interpret it as 'wi' and 'yu', respectively.

# BREAKS ROUND TRIP INTEGRITY

```bash
$jaMoInitial {w} > | wi;
$jaMoInitial {y} > | yu;
```

# Otherwise, insert a null consonant IEUNG before the medial (which is still an untransliterated latin vowel).

```bash
($latinMedial) > $IEUNG | $1;
```

# Convert non-jamo latin consonants to equivalents. These occur as
# neither initials nor finals in jamo. ‘T’ occurs as a final, but not
# an initial; it is handled above. The following letters (left hand
# side) will never be output by Jamo-Latin.

f > | p;
q > | k;
v > | b;
x > | ks;
z > | s;

# Delete separators (Latin-Jamo).

$sep > ;

# Delete null consonants (Jamo-Latin). Do NOT delete null EU vowels,
# since these may also occur in text.

< $IEUNG;

#- N.B. DO NOT put any filters, NFD, etc. here -- those are aliased in
#- the INDEX file. This transliterator is, by itself, not
#- instantiated. It is used as a part of Latin-Jamo, Latin-Hangul, or
#- inverses thereof.

# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Latin_Jamo.txt
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#---------------------------------------------------------------
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#---------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Arabic_Latin.txt,v $
# $Date: 2002/07/15 23:26:26 $
# $Revision: 1.3 $
#---------------------------------------------------------------

# Generally follows UNGEGN <http://www.eki.ee/wgrs/rom1_ar.pdf>
# a) where required for disambiguation.
# b) with underdot instead of cedilla for letter like SAD, since
#   those are explicitly in Unicode for transliteration.
# c) with extra non-Arabic-language letters, like PEH

# Does *not* do assimilation of "al", nor hyphenation.
While it could be done, we need to determine whether a prefix "al" could occur other than as the definite article (since no space is used).

:: [[[:Arabic:] [u060C\u061B\u061F\u0640\u064B-\u0655\u0660-\u066C\u06F0-\u06F9\uFDFC]] ;
:: NFC (NFC);
$disambig = ;
$disambig2 = ;
$under = ;

$nnotAbove = [[:^ccc=0:]&[:^ccc=230:]];

# non-letters

<> '.' $disambig ; # ARABIC DECIMAL SEPARATOR
<> '.' $disambig ; # ARABIC THOUSANDS SEPARATOR
#  <> ; # ARABIC FIVE POINTED STAR // no need to transliterate

<> ' ' ; # ARABIC COMMA
<> ' ' ; # ARABIC SEMICOLON
<> '?' ; # ARABIC QUESTION MARK
<> '%' ; # ARABIC PERCENT SIGN

<> 0 $disambig ; # EXTENDED ARABIC-INDIC DIGIT ZERO
<> 1 $disambig ; # EXTENDED ARABIC-INDIC DIGIT ONE
<> 2 $disambig ; # EXTENDED ARABIC-INDIC DIGIT TWO
<> 3 $disambig ; # EXTENDED ARABIC-INDIC DIGIT THREE
<> 4 $disambig ; # EXTENDED ARABIC-INDIC DIGIT FOUR
<> 5 $disambig ; # EXTENDED ARABIC-INDIC DIGIT FIVE
<> 6 $disambig ; # EXTENDED ARABIC-INDIC DIGIT SIX
<> 7 $disambig ; # EXTENDED ARABIC-INDIC DIGIT SEVEN
<> 8 $disambig ; # EXTENDED ARABIC-INDIC DIGIT EIGHT
<> 9 $disambig ; # EXTENDED ARABIC-INDIC DIGIT NINE

<> 0 ; # ARABIC-INDIC DIGIT ZERO
<> 1 ; # ARABIC-INDIC DIGIT ONE
<> 2 ; # ARABIC-INDIC DIGIT TWO
<> 3 ; # ARABIC-INDIC DIGIT THREE
<> 4 ; # ARABIC-INDIC DIGIT FOUR
<> 5 ; # ARABIC-INDIC DIGIT FIVE
<> 6 ; # ARABIC-INDIC DIGIT SIX
<> 7 ; # ARABIC-INDIC DIGIT SEVEN
<> 8 ; # ARABIC-INDIC DIGIT EIGHT
<> 9 ; # ARABIC-INDIC DIGIT NINE

# letters

# long vowels
<> a ; # ARABIC FATHA, ARABIC LETTER ALEF
< u ; # ARABIC DAMMA, ARABIC LETTER WAW
< i ; # ARABIC KASRA, ARABIC LETTER YEH

# longer items moved here to prevent masking
< t h $disambig ; # ARABIC LETTER THEH
< d h $disambig ; # ARABIC LETTER THAL
< s h $disambig ; # ARABIC LETTER SHEEN
< s $under ; # ARABIC LETTER SAD
< d $under ; # ARABIC LETTER DAD
< t $under ; # ARABIC LETTER TAH
< z $under ; # ARABIC LETTER ZAH
< g h $disambig ; # ARABIC LETTER GHAIN

# WARNING: special case
# <t, umlaut, half-ring below> will be canonically ordered as <t, half-ring below, umlaut>
# so on the return, we have to skip over (but preserve) the half-ring below (or others like it)
# < t ; # LATIN SMALL LETTER T, COMBINING RIGHT HALF RING BELOW, COMBINING DIAERESIS

< t \u0308 ; # ARABIC LETTER TEH MARBUTA
| $1 < t ($notAbove+) \u0308 ; # ARABIC LETTER TEH MARBUTA

# non-Arabic language
< z h $disambig ; # ARABIC LETTER JEH
< n $disambig g ; # ARABIC LETTER NG
< v $disambig ; # ARABIC LETTER VE
< y $disambig2 ; # ARABIC LETTER Farsi YEH

# Arabic language
< ; # ARABIC LETTER HAMZA
< a $under; # ARABIC LETTER ALEF
< b ; # ARABIC LETTER BEH
< t ; # ARABIC LETTER TEH
< j ; # ARABIC LETTER JEEM
< h $under ; # ARABIC LETTER HAH
< k h $disambig ; # ARABIC LETTER KHAH
< d ; # ARABIC LETTER DAL
< r ; # ARABIC LETTER REH
< z ; # ARABIC LETTER ZAIN
< s ; # ARABIC LETTER SEEN
< > ; # ARABIC LETTER AIN
> ; # ARABIC TATWEEL
< f ; # ARABIC LETTER FEH
< q ; # ARABIC LETTER QAF
< k ; # ARABIC LETTER KAF
< l ; # ARABIC LETTER LAM
< m ; # ARABIC LETTER MEEM
< n ; # ARABIC LETTER NOON
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---
The rules that convert space into semicolon are in this file;
# since they have to come BEFORE the break iterator.

\$thai = [[:\thai:] \u0E01-\u0E3A\u0E40-\u0E5B] ; 

\$thai { ' ' } $thai > '; ' ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2.6-1-jar/com/ibm/icu/impl/data/Transliterator_Thai_ThaiSemi.txt
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# InterIndic-Gurmukhi
#:: NFD (NFC);
$\text{vowel} = \{\text{\u0A05-\u0A14 \u0A3e-\u0A4D}\};
$\text{consonant} = \{\text{\u0A15-\u0A39}\};

\text{\ue001}; # FALLBACK BLOW AWAY SIGN CHANDRABINDU
#rules for BINDI

# Anusvara is equivalent to BINDI when preceeded by a vowel
$\text{vowel}{'\ue002}>\text{\u0a02}; # SIGN ANUSVARA (\text{\u0a02} = SIGN BINDI)
# else is equivalent to TIPPI
$\text{consonant}{'\ue002}>\text{\u0a70}; # SIGN TIPPI
\ue002>\text{\u0a02};

\text{\ue003}; # FALLBACK BLOW AWAY SIGN VISARGA
\ue005>\text{\u0a05}; # LETTER A
\ue006>\text{\u0a06}; # LETTER AA
\ue007>\text{\u0a07}; # LETTER I
\ue008>\text{\u0a08}; # LETTER II
\ue009>\text{\u0a09}; # LETTER U
\ue00a>\text{\u0a0a}; # LETTER UU
\ue00b>\text{\u0a30}\text{\u0a3f}; # REMAP (indicExceptions.txt): \text{\u0a0b} > \text{\u0a30}\text{\u0a3f} = LETTER VOCALIC R > LETTER RA.VOWEL SIGN I
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0 > \u0a66;  # FALLBACK FOR TAMIL
1 > \u0a67;
#    :: NFC (NFD) ;
# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Gurmukhi.txt
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#--------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Thai_ThaiLogical.txt,v $
# $Date: 2002/07/26 19:56:55 $
# $Revision: 1.3 $
#--------------------------------------------------------------------------------

# This reverses the Thai LogicalOrderException vowels, and does (part of) spaces
# The rules that convert space into semicolon are in another file;
# since they have to come BEFORE the break iterator

$thai = [[\u0E01-\u0E3A|\u0E40-\u0E5B]] ;
# First convert the semicolon back

'' $< $thai { ';' $thai;

# Remove any other spaces between thai letters

$< $thai { ' ' $thai;

# Now vowels

$thai_reversing = [[:
Logical_Order_Exception:] & $thai];

$thai_non_reversing = [$thai $thai_reversing ];

($thai_reversing ) ($thai_non_reversing ) > $2 $1;

# other direction

$2 $1 < ( $thai_non_reversing ) ($thai_reversing );

Found in path(s):

* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Thai_ThaiLogical.txt

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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Cyrillic_Latin.txt,v $
# $Date: 2001/12/01 00:14:55 $
# $Revision: 1.9 $
#--

# TODO: add remaining characters
# Should add variants for Russian-English, Russian-German
# Those can use this as a base, and then remap cases
# like a $hat to ya or ja.

# :: [\u0000-\u007E \u02B9 \u02BA [:Cyrillic:] [:Latin:] [:nonspacing mark:] ];
### WARNING, \u0308 must be added to the generated filters, in both directions ###

# MINIMAL FILTER
:: [\u0308\u0102-\u0103\u0114-\u0115\u011E\u011F\u012C-\u012D\u014E-\u014F\u016C-\u016D\u0306-\u045F\u0490-\u0495\u0498-\u0499\u04C1-\u04C2\u04D0-\u04DF\u04E2-\u04E7\u04EC-\u04F5\u04F8-\u04F9\u1E1C-\u1E1D\u1EAE-\u1EB7\u1FB0-\u1FB8\u1FD0-\u1FD8\u1FE0-\u1FE8] ;
:: NFD (NFC) ;

$modprime = \u02B9;
$modprime2 = \u02BA;

$grave = \u0300;
$acute = \u0301;
$hat = \u0302;
$breve = \u0306;
$dot = \u0307;
$scaron = \u030C;
$comma = \u0326;
$under = \u0331;

# move up so not masked

<> a $hat; # CYRILLIC SMALL LETTER YA
<> A $hat; # CYRILLIC CAPITAL LETTER YA

<> c $scaron; # CYRILLIC SMALL LETTER CHE
<> C $scaron; # CYRILLIC CAPITAL LETTER CHE
# <> XXX; # CYRILLIC SMALL LETTER CHE WITH DESCENDER
# <> XXX; # CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
# <> XXX; # CYRILLIC SMALL LETTER KHAKASSIAN CHE
# <> XXX; # CYRILLIC CAPITAL LETTER KHAKASSIAN CHE
# <> XXX; # CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE
# <> XXX; # CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE

<> e $acute; # CYRILLIC SMALL LETTER E
<> E $acute; # CYRILLIC CAPITAL LETTER E
<> e $hat; # CYRILLIC SMALL LETTER UKRAINIAN IE
<> E $hat; # CYRILLIC CAPITAL LETTER UKRAINIAN IE

<> s $scaron; # CYRILLIC SMALL LETTER SHA
<> S $scaron; # CYRILLIC CAPITAL LETTER SHA
<> s $hat; # CYRILLIC SMALL LETTER SHCHA
<> S $hat; # CYRILLIC CAPITAL LETTER SHCHA

<> z $hat; # CYRILLIC SMALL LETTER DZE
<> Z $hat; # CYRILLIC CAPITAL LETTER DZE
# <> XXX; # CYRILLIC SMALL LETTER ABKHASIAN DZE
# <> XXX; # CYRILLIC CAPITAL LETTER ABKHASIAN DZE

<> u $hat; # CYRILLIC SMALL LETTER YU
<> U $hat; # CYRILLIC CAPITAL LETTER YU

<> i $acute; # CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I
<> I $acute; # CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I
<> j $scaron; # CYRILLIC SMALL LETTER JE
<> J $scaron; # CYRILLIC CAPITAL LETTER JE

<> l $hat; # CYRILLIC SMALL LETTER LJE
<> L $hat; # CYRILLIC CAPITAL LETTER LJE
<> n $hat; # CYRILLIC SMALL LETTER NJE
<> N $hat; # CYRILLIC CAPITAL LETTER NJE
# Completeness

$ignore = [[:Mark:]] * ;
| k < q ;
| K < Q ;
| u < w ;
| U < W ;
| KS < X ] $ignore [[:UppercaseLetter:]] ;
| KS < [:UppercaseLetter:] $ignore { X ;
| Ks < x ;
| ks < x ;

:: NFC (NFD) ;
# note: a global filter is more efficient, but MUST include all source chars!!
#
# :: (\u0000-\u007E \u02B9 \u02BA [:Cyrillic:] [:Latin:] [:nonspacing mark:]])
# MINIMAL FILTER: Latin-Cyrillic
:: (\u0308A-Za-z\u000C-\u00F0\u02DE-\u02DF\u0300\u0301\u0302\u0303\u0304\u0305\u0306\u0307\u0308\u0309\u030A\u030B\u030C\u030D\u030E\u030F\u0310\u0311\u0312\u0313\u0314\u0315\u0316\u0317\u0318\u0319\u031A\u031B\u031C\u031D\u031E\u031F\u0320\u0321\u0322\u0323\u0324\u0325\u0326\u0327\u0328\u0329\u032A\u032B\u032C\u032D\u032E\u032F\u0330\u0331\u0332\u0333\u0334\u0335\u0336\u0337\u0338\u0339\u033A\u033B\u033C\u033D\u033E\u033F\u0340\u0341\u0342\u0343\u0344\u0345\u0346\u0347\u0348\u0349\u034A\u034B\u034C\u034D\u034E\u034F\u0350\u0351\u0352\u0353\u0354\u0355\u0356\u0357\u0358\u0359\u035A\u035B\u035C\u035D\u035E\u035F\u0360\u0361\u0362\u0363\u0364\u0365\u0366\u0367\u0368\u0369\u036A\u036B\u036C\u036D\u036E\u036F\u0370\u0371\u0372\u0373\u0374\u0375\u0376\u0377\u0378\u0379\u037A\u037B\u037C\u037D\u037E\u037F\u0380\u0381\u0382\u0383\u0384\u0385\u0386\u0387\u0388\u0389\u038A\u038B\u038C\u038D\u038E\u038F\u0390\u0391\u0392\u0393\u0394\u0395\u0396\u0397\u0398\u0399\u039A\u039B\u039C\u039D\u039E\u039F\u03A0\u03A1\u03A2\u03A3\u03A4\u03A5\u03A6\u03A7\u03A8\u03A9\u03AA\u03AB\u03AC\u03AD\u03AE\u03AF\u03B0\u03B1\u03B2\u03B3\u03B4\u03B5\u03B6\u03B7\u03B8\u03B9\u03BA\u03BB\u03BC\u03BD\u03BE\u03BF\u03C0\u03C1\u03C2\u03C3\u03C4\u03C5\u03C6\u03C7\u03C8\u03C9\u03CA\u03CB\u03CC\u03CD\u03CE\u03CF\u03D0\u03D1\u03D2\u03D3\u03D4\u03D5\u03D6\u03D7\u03D8\u03D9\u03DA\u03DB\u03DC\u03DD\u03DE\u03DF\u03E0\u03E1\u03E2\u03E3\u03E4\u03E5\u03E6\u03E7\u03E8\u03E9\u03EA\u03EB\u03EC\u03ED\u03EE\u03EF\u03F0\u03F1\u03F2\u03F3\u03F4\u03F5\u03F6\u03F7\u03F8\u03F9\u03FA\u03FB\u03FC\u03FD\u03FE\u03FF]/

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Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Cyrillic_Latin.txt

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#---
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Kannada.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#---

# InterIndic-Kannada
#:: NFD (NFC) ;
\ue032\ue03c>\u0cde; # LETTER FA
\ue001>\u0c82; # REMAP (indicExceptions.txt): \u0c81>\u0c82 = SIGN CANDRABINDU>SIGN ANUSVARA
\ue002>\u0c82; # SIGN ANUSVARA
\ue003>\u0c83; # SIGN VISARGA
\ue004>\u0c85; # LETTER A
\ue005>\u0c86; # LETTER AA
\ue006>\u0c87; # LETTER I
\ue008>\u0c88; # LETTER II
\ue009>\u0c89; # LETTER U
\ue00a>\u0c8a; # LETTER UU
\ue00b>\u0c8b; # LETTER VOCALIC R
\ue00c>\u0c8c; # LETTER VOCALIC L
\ue00d>\u0c8e; # LETTER E
\ue00e>\u0c8f; # FALLBACK
\ue00f>\u0c90; # LETTER EE
\ue010>\u0c91; # LETTER AI
\ue011>\u0c92; # FALLBACK
\ue012>\u0c93; # LETTER O
\ue013>\u0c94; # LETTER OO
\ue014>\u0c95; # LETTER AU
\ue015>\u0c96; # LETTER KA
\ue075>;  # CURRENCY NUMERATOR ONE
\ue076>;  # CURRENCY NUMERATOR TWO
\ue077>;  # CURRENCY NUMERATOR THREE
\ue078>;  # CURRENCY NUMERATOR FOUR
\ue079>;  # CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\ue07A>;  # CURRENCY DENOMINATOR SIXTEEN
\ue07B>;  # ISSHAR
\uE07C>;  # TIPPI
\uE07D>;  # ADDAK
\uE07E>;  # IRI
\uE07F>;  # URA
\uE080>;  # EK ONKAR

0 > \u0ce6;  # FALLBACK FOR TAMIL
1 > \u0ce7;

#  :: NFC (NFD) ;
# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Kannada.txt
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#--------------------------------------------------------------------------------
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#--------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Translitera
#tor_Hebrew_Latin.txt,v $
# $Date: 2002/07/26 19:56:55 $
# $Revision: 1.4 $
#--------------------------------------------------------------------------------

# Transliteration table for Hebrew
# Based on the UNGEGN table at:
#   http://www.eki.ee/wgrs/rom1_he.pdf
#
# Exceptions:
# - Accents are added to disambiguate letters
# - Combinations of dagesh, shin/sin dot that produce different
#   letters are not yet encoded.
#
# To test, open:
#   http://oss.software.ibm.com/cgi-bin/icu/tr
# Click Edit, paste in this file, Save As hebrew-latin/XXX
# (where XXX is a username)
# Now go back to the main window, and try it out.
# Use hebrew-latin/XXX for Output 1, and (Inverse) for Output 2
# Paste in hebrew text in Input, and hit Transliterate.
#
# For more information, see

:: [:Hebrew:] [\u05B0-\u05B9\u05BB-\u05BC\u05C1-\u05C2\u2135-\u2138\u05BF] ;
:: nfkd (nfc) ;
$letterAfter = [:M:]* [:L:] ;

# move longer items here to avoid masking

<> h ;
<> z } $letterAfter;
<> z ;
<> s ;
<> t ;

<> ;
<> b ;
<> g ;
<> d ;
<> h ;
<> w ;
<> z ;
<> t ;
<> y ;
<> k } $letterAfter;
<> k ;
<> l ;
<> m } $letterAfter;
<> m ;
<> n } $letterAfter;
<> n ;
<> s ;
<> ;
<> p } $letterAfter;
<> p ;
<> q ;
<> r ;

> | ; # HEBREW LIGATURE YIDDISH DOUBLE VAV
> | ; # HEBREW LIGATURE YIDDISH VAV YOD
> | ; # HEBREW LIGATURE YIDDISH DOUBLE YOD

<> ; # dagesh just goes to overdot for now
<> ; # shin dot -> sh
<> ; # sin dot -> s
# points
<> a ;
<> a ;
<> e ;
<> e ;
<> e ;
<> i ;
<> o ;
<> u ;
<> a ;
<> e ;
<> o ;
\u05BF <> ;

# fallbacks
< e ;
< f } $letterAfter;
< f ;
< j ;
< v ;
< x ;

:: (lower);
nfc (nfd) ;
:: ([[:Latin:] [\u02BB-\u02BC\u0300-\u0302\u0307\u030C\u0327\u0331\u0340-\u0341 ]]));

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Hebrew_Latin.txt
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#--------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Bengali_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.11 $
#--------------------------------------------------------------

# Bengali-InterIndic
\u09C7\u09BE>\uE04B; # VOWEL SIGN O
\u09C7\u09D7>\uE04C; # VOWEL SIGN AU
\u0981>\uE001; # SIGN CANDRABINDU
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Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_Bengali_InterIndic.txt
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#--------------------------------------------------------------------
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#--------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Latin_InterIndic.txt,v $
# $Date: 2002/03/02 00:27:26 $
# $Revision: 1.7 $
#--------------------------------------------------------------------

# Latin-InterIndic
#:: NFD;
#\u0e00 reserved
#consonants
$chandrabindu=\ue001;
$anusvara=\ue002;
$visarga=\ue003;
#\u0e004 reserved
# w<vowel> represents the stand-alone form
$wa=\ue005;
$waa=\ue006;
$wi=\ue007;
$wii=\ue008;
$wu=\ue009;
$wuu=\ue00a;
$wr=\ue00b;
$wl=\ue00c;
$wce=\ue00d; # LETTER CANDRA E
$wse=\ue00e; # LETTER SHORT E
$we=\ue00f; # \u090f LETTER E
$wai=\ue010;
$wco=\ue011; # LETTER CANDRA O
$wso=\ue012; # LETTER SHORT O
$wo=\ue013; # \u0913 LETTER O
$wau=\ue014;
$ka=\ue015;
$kha=\ue016;
$ga=\ue017;
$gha=\ue018;
$nga=\ue019;
$ca=\ue01a;
$cha=\ue01b;
$ja=\ue01c;
$jha=\ue01d;
$nya=\ue01e;
$tta=\ue01f;
$ttha=\ue020;
$\text{consonants} \{ r_\text{\textuml{u}0325}\text{u\textuml{0}0304}\} > $\text{rrh};
$\text{consonants} \{ r_\text{\textuml{u}0325a}\} > $\text{r\textuml{h}};
$\text{consonants} \{ r_\text{\textuml{u}0325}\} > $\text{r\textuml{h}};
$\text{consonants} \{ l_\text{\textuml{\textuml{u}0325}\text{u\textuml{0}0304}}\} > $\text{llh};
$\text{consonants} \{ l_\text{\textuml{h}}\} > $\text{llh};
$\text{consonants} \{ l_\text{\textuml{\textuml{u}0325}}\} > $\text{llh};
$\text{consonants} \{ e_\text{\textuml{u}0304}\} > $\text{e};
$\text{consonants} \{ o_\text{\textuml{u}0304}\} > $\text{o};
$\text{consonants} \{ e_\text{\textuml{u}0306}\} > $\text{ce};
$\text{consonants} \{ o_\text{\textuml{u}0306}\} > $\text{co};
$\text{consonants} \{ e_\text{\textuml{u}0306}\} > $\text{se};
$\text{consonants} \{ o_\text{\textuml{u}0306}\} > $\text{so};

# e.g. keai -> {ka}{e}{wai}; k'ai -> {ka}{wai}; (ai) -> ({wai})
 a_\text{\textuml{u}0304} > $\text{waa};
 ai > $\text{wai};
 au > $\text{wau};
 i_\text{\textuml{u}0304} > $\text{wii};
 i > $\text{wi};
 u_\text{\textuml{u}0304} > $\text{wuu};
 u > $\text{wu};
 r_\text{\textuml{u}0325}\text{u\textuml{0}0304} > $\text{wrr};
 r_\text{\textuml{u}0325} > $\text{wr};
 l_\text{\textuml{u}0325}\text{u\textuml{0}0304} > $\text{wll};
 lh > $\text{wl};
 l_\text{\textuml{u}0325} > $\text{wl};
 e_\text{\textuml{u}0304} > $\text{we};
 o_\text{\textuml{u}0304} > $\text{wo};
 a > $\text{wa};
 e_\text{\textuml{u}0306} > $\text{we};
 o_\text{\textuml{u}0306} > $\text{wo};
 e > $\text{wse};
 "om" > $\text{om};
 o > $\text{wso};

# rules for anusvara
 n_\text{\textuml{\textuml{u}0325}} > $\text{na}$\text{\textuml{\textuml{u}0325}};  
 n}l_\text{\textuml{\textuml{u}0325}} > $\text{na}$\text{\textuml{\textuml{u}0325}};  
 n}n_\text{na} > $\text{na}$\text{\textuml{\textuml{u}0325}};  
 n_\text{\textuml{u\textuml{0307}}}[k]\text{\textuml{\textuml{u}0325}} > $\text{anusvara};  
 n_\text{\textuml{u\textuml{0307}}}n_\text{\textuml{u\textuml{0307}}} > $\text{anusvara};  
 n_\text{\textuml{u\textuml{0304}}}[c]\text{\textuml{\textuml{u}0325}} > $\text{anusvara};  
 n_\text{\textuml{u\textuml{0304}}}n_\text{\textuml{u\textuml{0303}}} > $\text{anusvara};  
 n_\text{\textuml{\textuml{u\textuml{0323}}}\text{\textuml{\textuml{u\textuml{0323}}}}} > $\text{anusvara};  
 n}l_\text{\textuml{\textuml{u\textuml{0323}}}\text{\textuml{\textuml{u\textuml{0323}}}}} > $\text{anusvara};  
 m}l_\text{\textuml{\textuml{u\textuml{0323}}}\text{\textuml{\textuml{u\textuml{0323}}}}} > $\text{anusvara};  
 n}u_\text{\textuml{\textuml{u\textuml{0323}}}\text{\textuml{\textuml{u\textuml{0323}}}}} > $\text{anusvara};
# urdu compatibility
q>$ukal$virama;
k\u0331h\u0331>$ukha | $virama;
g\u0307>$ugha | $virama;
z > $ujha | $virama;
f > $ufa|$virama;

# dev
y\u0307>$uya|$virama;
\u0331h\u0331>$ela|$virama;
n\u0331h\u0331>$ena|$virama;
n\u0307>$nga|$virama;
n\u0307>$nya|$virama;
t\u0323>$ttha|$virama;
t\u0323>$tta|$virama;
r\u0323>$uddha|$virama;
r\u0323>$uddha|$virama;
d\u0307>$uddha|$virama;
d\u0307>$uddha|$virama;
kh>$khal$virama;
k>$ka|$virama;
gh>$gha|$virama;
g>$ga|$virama;
ch>$cha|$virama;
c>$ca|$virama;

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w>$va|$virama;
sh>$sha|$virama;
ss>$ssa|$virama;
s\u0302u0323>$ssar$virama;
s\u0302u0301>$sha|$virama;
s>$sa|$virama;
h>$ha|$virama;
'.'>$danda;
$danda'.'>$doubleDanda;
$depVowelAbove{~'>$anusvara;
$depVowelBelow{~'>$chandrabindu;

# convert to dependent forms after consonant with no vowel:
# e.g. kai -> {ka} {virama} {ai} -> {ka} {ai}
#$virama aa>$aa;
$virama a\u0304u0304>$aa;
$virama ai>$ai;
$virama au>$au;
$virama ii>$ii;
$virama \u0302u0304>$ii;
$virama i>$i;
#$virama uu>$uu;
$virama u\u0304u0304>$uu;
$virama u>$u;
#$virama rrh>$rrh;
$virama r\u0325u0304>$rrh;
#$virama rh>$rh;
$virama r\u0325a>$rh;
$virama r\u0325>$rh;
$virama l\u0325u0304>$llh;
$virama lh>$lh;
$virama l\u0325>$lh;
$virama e\u0304u0304>$e;
$virama o\u0304u0304>$o;
$virama a'>;
$virama e\u0306>$ce;
$virama o\u0306>$co;
$virama e>$se;
$virama o>$so;

# otherwise convert independent forms when separated by '': k'ai -> {ka} {virama} {wai}
#$virama'aa>$waa;
$virama''a$u0304>$waa;
$virama''ai>$swai;
$virama''au>$swau;
#$virama''ii>$swii;
$virama''\u0302u0304>$swii;
$virama''i'>$swi;
Open Source Used In Data Center Network Manager 11.5(1) 24121
8>$eight;
9>$nine;
";:: NFC (NFD) ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.490/ icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Latin_InterIndic.txt
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#-----------------------------------------------
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#-----------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Any_Accents.txt,v $
# $Date: 2001/09/25 22:58:55 $
# $Revision: 1.3 $
#-----------------------------------------------

:: NFC (NFC) ;

# to do: make reversible

# define special conversion characters.
# varients of this could use different characters, or set one or the other to null.

$pre = \\n$post = \\

# Provide keyboard equivalents for common diacritics used in transliteration

$pre \ $post <= \u0300 ; # COMBINING GRAVE ACCENT
$pre \ $post <= \u0301 ; # COMBINING ACUTE ACCENT
$pre \ $post <= \u0302 ; # COMBINING CIRCUMFLEX ACCENT
$pre \ $post <= \u0303 ; # COMBINING TILDE
$pre \ $post <= \u0304 ; # COMBINING MACRON
$pre \ $post <= \u0308 ; # COMBINING DIAERESIS
$pre \ $post <= \u030A ; # COMBINING RING ABOVE
$pre \ $post <= \u0327 ; # COMBINING CEDILLA
$pre \ $post <= \u0338 ; # COMBINING LONG SOLIDUS OVERLAY
$pre \ $post <= \u0323 ; # COMBINING DOT BELOW

# Combine common characters

$pre AE $post <= \u00C6 ; # LATIN CAPITAL LETTER AE
$pre ae $post <= \u00E6 ; # LATIN SMALL LETTER AE
$pre D $post <= \u00D0 ; # LATIN CAPITAL LETTER ETH
$pre d $post <= \u00F0 ; # LATIN SMALL LETTER ETH
$\text{pre O} \text{/} \text{post} \to \u00D8$ ; # LATIN CAPITAL LETTER O WITH STROKE
$\text{pre o} \text{/} \text{post} \to \u00F8$ ; # LATIN SMALL LETTER O WITH STROKE
$\text{pre TH} \text{post} \to \u00DE$ ; # LATIN CAPITAL LETTER THORN
$\text{pre th} \text{post} \to \u00FE$ ; # LATIN SMALL LETTER THORN
$\text{pre OE} \text{post} \to \u0152$ ; # LATIN CAPITAL LIGATURE OE
$\text{pre oe} \text{post} \to \u0153$ ; # LATIN SMALL LIGATURE OE
$\text{pre ss} \text{post} \to \u00DF$ ; # LATIN SMALL LETTER SHARP S
$\text{pre NG} \text{post} \to \u014A$ ; # LATIN CAPITAL LETTER ENG
$\text{pre ng} \text{post} \to \u014B$ ; # LATIN SMALL LETTER ENG
$\text{pre T} \text{post} \to \u0398$ ; # THETA
$\text{pre t} \text{post} \to \u03B8$ ; # THETA
$\text{pre SH} \text{post} \to \u01A9$ ; # LATIN CAPITAL LETTER ESH
$\text{pre sh} \text{post} \to \u0283$ ; # LATIN SMALL LETTER ESH
$\text{pre ZH} \text{post} \to \u01B7$ ; # LATIN CAPITAL LETTER EZH
$\text{pre zh} \text{post} \to \u0292$ ; # LATIN SMALL LETTER EZH
$\text{pre U} \text{post} \to \u01B1$ ; # LATIN CAPITAL LETTER UPSILON
$\text{pre u} \text{post} \to \u028A$ ; # LATIN SMALL LETTER UPSILON
$\text{pre A} \text{post} \to \u018F$ ; # LATIN CAPITAL LETTER SCHWA
$\text{pre a} \text{post} \to \u0259$ ; # LATIN SMALL LETTER SCHWA
$\text{pre O} \text{post} \to \u0186$ ; # LATIN CAPITAL LETTER OPEN O
$\text{pre o} \text{post} \to \u0254$ ; # LATIN SMALL LETTER OPEN O
$\text{pre E} \text{post} \to \u0190$ ; # LATIN CAPITAL LETTER OPEN E
$\text{pre e} \text{post} \to \u025B$ ; # LATIN SMALL LETTER OPEN E

# three that don't have uppercases
$\text{pre ?} \text{post} \to \u0294$ ; # LATIN LETTER GLOTTAL STOP
$\text{pre i} \text{post} \to \u026A$ ; # LATIN LETTER SMALL CAPITAL I
$\text{pre v} \text{post} \to \u028C$ ; # LATIN SMALL LETTER TURNED V

# Additional Characters that may be added in the future

# $\text{pre XXX} \text{post} \to \u0306$ ; # COMBINING BREVE
# $\text{pre XXX} \text{post} \to \u0307$ ; # COMBINING DOT ABOVE
# $\text{pre XXX} \text{post} \to \u0309$ ; # COMBINING HOOK ABOVE
# $\text{pre XXX} \text{post} \to \u030B$ ; # COMBINING DOUBLE ACUTE ACCENT
# $\text{pre XXX} \text{post} \to \u030C$ ; # COMBINING CARON
# $\text{pre XXX} \text{post} \to \u030F$ ; # COMBINING DOUBLE GRAVE ACCENT
# $\text{pre XXX} \text{post} \to \u0311$ ; # COMBINING INVERTED BREVE
# $\text{pre XXX} \text{post} \to \u0313$ ; # COMBINING COMMA ABOVE
# $\text{pre XXX} \text{post} \to \u0314$ ; # COMBINING REVERSED COMMA ABOVE
# $\text{pre XXX} \text{post} \to \u031B$ ; # COMBINING HORN
# $\text{pre XXX} \text{post} \to \u0324$ ; # COMBINING DIAERESIS BELOW
# $\text{pre XXX} \text{post} \to \u0325$ ; # COMBINING RING BELOW
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# $pre YYY $post <> \u02B2 ; # MODIFIER LETTER SMALL J
# $pre YYY $post <> \u02B3 ; # MODIFIER LETTER SMALL R
# $pre YYY $post <> \u02B4 ; # MODIFIER LETTER SMALL TURNED R
# $pre YYY $post <> \u02B5 ; # MODIFIER LETTER SMALL TURNED R WITH HOOK
# $pre YYY $post <> \u02B6 ; # MODIFIER LETTER SMALL CAPITAL INVERTED R
# $pre YYY $post <> \u02B7 ; # MODIFIER LETTER SMALL W
# $pre YYY $post <> \u02B8 ; # MODIFIER LETTER SMALL Y
# $pre YYY $post <> \u207F ; # SUPERSCRIPT LATIN SMALL LETTER N
:: NFC (NFD) ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Any_Accents.txt
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#---------------------------------------------------------------
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#---------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_index.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.40 $
#---------------------------------------------------------------
#
# TRANSLITERATOR INDEX FILE. This file lists the non-algorithmic
# system transliterators. It allows arbitrary mappings between
# transliterator IDs and file names, and also allows the system to
# define aliases for transliterators, so that "Latin-Hangul", for
# example, can be implemented transparently as the compound
# "Latin-Jamo;Jamo-Hangul". Internal IDs may also be defined; these
# are invisible to the user, but can be composed together by the
# system to create visible transliterators.
#
# Blank lines and lines beginning with '#' are ignored.
#
# Lines in this file have one of the following forms (text not
# enclosed by <> is literal):
#
# <id>:file:<resource>:<encoding>:<direction>
# <id>:internal:<resource>:<encoding>:<direction>
# <id>:alias:<getInstanceArg>
# <id> is the ID of the system transliterator being defined. These
# are public IDs enumerated by Transliterator.getAvailableIDs(),
# unless the second field is "internal".
#
# <resource> is a ResourceReader resource name. Currently these refer
# to file names under com/ibm/text/resources. This string is passed
# directly to ResourceReader, together with <encoding>.
#
# <encoding> is the character encoding to use when reading <resource>;
# passed directly to ResourceReader. E.g., "UTF8".
#
# <direction> is either "FORWARD" or "REVERSE".
#
# <getInstanceArg> is a string to be passed directly to
# Transliterator.getInstance(). The returned Transliterator object
# then has its ID changed to <id> and is returned.
#
# Bidirectional rule files

Fullwidth-Halfwidth:file:Transliterator_Fullwidth_Halfwidth.txt:UTF8:FORWARD
Halfwidth-Fullwidth:file:Transliterator_Fullwidth_Halfwidth.txt:UTF8:REVERSE

Latin-Cyrillic:file:Transliterator_Cyrillic_Latin.txt:UTF8:REVERSE


Latin-Arabic:file:Transliterator_Arabic_Latin.txt:UTF8:REVERSE
Arabic-Latin:file:Transliterator_Arabic_Latin.txt:UTF8:FORWARD

Han-Latin:file:Transliterator_Han_Latin.txt:UTF8:FORWARD
#Latin-Han:file:Transliterator_Han_Latin.txt:UTF8:REVERSE # no round trip!
Latin-Han:alias:null

# Comment these out; they are only for testing
# Latin-Han/definition:file:Transliterator_Han_Latin_Definition.txt:UTF8:REVERSE
# Han-Latin/definition:file:Transliterator_Han_Latin_Definition.txt:UTF8:FORWARD

#Latin-Han/EDICT:file:Transliterator_Han_Latin_EDICT.txt:UTF8:REVERSE
#Han-Latin/EDICT:file:Transliterator_Han_Latin_EDICT.txt:UTF8:FORWARD

Latin-Greek:file:Transliterator_Greek_Latin.txt:UTF8:REVERSE
Greek-Latin:file:Transliterator_Greek_Latin.txt:UTF8:FORWARD

Latin-Greek/UNGEGN:file:Transliterator_Greek_Latin_UNGEGN.txt:UTF8:REVERSE
Greek-Latin/UNGEGN:file:Transliterator_Greek_Latin_UNGEGN.txt:UTF8:FORWARD

Latin-Katakana:file:Transliterator_Latin_Katakana.txt:UTF8:FORWARD


#Thai Stuff: will change if we get ‘b into Transliterator

Thai-ThaiSemi:internal:Transliterator_Thai_ThaiSemi.txt:UTF8:FORWARD

Thai-ThaiLogical:internal:Transliterator_Thai_ThaiLogical.txt:UTF8:FORWARD
ThaiLogical-Thai:internal:Transliterator_Thai_ThaiLogical.txt:UTF8:REVERSE

ThaiLogical-Latin:internal:Transliterator_ThaiLogical_Latin.txt:UTF8:FORWARD
Latin-ThaiLogical:internal:Transliterator_ThaiLogical_Latin.txt:UTF8:REVERSE

# Must use the order below!
# We need two separate passes because of the Thai vowel reversal
# Thai-Logical also converts spaces to semicolons. That has to be done before we insert latin spaces

Thai-Latin:alias:[:thai:] \u0e01-\u0e3a\u0e40-\u0e5b];NFD;Thai-ThaiSemi;Any-BreakInternal;Thai-ThaiLogical;ThaiLogical-Latin;NFC
Latin-Thai:alias:[:Latin:][[:Mn:]][[:Me:]] \ \;0-9~\u00a7\u00ab\u00bb\u02b9\u0374\u2021\u02cc;NFD;Latin-ThaiLogical;ThaiLogical-Thai;NFC

# end of Thai Stuff

Hiragana-Katakana:file:Transliterator_Hiragana_Katakana.txt:UTF8:FORWARD
Katakana-Hiragana:file:Transliterator_Hiragana_Katakana.txt:UTF8:REVERSE

Any-Accents:file:Transliterator_Any_Accents.txt:UTF8:FORWARD
Accents-Any:file:Transliterator_Any_Accents.txt:UTF8:REVERSE

Any-Publishing:file:Transliterator_Any_Publishing.txt:UTF8:FORWARD
Publishing-Any:file:Transliterator_Any_Publishing.txt:UTF8:REVERSE

# Korean
# N.B. Don't end Latin-Jamo with NFC; that produces Hangul. For
# Hangul output use Latin-Hangul.

LowerLatin-Jamo:internal:Transliterator_Latin_Jamo.txt:UTF8:FORWARD
Jamo-LowerLatin:internal:Transliterator_Latin_Jamo.txt:UTF8:REVERSE
Latin-Jamo:alias:[][A-Za-z\u00c0-\u00c5\u00c7-\u00c9\u00da-\u00df\u00e0-\u00e5\u00e7-
\u00e9\u00f1-\u00f9\u00fd\u00ff-\u010f\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-
\u013e\u0143-\u0148\u014c-\u0151\u0154-\u0165\u0168-\u017e\u01a0-\u01a1\u01a4-\u01b0\u01cd-
\u01dc\u01de-\u01e6-\u01ed\u01f4-\u01f5\u01f8-\u01fb-\u0200-\u021b-\u021e-\u0226-
# Ind-Indic composed rules

Latin-Indic:

Latin-Devanagari: alias:['0-9A-Za-z~À-ÅÇ-ÏÑ-ÖÙ-Ýà-éð-÷ù-ÿĀ-ĭį-ĹĻ-ŊŌ-ŒŔ-Ťŧ-žƐ-Ɠƕ-ƨƩ-Ʊǀ-ǉǋ-ǗǞ-ǵȀ-țȞ-ȟȦ-ȳ̀-̄̆-̇̐-̗̓-̛̝-̟̣-̧̫-̭̯-̱̳-̵̷-̹̻-̿́-̓ͅ-͇͉-͍͋-͏͑-͓͕-͙͗-͛͝-͟͡-ͣͥ-ͧͩ-ͫͭ-ͯͱ-ͳ͵-ͷ͹-ͻͽ-Ϳ΁-΃΅-·Ή-΋΍-ΏΑ-ΓΕ-ΗΙ-ΛΝ-ΟΡ-ΣΥ-ΧΩ-Ϋέ-ία-γε-ηι-λν-ορ-συ-χω-ϋύ-Ϗϑ-ϓϕ-ϗϙ-ϛϝ-ϟϱ-ϳϵ-ϷϹ-ϻϽ-Ͽ]

Devanagari-Indic:

Bengali-Indic:

Gurmukhi-Indic:

Gujarati-Indic:

Oriya-Indic:

Tamil-Indic:

Telugu-Indic:

Kannada-Indic:

Malayalam-Indic:

Indic-Latin:

Devanagari-Latin:

Bengali-Latin:

Gurmukhi-Latin:

Gujarati-Latin:

Oriya-Latin:

Tamil-Latin:

Telugu-Latin:

Kannada-Latin:

Malayalam-Latin:
Open Source Used In Data Center Network Manager 11.5(1)

- NFC
- Lower;Latin-InterIndic;InterIndic-Gujarati;NFC
- Latin-Oriya:alias:
- Latin-Tamil:alias:
- Latin-Telugu:alias:
Open Source Used In Data Center Network Manager 11.5(1)  24134

#Indic-Latin transliterators
Devanagari-Latin:alias:[\u0901-\u0903\u0905-\u0939\u093C-\u094D\u0950-\u0954\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Latin;NFC
Open Source Used In Data Center Network Manager 11.5(1) 24139

Kannada-Devanagari:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Devanagari;NFC
Kannada-Bengali:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Bengali;NFC
Kannada-Gurmukhi:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Gurmukhi;NFC
Kannada-Oriya:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Oriya;NFC
Kannada-Tamil:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Tamil;NFC
Kannada-Telugu:alias:[\u0C82-\u0C83\u0C85-\u0C8E-\u0C90\u0C92-\u0CA8\u0CA9-\u0CB3\u0CB5-\u0CBF\u0CCE\u0CC8\u0CCA-\u0CD5-\u0CD6\u0CDE-\u0CE0-\u0CE1-\u0CE6-\u0CEF];NFD;Kannada-InterIndic;InterIndic-Telugu;NFC

Malayalam-Devanagari:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Devanagari;NFC
Malayalam-Bengali:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Bengali;NFC
Malayalam-Gurmukhi:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Gurmukhi;NFC
Malayalam-Oriya:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Oriya;NFC
Malayalam-Tamil:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Tamil;NFC
Malayalam-Telugu:alias:[\u0D02-\u0D03\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0D60-\u0D61\u0D66-\u0D6F];NFD;Malayalam-InterIndic;InterIndic-Telugu;NFC
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#-----------------------------------------------
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#-----------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Kannada_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.6 $
#-----------------------------------------------

# Kannada-InterIndic
\u0CC6\u0CD5\uE047; # VOWEL SIGN EE
\u0CC6\u0CCD\u0CD6\uE048\ue04d; # VOWEL SIGN AI
\u0CC6\u0CD6\uE048; # VOWEL SIGN AI
\u0CC6\u0CC2\u0CD5\uE04B; # VOWEL SIGN OO
\u0CC6\u0CC2\uE04A; # VOWEL SIGN O
\u0CBF\u0CD5\uE040; # VOWEL SIGN II

\u0C82\uE002; # SIGN ANUSVARA
\u0C83\uE003; # SIGN VISARGA
\u0C85\uE005; # LETTER A
\u0C86\uE006; # LETTER AA
\u0C87\uE007; # LETTER I
\u0C88\uE008; # LETTER II
\u0C89\uE009; # LETTER U
\u0C8A\uE00A; # LETTER UU
\u0C8B\uE00B; # LETTER VOCALIC R
\u0C8C\uE00C; # LETTER VOCALIC L
\u0C8E\uE00E; # LETTER E
\u0C8F\uE00F; # LETTER EE
\u0C90\uE010; # LETTER AI
\u0C92\uE012; # LETTER O
\u0C93\uE013; # LETTER OO
\u0C94\uE014; # LETTER AU
\u0C95\uE015; # LETTER KA
\u0C96\uE016; # LETTER KHA
\u0C97\uE017; # LETTER GA
\u0C98\uE018; # LETTER GHA
\u0C99\uE019; # LETTER NGA
\u0CEA>\uE6A; # DIGIT FOUR
\u0CEB>\uE6B; # DIGIT FIVE
\u0CEC>\uE6C; # DIGIT SIX
\u0CED>\uE6D; # DIGIT SEVEN
\u0CEE>\uE6E; # DIGIT EIGHT
\u0CEF>\uE6F; # DIGIT NINE

# eof

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Kannada_InterIndic.txt
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#----------------------------------------------------------
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#----------------------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_ThaiLogical_Latin.txt,v $
#$Date: 2002/07/26 19:56:55 $
#$Revision: 1.5 $
#----------------------------------------------------------

# Thai-Latin
# This set of rules follows ISO 11940
#see http://homepage.mac.com/sirbinks/pdf/Thai.r2.pdf
# except that that does not mention an implicit vowel, so we use o
#
# The transcription is fairly ugly, so we ought to also do the UNGEGN version
#see: http://www.eki.ee/wgrs/rom1_th.pdf
# and probably make that the main variant.

# Note: this is an internal file. The NFD/NFC is handled externally, in the index
# The insertion of spaces between words, the reversal of the vowels
# and the conversion of space to semicolon are done *outside* of these rules.
# So as far as these rules are concerned, the vowels are in logical order!

# insert implicit vowel (and remove it going the other way)
# COMMENTED out: the implicit vowel positions cannot be predicted algorithmically
#$consonant = [--];
#$vowel = [--];

#{ ( $consonant ) } \[^$vowel \] > | $1  ;
# > o ;
# < o ;

$notAbove = [^\p{ccc=0}]p{ccc=above}] ;
$notBelow = [^\p{ccc=0}]p{ccc=below}] ;
# Consonants

# Warning: the 'h's need to be handled carefully!
# What we really want to say is the following, but we can't
#$notHAccent = (!$notAbove* | $notBelow* ) ;

# Since the only accents we care about that could cause problems are free-standing accents below, we use instead:
$freeStandingBelow = [u0325 ];
$shAccent = [ ]
$notHAccent0 = [^$freeStandingBelow$shAccent]; $notHAccent1 = $freeStandingBelow [^$shAccent];

> h ; # THAI CHARACTER HO HIP
| $1 < h ($notAbove*) ; # backward case, account for reordering
< h ; # THAI CHARACTER HO NOKHUK

<> kh ; # THAI CHARACTER KHO KHAI
< kh ; # THAI CHARACTER KHO KHUA T
<> kh ; # THAI CHARACTER KHO KHUAT
< kh ; # THAI CHARACTER KHO RAKHANG
< kh } $notHAccent1 ; # THAI CHARACTER KHO KHWAI
< kh } $notHAccent0 ; # THAI CHARACTER KHO KHWAI
< k ; # THAI CHARACTER KO KAI

<> ph ; # THAI CHARACTER PHO SAMP HAO
< ph ; # THAI CHARACTER PHO PHUNG
< ph } $notHAccent1 ; # THAI CHARACTER PHO PHAN
< ph } $notHAccent0 ; # THAI CHARACTER PHO PHAN
< p ; # THAI CHARACTER PO PLA

<> ch ; # THAI CHARACTER CHO CHING
< ch ; # THAI CHARACTER CHO CHOE
< ch } $notHAccent1 ; # THAI CHARACTER CHO CHANG
< ch } $notHAccent0 ; # THAI CHARACTER CHO CHANG
< c ; # THAI CHARACTER CHO CHAN

<> th ; # THAI CHARACTER THO THAN
< th ; # THAI CHARACTER THO NANGMONTHO
< th ; # THAI CHARACTER THO PHUTHAO
< th ; # THAI CHARACTER THO THUNG
< th ; # THAI CHARACTER THO THONG
< th } $notHAccent1 ; # THAI CHARACTER THO THAHAN
< th } $notHAccent0 ; # THAI CHARACTER THO THAHAN

#Note: TO PATAK deviates from ISO since t-dotunder + h would be ambiguous. So it uses vertical tick.
<> t ; # THAI CHARACTER TO PATAK
< t ; # THAI CHARACTER TO TAO

# since there is no singleton g (generated), don't worry about that.
<> ng ; # THAI CHARACTER NGO NGU
<> n ; # THAI CHARACTER NO NEN
<> n ; # THAI CHARACTER NO NU

<> y ; # THAI CHARACTER YO YING
<> d ; # THAI CHARACTER DO CHADA
<> d ; # THAI CHARACTER DO DEK

<> b ; # THAI CHARACTER BO BAIMAI
<> f ; # THAI CHARACTER FO FA
| $1 < f ($notAbove*) ; # backward case, account for reordering

<> m ; # THAI CHARACTER MO MA
<> y ; # THAI CHARACTER YO YAK
<> r ; # THAI CHARACTER RO RUA
<> v ; # THAI CHARACTER RU
<> ; # THAI CHARACTER LU
<> w ; # THAI CHARACTER WO WAEN

<> s ; # THAI CHARACTER SO SALA***
| $1 < s ($notAbove*) ; # backward case, account for reordering
<> s ; # THAI CHARACTER SO RUSI
> s ; # THAI CHARACTER SO SUA***
| $1 < s ($notAbove*) ; # backward case, account for reordering

<> l ; # THAI CHARACTER LO CHULA
<> l ; # THAI CHARACTER LO LING
<> f ; # THAI CHARACTER FO FAN

<> x ; # THAI CHARACTER O ANG
<> s ; # THAI CHARACTER SO SO

# vowels

<> a ; # THAI CHARACTER MAI HAN-AKAT

> a ; # THAI CHARACTER SARA AA
| $1 < a ($notAbove*) ; # backward case, account for reordering

# We deviate from ISO for SARA AM for disambiguation
> a ; # THAI CHARACTER SARA AM
| $1 < a ($notAbove*) ; # backward case, account for reordering

<> a ; # THAI CHARACTER SARA A
<> i ; # THAI CHARACTER SARA II
| $1 < i ($notAbove*) ; # backward case, account for reordering

<> u ; # THAI CHARACTER SARA UEE
\$1 < u \ (\$notAbove*) \ ; \# \ backword \ case, \ account \ for \ reordering

\< u \ ; \# \ THAI \ CHARACTER \ SARA \ UE
\< u \ ; \# \ THAI \ CHARACTER \ SARA \ UU
\| \$1 < u \ (\$notAbove*) \ ; \# \ backword \ case, \ account \ for \ reordering

\< u \ ; \# \ THAI \ CHARACTER \ SARA \ U

\< \‡ ; \# \ THAI \ CHARACTER \ PAIYANNOI

\# \ < > XXX ; \# \ THAI \ CURRENCY \ SYMBOL \ BAHT

\< e ; \# \ THAI \ CHARACTER \ SARA \ E
\< æ ; \# \ THAI \ CHARACTER \ SARA \ AE
\< o ; \# \ THAI \ CHARACTER \ SARA \ O
\< ; \# \ THAI \ CHARACTER \ SARA \ AI \ MAIMUAN
\< i ; \# \ THAI \ CHARACTER \ SARA \ AI \ MAIMALAI
\< ; \# \ THAI \ CHARACTER \ LAKKHANDYAO
\< ; \# \ THAI \ CHARACTER \ MAITAIKHU
\< ; \# \ THAI \ CHARACTER \ MAI \ EK
\< ; \# \ THAI \ CHARACTER \ MAI \ THO
\< ; \# \ THAI \ CHARACTER \ MAI \ TRI
\< ; \# \ THAI \ CHARACTER \ MAI \ CHATTAWA
\< ; \# \ THAI \ CHARACTER \ THANHAKHAT
\< '~' ; \# \ THAI \ CHARACTER \ YAMAKKAN

\# \ We \ deviate \ from \ ISO \ for \ disambiguation
\< ; \# \ THAI \ CHARACTER \ NIKHAHIT

\< § ; \# \ THAI \ CHARACTER \ FONGMAN

\< 0 ; \# \ THAI \ DIGIT \ ZERO
\< 1 ; \# \ THAI \ DIGIT \ ONE
\< 2 ; \# \ THAI \ DIGIT \ TWO
\< 3 ; \# \ THAI \ DIGIT \ THREE
\< 4 ; \# \ THAI \ DIGIT \ FOUR
\< 5 ; \# \ THAI \ DIGIT \ FIVE
\< 6 ; \# \ THAI \ DIGIT \ SIX
\< 7 ; \# \ THAI \ DIGIT \ SEVEN
\< 8 ; \# \ THAI \ DIGIT \ EIGHT
\< 9 ; \# \ THAI \ DIGIT \ NINE

\< || ; \# \ THAI \ CHARACTER \ ANGKHANKHU

\< » ; \# \ THAI \ CHARACTER \ KHMUT
\< « ; \# \ THAI \ CHARACTER \ MAIYAMOK

\# \ moved \ down \ to \ make \ shorter \ first
# Note: PHINTHU deviates from ISO since underring causes canonical problems. So it uses spacing tick below.

\texttt{<> ; # THAI CHARACTER PHINTHU}

\texttt{<> i ; # THAI CHARACTER SARA I}

# fallbacks

\texttt{| k < g ;}

\texttt{| k < h ;}

\texttt{| c < j ;}

\texttt{| k < q ;}

\texttt{| s < z ;}

:: (lower);

Found in path(s):

* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_ThaiLogical_Latin.txt

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#--------------------------------------------

# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Oriya.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.9 $
#--------------------------------------------

# InterIndic-Oriya

\ue001>\u0b01; # SIGN CANDRABINDU
\ue002>\u0b02; # SIGN ANUSVARA
\ue003>\u0b03; # SIGN VISARGA
\ue005>\u0b05; # LETTER A
\ue006>\u0b06; # LETTER AA
\ue007>\u0b07; # LETTER I
\ue008>\u0b08; # LETTER II
\ue009>\u0b09; # LETTER U
\ue00a>\u0b0a; # LETTER UU
\ue00b>\u0b0b; # LETTER VOCALIC R
\ue00c>\u0b0c; # LETTER VOCALIC L
\ue00d>\u0b0f; # FALLBACK
\ue00e>\u0b0f; # FALLBACK
\ue00f>\u0b0f; # LETTER E
\ue010>\u0b10; # LETTER AI
\ue011>\u0b13; # FALLBACK
\ue012>\u0b13; # FALLBACK
\ue013>\u0b13; # FALLBACK LETTER OO (\u0b13 = LETTER O)
0 > \u0b66;    # FALLBACK FOR TAMIL
1 > \u0b67;

#    :: NFC (NFC) :
# eof

Found in path(s):
*/opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Oriya.txt
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#-----------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Gujarati.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#-----------------------------------------------

# InterIndic-Gujarati
#:  NFC (NFC) :
\ue001>\u0a81; # SIGN CANDRABINDU
\ue002>\u0a82; # SIGN ANUSVARA
\ue003>\u0a83; # SIGN VISARGA
\ue005>\u0a85; # LETTER A
\ue006>\u0a86; # LETTER AA
\ue007>\u0a87; # LETTER I
\ue008>\u0a88; # LETTER II
\ue009>\u0a89; # LETTER U
\ue00a>\u0a8a; # LETTER UU
\ue00b>\u0a8b; # LETTER VOCALIC R
\ue00c>\u0ab2\u0ac3; # REMAP (indicExceptions.txt): \u0a8c>\u0ab2\u0ac3 = LETTER VOCALIC L>LETTER LA.VOWEL SIGN VOCALIC R
\ue00d>\u0a8d; # GUJARATI VOWEL CANDRA E
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Gujarati.txt
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Latin_Katakana.txt,v $
# $Date: 2001/12/03 02:10:26 $
# $Revision: 1.19 $
# Note: a global filter is more efficient, but MUST include all source chars
#:: [\u0000-\u007E \u3001\u3002 \u3099-\u309C \u30A1-\u30FC \uFF61-\uFF9F [:Latin:][:Katakana:] [:nonspacing
mark:] ];
# MINIMAL FILTER GENERATED FOR: Latin-Katakana
### WARNING -- must add width filter, both here and below!!! ###
:: [\u1100-\u1112\u111A\u1121\u1160-\u1175\u11AA\u11AC-\u11AD\u11B0-\u11B5\u2190-\u2193\u2502\u25A0\u25CB\u3000-\u3002\u300C-\u300D\u30FC-\u30FA-\uFF01-\uFF5E\uFFE0-\uFFE6][',.A-Za-z~\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u010F\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-\u013E\u0143-\u0148\u014C-\u0151\u0154-\u0169\u016E\u017D\u0184\u0186-\u018F\u0192-\u0195\u0197-\u019E\u019F-\u01A0\u01A2\u01A6\u01A8-\u01AB\u01B1-\u01B3\u01B5\u01B6-\u01BF\u0200-\u0209\u0213-\u021B\u021E-\u021F\u0226-\u0233\u0304\u04E2-\u04E3\u04E6-\u04E9\u1E00-\u1E99\u1EA0-\u1EF9\u1FB1\u1FD9\u1FE1\u1FE9\u212A-\u212B]] ;
:: [\Latin:] fullwidth-halfwidth ();
:: NFD (NFC);
:: Lower ();  # whenever transliterating from cased to uncased script, include this
# :: NFD ();  # this would catch the odd cases where a lowercase is not in NFD, but none are important for Japanese

# Uses modified Hepburn. Small changes to make unambiguous.

# | Kunrei-shiki: Hepburn/MHepburn
# | ------------------------------
# | si: shi
# | si ~ya: sha
# | si ~yu: shu
# | si ~yo: sho
# | zi: ji
# | zi ~ya: ja
# | zi ~yu: ju
# | zi ~yo: jo
# | ti: chi
# | ti ~ya: cha
# | ti ~yu: chu
# | ti ~yu: cho
# | tu: tsu
# | di: ji/dji
# | du: zu/dzu
# | hu: fu

# | For foreign words:
# | ------------------
# | se ~i si
# | si ~e she
# | ze ~i zi
# | zi ~e je
# | te ~i ti
# | ti ~e che
# | te ~u tu
|  | de ~i di  |
|  | de ~u du  |
|  | de ~i di  |
|  | he ~u: hu |
|  | hu ~a fa  |
|  | hu ~i fi  |
|  | hu ~e he  |
|  | hu ~o ho  |

Most small forms are generated, but if necessary explicit small forms are given with ~a, ~ya, etc.

# Variables

$vowel = [aeiou] ;$
$sconsonant = [bcdfghjklmnpqrstvwxyz] ;$
$smacron = \u0304 ;$

# Variables used for doubled-consonants with tsu

$kana = [\u3041-\u3094] ;$

$voice = [\u3099\u309B];$
$semivoice = [\u309A\u309C];$

$k_start = [] ;$

$s_start = [] ;$

$j_start = []$voice ;

$t_start = [] ;$

$n_start = [] ;$

$h_start = [] ;$

$f_start = [] ;$

$m_start = [] ;$

$y_start = [] ;$

$r_start = [] ;$

$w_start = [] ;
$v\_start = []$

# if is followed by $n\_quoter, then it needs an
# apostrophe after its romaji form to disambiguate it.
# e.g., ! = , so represent as "n'a", not "na".

$n\_quoter = []$

$small\_y = []$

$iteration = \u309D$

#------------------------------------------------------
# katakana rules
#------------------------------------------------------

# Punctuation

'. ' <> ;

', ' <> ;

# " " [a-z] > ; # delete spaces before latin

# " " < ["\u30A0-\u30ff\] \} ["\u30A0-\u30ff\] ; #insert spaces before hiragana

# Iteration Mark

# Copy previous letter & marks

# TODO

# | $1 $1 < ($kana [:M:$voice$semivoice]) $iteration

# Specials for katakana -- not shared with hiragana

va <> ;

vi <> ;

ve <> ;

vo <> ;

'-ka' <> ;

'-ke' <> ;

# ~~~ begin shared rules ~~~

#special

ya < ' wastewater';

yi < ' wastewater';

yu < ' wastewater';

ye < ' wastewater';

yo < ' wastewater';

#normal
go <> ;

i <> ;

# j } $vowel > |'~'y';

ja <> ;
j'i'i' < ; # liu
ju <> ;
je <> ;
jo <> ;
ji <> ;

k |'~' < } $small_y ;
ky } $vowel > |'~'y';

ka <> ;
ki <> ;
ku <> ;
ke <> ;
ko <> ;

m |'~' < } $small_y ;
my } $vowel > |'~'y';

ma <> ;
mi <> ;
mu <> ;
me <> ;
mo <> ;

m } [pbfv] > ;

n |'~' < } $small_y ;
ny } $vowel > |'~'y';

na <> ;
ni <> ;
nu <> ;
ne <> ;
no <> ;

o <> ;

p |'~' < } $small_y ;
py } $vowel > |'~'y';

pa <> ;
pi <> ;
pu <> ;
pe <> ;
po <> ;

h | 'ـ' < | $small_y ;
hy } $vowel > | 'ـy' ;

ha <> ;
hi <> ;
hu <> ;
he <> ;
ho <> ;

# f | 'ـ' < | $small_y ;
# f } $vowel > | 'ـ' ;

fa <> ;
fi <> ;
fe <> ;
fo <> ;
fu <> ;

r | 'ـ' < | $small_y ;
ry } $vowel > | 'ـy' ;

ra <> ;
ri <> ;
ru <> ;
re <> ;
ro <> ;

za <> ;
zi <> ;
zu <> ;
ze <> ;
zo <> ;

sa <> ;
si <> ;
su <> ;
se <> ;
so <> ;

sha < ;
shi'~i' < ; # liu
shu < ;
she < ;
sho < ;
shi <> ;
sh } $vowel > |'y';

ta <> ;
ti <> ;
tu <> ;
te <> ;
to <> ;
tsuo <> ;

# v } $vowel > |'y';

#v~a' < ; # liu
#v~i' < ; # liu
#v~e' < ; # liu
#v~o' < ; # liu
vu <> ;

u <> ;

# w } $vowel > |'y';

wa <> ;
wi <> ;
wu > ;
we <> ;
wo <> ;

ya <> ;
yi > ;
yu <> ;
ye > ;
yo <> ;

# double consonants

#specials
s ] sh > ;
t ] ch > ;

#voiced

j ] j <> } $j_start ;
b ] b <> } {$h_start$f_start$voice;
d ] d <> } $d_start$voice;
g ] g <> } $k_start$voice;
'~wa' <> ;
'~ya' <> ;
'~yi' > ;
'~yu' <> ;
'~ye' > ;
'~yo' <> ;

# iteration marks
# TODO: make more accurate

j $1 < sh (y* $vowel) {$voice ;
dj $1 < ch (y* $vowel) {$voice ;
dz $1 < ts (y* $vowel) {$voice ;

g $1 < k (y* $vowel) {$voice ;
z $1 < s (y* $vowel) {$voice ;
d $1 < t (y* $vowel) {$voice ;
h $1 < b (y* $vowel) {$voice ;
v $1 < w (y* $vowel) {$voice ;

sh $1 < sh (y* $vowel) {$voice ;
j $1 < j (y* $vowel) {$voice ;
ch $1 < ch (y* $vowel) {$voice ;
dj $1 < dj(y* $vowel) {$voice ;
ts $1 < ts (y* $vowel) {$voice ;
dz $1 < dz (y* $vowel) {$voice ;

$1 < ($consonant y* $vowel) {$voice? ;
$1 < (.) { $voice? ; # otherwise repeat last character
< $voice? ; # delete if no characters found

# h- rule: lengthens vowel if not followed by a vowel

[aeiou ] h > ;

# one-way latin- > kana rules. these do not occur in
# well-formed romaji representing actual japanese text.
# their purpose is to make all romaji map to kana of
# some sort.

# the following are not really necessary, but produce
# slightly more natural results.

cy > ;
dy > ;
hy > ;
sy > ;
ty > ;
zy > ;

h > ;

# isolated consonants listed here so as not to mask
# longer rules above.

ch > ;
sh > ;
dz > ;
dj > ;
b > ;
d > ;
g > ;
k > ;
m > ;
n'' < } $n_quoter ;
n <> ;
p > ;
r > ;
s > ;
t > ;
y > ;
z > ;
v > ;
f > ;
j > ;
w > ;
ß > | ss ;
æ > | e ;
ð > | d ;
ø > | u ;
þ > | th ;

# simple substitutions using backup

c > | k ;
l > | r ;
q > | k ;
x > | ks ;

# ~~~ END shared rules ~~~

#----------------------------------------

# Final cleanup
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Latin_Katakana.txt
No license file was found, but licenses were detected in source scan.

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# Telugu-InterIndic
#:: NFD (NFC) ;
\u0C46\u0C4D\u0C56>\ue048\ue04D;
\u0C01>\uE001;  # SIGN CANDRABINDU
\u0C02>\uE002;  # SIGN ANUSVARA
\u0C03>\uE003;  # SIGN VISARGA
\u0C05>\uE005;  # LETTER A
\u0C06>\uE006;  # LETTER AA
\u0C07>\uE007;  # LETTER I
\u0C08>\uE008;  # LETTER II
\u0C09>\uE009;  # LETTER U
\u0C0A>\uE00A;  # LETTER UU
\u0C0B>\uE00B;  # LETTER VOCALIC R
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Telugu_InterIndic.txt
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#--------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Bengali.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#--------------------------------------------------------------

# InterIndic-Bengali
#: NFD (NFC) ;
\uE001>\u0981;  # SIGN CANDRABINDU
\uE002>\u0982;  # SIGN ANUSVARA
\uE003>\u0983;  # SIGN VISARGA
\uE005>\u0985;  # LETTER A
\uE006>\u0986;  # LETTER AA
\uE007>\u0987;  # LETTER I
\uE008>\u0988;  # LETTER II
\uE009>\u0989;  # LETTER U
Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Bengali.txt
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# :: NFC (NFD) ;
# eof

Open Source Used In Data Center Network Manager 11.5(1) 24168
# Test case
# "The" "(quick)" "(brown)" `fox` ` jumped -- "over?"

# Variables

$single = ' ;
$space = ' ' ;
$double = " ;
$back = \ ;
$tab = `u0008' ;
$makeRight = [[[:Z:]][[:Ps:]][[:Pi:]]]$ ;

# fix UNIX quotes

$back $back > " ;
$back > ' ;

# fix typewriter quotes, by context

$makeRight {$double} <> " ;
$double <> " ;

$makeRight {$single} <> ' ;
$single <> ' ;

# fix multiple spaces and hyphens

$space {$space} > ;
'-.' <> — ;

Found in path(s):
* /opt/cola/permits/1001069448_1607103999.49/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Any_Publishing.txt

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    http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/

The specification of DOM Level 2's various parts is at:
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/

The specification of DOM Level 1's various parts is at:

Links to all available W3C DOM Java Bindings can be found at:
    http://www.w3.org/DOM/DOMTR

The actual classes of The Simple API for CSS (SAC) came from:
    http://www.w3.org/Style/CSS/SAC/
    http://www.w3.org/2002/06/sacjava-1.3.zip

The actual DOM Java Language Binding classes for SMIL came from:
    http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
    (both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

The actual DOM Java Language Binding classes for SVG 1.1 came from:
    http://www.w3.org/TR/SVG11/java.html

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/* nicstar.c v0.22  Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 */

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
*interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
*and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
*loss of link, and correctly re-enable PHY when link is
*re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstarm() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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M. Welsh, 6 July 1996

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for his work on the initial Linux DVB driver

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for his contributions to the dvb-net driver

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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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Andreas Oberritter <obi@linuxtv.org>
Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <tmbinc@elitedvb.net>
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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
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Contributors to btvt:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.uku.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)

bigfoot <bigfoot@net-way.net>
Ragnar Hojland Espinosa <ragnar@macula.net>
ConferenceTV card

+ many more (please mail me if you are missing in this list and would like to be mentioned)

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Please keep the following list in alphabetical order.

Suman Anna
Sripal Bagadia
Felipe Balbi
Ohad Ben-Cohen
Phil Carmody
Deepak Chitriki
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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/compiler/ImplicitTagLibraryInfo.java
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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/xmlparser/UCSReader.java

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*/
// XXX - We use a proprietary call to the interpreter for now

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 * Proprietary method to evaluate EL expressions. XXX - This method should
 * go away once the EL interpreter moves out of JSTL and into its own
 * project. For now, this is necessary because the standard machinery is too
 * slow.
 * *
 * @param expression
 *     The expression to be evaluated
 * @param expectedType
 *     The expected resulting type
 * @param pageContext
 *     The page context
 * @param functionMap
 *     Maps prefix and name to Method
 * @return The result of the evaluation
*/

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* /opt/cola/permits/1110675062_1606842987.61/0/netty-codec-socks-4-1-34-final-sources-1-jar/io/netty/handler/codec/socks/Socks4CommandStatus.java
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* /opt/cola/permissions/1110675062_1606842987.61/0/netty-codec-socks-4-1-34-final-sources-1-jar/io/netty/handler/codecsocks/socks/SocksAuthStatus.java
jar/io/netty/handler/codec/socks/SocksAddressType.java
* /opt/cola/permits/1110675062_1606842987.61/0/netty-codec-socks-4-1-34-final-sources-1-
jar/io/netty/handler/codec/socks/SocksResponseType.java
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jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
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jar/io/netty/handler/codec/socks/SocksVersion.java
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jar/io/netty/handler/codec/socksx/v5/Socks5CmdType.java
* /opt/cola/permits/1110675062_1606842987.61/0/netty-codec-socks-4-1-34-final-sources-1-
jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java

1.2788 jersey-json 1.1.5.1

1.2789 tomcat-embed-el 9.0.29

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* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5.1.4-release-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodProcessor.java

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/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * { @link #locateSource detected } during response rendering. Users can either specify
 * a specific entry in the model via the { @link #setSourceKey sourceKey } property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See { @link #getSourceTypes() here }
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure { @link #setOutputProperties output properties }
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */

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* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/tags/form/AbstractDataBoundFormElementTag.java
* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMethodMappingNamingStrategy.java
* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/tags/EscapeBodyTag.java
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* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistration.java
* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/view/ResourceBundleViewResolver.java
* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractMediaTypeExpression.java
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* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/HandlerExecutionChain.java
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* /opt/ws_local/PERMITS_SQL/1089320995_1600118617.01/0/spring-webmvc-5-1-4-release-sources-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java

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The Linux driver architecture was based on two modules, the MSF (Module
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Hope this helps.

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The following XC500 firmware file "dvb-fe-xc5000-1.6.114.fw" was
created based on "xc5000_firmwares_32000Khz.h".

Firmware provided as part of an XC5000 Linux developers kit by Brian
Mathews <bmathews@xceive.com> to Devin Heitmueller <dheitmueller@linuxtv.org>
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1.2801 opensaml-storage-impl 3.3.0

1.2802 swagger-annotations 1.5.14
package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 * @return an optional URL for the license
 */
String url() default "";

1.2803 jackson 2.8.11

1.2803.1 Available under license:

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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## Credits

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1.2804 netty-handler 4.1.32.Final

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  jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/timeout/package-info.java
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  jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/logging/Log Level.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/stream/ChunkedFile.java
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jar/io/netty/handler/ssl/X509Certificate.java
/ * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/SniHandler.java
/ * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
/ * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/OpenJdkSelfSignedCertGenerator.java
/ * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/PemReader.java
/ * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2.jar/io/netty/handler/ipfilter/IPFilterRuleType.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
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jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
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jar/io/netty/handler/ssl/OpenSslPrivateKey.java
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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
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* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/ast/OpDivide.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/ast/StringLiteral.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/ast/Elvis.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/support/ReflectionHelper.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/ast/OpPlus.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/spel/ast/OpGT.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-jar/org/springframework/expression/BeanResolver.java
* /opt/cola/permits/1110675922_1606842995.89/0/spring-expression-5-1-6-release-sources-
1.2810 perl-parent 0.225-244.el7

1.2811 cxf-xjc-dv 3.1.0

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1.2812 security-web 3.1.4.RELEASE

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* /opt/cola/permits/1091710970_1607116214.8/0/spring-security-web-3-1-4-release-sources-1-
  jar/org/springframework/security/web/authentication/rememberme/JdbcTokenRepositoryImpl.java
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* /opt/cola/permits/1091710970_1607116214.8/0/spring-security-web-3-1-4-release-sources-1-
  jar/org/springframework/security/web/authentication/www/DigestAuthenticationFilter.java
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  jar/org/springframework/security/web/util/ELRequestMatcher.java
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  jar/org/springframework/security/web/jaasapi/JaasApiIntegrationFilter.java
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  jar/org/springframework/security/web/authentication/DelegatingAuthenticationEntryPoint.java
* /opt/cola/permits/1091710970_1607116214.8/0/spring-security-web-3-1-4-release-sources-1-
  jar/org/springframework/security/web/util/RequestMatcherEditor.java

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  jar/org/springframework/security/web/util/ELRequestMatcherContext.java

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  */opt/cola/permits/1091710970_1607116214.8/0/spring-security-web-3-1-4-release-sources-1.jar/org/springframework/security/web/session/HttpSessionEventPublisher.java
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  */opt/cola/permits/1091710970_1607116214.8/0/spring-security-web-3-1-4-release-sources-1.jar/org/springframework/security/web/authentication/www/BasicAuthenticationFilter.java
1.2813 spring-boot-starter-log4j2

2.1.2.RELEASE

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1.2815 gson 2.8.2

1.2816 junit 4.4

1.2817 plexus-archiver 1.0-alpha-9

1.2818 hyphen 2.8.6-5.el7

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*/
/**
* Constructs a new [@link Textifier]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the [@link Textifier(int)]
* version.
* 
* @throws IllegalStateException

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* If a subclass calls this constructor.
*/

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Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this constructor</i>. Instead, they must use the {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)} version.

* @param owner
  * the owner's class name.
* @param access
  * the method's access flags (see {@link Opcodes}).
* @param name
  * the method's name.
* @param desc
  * the method's descriptor (see {@link Type}).
* @param mv
  * the method visitor to which this adapter delegates calls. May be <tt>null</tt>.
* @throws IllegalStateException
  * If a subclass calls this constructor.

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/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
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 *
 * @throws IllegalStateException
 *                  If a subclass calls this constructor.
 */

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/**
  * Creates a new JSRInliner. <i>Subclasses must not use this
  * constructor</i>. Instead, they must use the
  * { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
  * version.
  *
  * @param mv
  *      the <code>MethodVisitor</code> to send the resulting inlined
  *      method code to (use <code>null</code> for none).
  * @param access
  *      the method's access flags (see { @link Opcodes}). This
  *      parameter also indicates if the method is synthetic and/or
  *      deprecated.
  * @param name
  *      the method's name.
  * @param desc
  *      the method's descriptor (see { @link Type}).
  * @param signature
  *      the method's signature. May be <tt>null</tt>.
  * @param exceptions
  *      the internal names of the method's exception classes (see
  *      { @link Type#getInternalName() getInternalName})). May be
  *      <tt>null</tt>.
  *
  * @throws IllegalStateException
  *     If a subclass calls this constructor.
  */

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*/
/**
 * Creates a new [@link GeneratorAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 *
 * @param access
 * the method's access flags (see [@link Opcodes]).
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see [@link Type Type]).
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /
/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See { @link TypeReference}.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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1.2820 commons-http-client 3.0.1

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/*
 * $Revision: 291181 $
 * $Date: 2005-09-23 14:13:25 -0400 (Fri, 23 Sep 2005) $
 *
 * ====================================================================
 */
package org.apache.commons.httpclient;

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

/**
 * Closes an underlying stream as soon as the end of the stream is reached, and
 * notifies a client when it has done so.
 * 
 * @author Ortwin Glueck
 * @author Eric Johnson
 * @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
 * @since 2.0
 */
class AutoCloseInputStream extends FilterInputStream {

    /**
     * True if this stream is open. Assume that the underlying stream
     * is open until we get an EOF indication.
     */
    private boolean streamOpen = true;

    /**
     * True if the stream closed itself. */
    private boolean selfClosed = false;
}
private ResponseConsumedWatcher watcher = null;

public AutoCloseInputStream(
    final InputStream in, final ResponseConsumedWatcher watcher) {
    super(in);
    this.watcher = watcher;
}

public int read() throws IOException {
    int l = -1;
    if (isReadAllowed()) {
        // underlying stream not closed, go ahead and read.
        l = super.read();
        checkClose(l);
    }
    return l;
}

public int read(byte[] b, int off, int len) throws IOException {
int l = -1;

if (isReadAllowed()) {
    l = super.read(b, off, len);
    checkClose(l);
}

return l;
}

/**
 * Reads some number of bytes from the input stream and stores them into the
 * buffer array b.
 *
 * @param b a <code>byte</code> array to read data into
 * @return the number of bytes read or -1 for EOF
 * @throws IOException if there are errors reading
 */
public int read(byte[] b) throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        l = super.read(b);
        checkClose(l);
    }
    return l;
}

/**
 * Close the stream, and also close the underlying stream if it is not
 * already closed.
 * @throws IOException If an IO problem occurs.
 */
public void close() throws IOException {
    if (!selfClosed) {
        selfClosed = true;
        notifyWatcher();
    }
}

/**
 * Close the underlying stream should the end of the stream arrive.
 *
 * @param readResult The result of the read operation to check.
 * @throws IOException If an IO problem occurs.
 */
private void checkClose(int readResult) throws IOException {
    if (readResult == -1) {

/**
 * See whether a read of the underlying stream should be allowed, and if
 * not, check to see whether our stream has already been closed!
 *
 * @return <code>true</code> if it is still OK to read from the stream.
 * @throws IOException If an IO problem occurs.
 */
private boolean isReadAllowed() throws IOException {
    if (!streamOpen && selfClosed) {
        throw new IOException("Attempted read on closed stream.");
    }
    return streamOpen;
}

/**
 * Notify the watcher that the contents have been consumed.
 * @throws IOException If an IO problem occurs.
 */
private void notifyWatcher() throws IOException {
    if (streamOpen) {
        super.close();
        streamOpen = false;
        if (watcher != null) {
            watcher.responseConsumed();
        }
    }
}

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* /opt/cola/permits/1001043072_1607008525.94/0/slf4j-api-1-6-2-sources-jar/org/slf4j/helpers/SubstituteLoggerFactory.java

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* /opt/cola/permits/1001043072_1607008525.94/0/slf4j-api-1-6-2-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java

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1.2835 jboss-metadata-ear 11.0.0.Final

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1.2836 perl-timedate 2.30-2.el7
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TYY0HZnh/perl-TimeDate.spec
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=head1 NAME

Date::Language::Hungarian - Magyar format for Date::Format

=head1 SYNOPSIS

my $lang = Date::Language->new('Hungarian');
print $lang->time2str("%a %b %e %T %Y", time);

@lt = localtime(time);
print $lang->time2str($template, time);
print $lang->strftime($template, @lt);

print $lang->time2str($template, time, $zone);
print $lang->strftime($template, @lt, $zone);

print $lang->ctime(time);
print $lang->asctime(@lt);

print $lang->ctime(time, $zone);
print $lang->asctime(@lt, $zone);

See L<Date::Format>.

=head1 AUTHOR

Paula Goddard (paula -at- paulacska -dot- com)

=head1 LICENCE

Made available under the same terms as Perl itself.

=cut

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TYY0HZnh/TimeDate-2.30.tar.gz-cosi-expand-archive-1QqPpzBu/TimeDate-
2.30/lib/Date/Language/Hungarian.pm
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---
abstract: unknown
author:
- 'Graham Barr <gbarr@pobox.com>'
build_requires:
ExtUtils::MakeMaker: 0
configure_requires:
ExtUtils::MakeMaker: 0
dynamic_config: 1
generated_by: 'ExtUtils::MakeMaker version 6.64, CPAN::Meta::Converter version 2.120921'
license: perl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: TimeDate
no_index:
directory:
  - t
  - inc
requires: {}
resources:
  repository: http://github.com/gbarr/perl-TimeDate
version: 2.30

Found in path(s):
  * /opt/cola/permits/1005120692_1606843884.97/0/perl-TimeDate-2.30-2.el7-1.src.rpm-cosi-expand-archive-
    TYY0HZnh/TimeDate-2.30.tar.gz-cosi-expand-archive-1QqPpzBu/TimeDate-2.30/META.yml
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This is the perl5 TimeDate distribution. It requires perl version 5.003
or later

This distribution replaces my earlier GetDate distribution, which was
only a date parser. The date parser contained in this distribution is
far superior to the yacc based parser, and a *lot* faster.

The parser contained here will only parse absolute dates, if you want a
date parser that can parse relative dates then take a look at the Time
modules by David Muir on CPAN.

You install the library by running these commands:

    perl Makefile.PL
    make
    make test
    make install

Please report any bugs/suggestions to <gbarr@pobox.com>

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Graham <gbarr@pobox.com>
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=encoding utf8
=head1 NAME
Date::Language::Bulgarian - localization for Date::Format
=head1 DESCRIPTION
This is Bulgarian localization for Date::Format.
It is important to note that this module source code is in utf8.
All strings which it outputs are in utf8, so it is safe to use it
currently only with English. You are left alone to try and convert
the output when using different Date::Language::* in the same application.
This should be addresed in the future.
=head1 SYNOPSIS
use strict;
use warnings;
use Date::Language;
local $\=$/;
my $template ='%a %b %e %T %Y (%Y-%m-%d %H:%M:%S)';
my $time=1290883821; #or just use time();
my @lt = localtime($time);
my %languages = qw(English GMT German EEST Bulgarian EET);
binmode(select,':utf8');
foreach my $l(keys %languages){
my $lang = Date::Language->new($l);
my $zone = $languages{$l};
print $/. "$l $zone";
print $lang->time2str($template, $time);
print $lang->time2str($template, $time, $zone);
print $lang->strftime($template, \@lt);
}
=head1 AUTHOR

Open Source Used In Data Center Network Manager 11.5(1) 24715


Krasimir Berov (berov@cpan.org)

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=cut

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TYY0HZnh/TimeDate-2.30.tar.gz-cosi-expand-archive-1QqPpzBu/TimeDate-2.30/lib/Date/Language/Bulgarian.pm

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TYY0HZnh/TimeDate-2.30.tar.gz-cosi-expand-archive-1QqPpzBu/TimeDate-2.30/lib/Date/Parse.pm
* /opt/cola/permits/1005120692_1606843884.97/0/perl-TimeDate-2.30-2.el7-1.src.rpm-cosi-expand-archive-
TYY0HZnh/TimeDate-2.30.tar.gz-cosi-expand-archive-1QqPpzBu/TimeDate-2.30/lib/Date/Format.pm

1.2837 commons-logging-jboss-logging

1.0.0.Final

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1.2838 commons-http-client 3.1

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Version 2.0, January 2004

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Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available from

http://www.ijs.si/software/snprintf/

. The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at

    src/preproc/grn/gprint.h
    src/preproc/grn/hdb.cpp
    src/preproc/grn/hgraph.cpp
    src/preproc/grn/hpoint.cpp
    src/preproc/grn/main.cpp

. The `gxditview' output device. It is based on X11’s `xditview' program and thus has the X license.

    src/devices/xditview/DESC.in
    src/devices/xditview/Dvi.c
    src/devices/xditview/Dvi.h
    src/devices/xditview/DviP.h
    src/devices/xditview/FontMap
    src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
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src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h

src/libxutil/DviChar.c
src/libxutil/XFontName.c

Macro Packages
---------------

. The -mdoc macro set, using the BSD license.

tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
tmac/doc-syms
tmac/groff_mdoc.man

. The -me macro set, using the BSD license.

tmac/e.tmac
tmac/groff_me.man
doc/meintro.me
doc/meref.me
Hyphenation Patterns
---------------------

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of the TeX system written by Donald E. Knuth; the master file can be found at

        ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

It has been renamed for consistency, i.e., to make patterns available under the filenames `hyphen.<language>', e.g. `hyphen.de' or `hyphen.uk'.

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. The file `tmac/hyphen.fr' contains the same patterns as the file `frhyph.tex' (for TeX), which can be found at

        http://dante.ctan.org/CTAN/language/hyphenation/frhyph.tex

The patterns have been converted to a format groff can understand.

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AUTHOR
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Peter Schaffter (peter@schaffter.ca)
1-355 Lafontaine Ave
Ottawa (ON) K1L 6X6

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1.2854 sysv-init 2.88-14.dsf.el7

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Send patches to sysvinit-devel@nongnu.org

The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
* public domain.

1.2855 icu 57

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =
```
# Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

# Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

# Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

# Shared object suffix
SO = so

# Non-shared intermediate object suffix
STATIC_O = ao

# Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

# Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$/(SHELL) -ec "$/(GEN_DEPS.c) $< \n | sed \"s/(\$\n).o:\[ ]*\n.o $@ : /g\n\" > $@; \n [ -s $@ ] || rm -f $@’

%.d: $(dir)/%.cpp
@echo "generating dependency information for $<"
@$/(SHELL) -ec "$/(GEN_DEPS.cc) $< \n | sed \"s/(\$\n).o:\[ ]*\n.o $@ : /g\n\" > $@; \n [ -s $@ ] || rm -f $@’

# Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s $(<F>) $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s $(<F>).$(SO).$(SO_TARGET_VERSION) $@
## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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

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

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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

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

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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

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Apache

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

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Contributors to bttv:

Michael Chu <mmchu@pobox.com>
AverMedia fix and more flexible card recognition

Alan Cox <alan@lxorguk.uku.org.uk>
Video4Linux interface and 2.1.x kernel adaptation

Chris Kleitsch
Hardware I2C

Gerd Knorr <kraxel@cs.tu-berlin.de>
Radio card (ITT sound processor)
bigfoot <bigfoot@net-way.net>
Ragnar Hojland Espinosa <ragnar@macula.net>
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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for his LIRC infrared handler

Andreas Oberritter <obi@linuxtv.org>
Dennis Noermann <dennis.noermann@noernet.de>
Felix Domke <tmbinc@elitedvb.net>
Florian Schirmer <jolt@tuxbox.org>
Ronny Strutz <3des@elitedvb.de>
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Peter Schildmann <peter.schildmann@web.de>
for the driver for the Technisat SkyStar2 PCI DVB card

Vadim Catana <skystar@moldova.cc>
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Michael Dreher <michael@5dot1.de>
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Ernst Peinlich <e.peinlich@inode.at>
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Michael Krufky <mkrufky@milk.net>
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Taylor Jacob <rtjacob@earthlink.net>
for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

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for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
* 
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
* 
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
* 
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
* 
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
* 
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
Fix is simple: make large buffers large enough to hold entire SDU, and leave <small_buffer_data> bytes empty at the start. Then copy small buffer contents to head of large buffer.

Trick is to avoid fragmenting Linux, due to need for a lot of large buffers. This is done by 2 things:

1) skb->destructor / skb->atm.recycle_buffer combined, allow nicstar_free_rx_skb to be called to recycle large data buffers

2) skb_clone of received buffers

See nicstar_free_rx_skb and linearize_buffer for implementation details.

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 *
 * M. Welsh, 6 July 1996
 *
 */

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Version 2.1, February 1999

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the
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If such an object file uses only numerical parameters, data
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c) If distribution of the work is made by offering access to copy
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d) Verify that the user has already received a copy of these
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* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/selector/GlobalSelector.java
* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/Factory.java
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* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/selector/Selector.java
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* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/cpu/CacheInfo.java
* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/cpu/ProcessorInfo.java
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* /opt/ws_local/PERMITS_SQL/1039325122_1594140092.89/0/wildfly-common-1-1-0-final-sources-jar/org/wildfly/common/Assert.java

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