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1.3 pcre2 10.32-5

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
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1.5 pixman 0.36.0-1

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1.13 jline-terminal-jna 3.10.0

1.14 selinux 2.4-3build2
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1.15 method-source 1.0.0

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1.16 poi-ooxml 4.1.1

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- 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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1.20 logstash-filter-date 3.1.11

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1.21 yang-common 0.8.4-Beryllium-SR4

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1.22 awsjavasdkec 1.11.415

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Describes the ID format settings for your resources on a per-region basis, for example, to view which resource types are enabled for longer IDs. This request only returns information about resource types whose ID formats can be modified; it does not return information about other resource types.


These settings apply to the IAM user who makes the request; they do not apply to the entire AWS account. By default, an IAM user defaults to the same settings as the root user, unless they explicitly override the settings by running the ModifyIdFormat command. Resources created with longer IDs are visible to all IAM users, regardless of these settings and provided that they have permission to use the relevant Describe command for the resource type.

@param describeIdFormatRequest Contains the parameters for DescribeIdFormat.

@return A Java Future containing the result of the DescribeIdFormat operation returned by the service.

@sample AmazonEC2Async.DescribeIdFormat
<p>Modifies the ID format for the specified resource on a per-region basis. You can specify that resources should receive longer IDs (17-character IDs) when they are created.</p>

This request can only be used to modify longer ID settings for resource types that are within the opt-in period. Resources currently in their opt-in period include: <code>bundle</code> | <code>conversion-task</code> |
<code>customer-gateway</code> | <code>dhcp-options</code> | <code>elastic-ip-allocation</code> |
<code>elastic-ip-association</code> | <code>export-task</code> | <code>flow-log</code> |
<code>image</code> | <code>import-task</code> | <code>internet-gateway</code> | <code>network-acl</code> |
<code>network-acl-association</code> | <code>network-interface</code> | <code>network-interface-attachment</code> |
<code>prefix-list</code> | <code>route-table</code> | <code>route-table-association</code> |
<code>security-group</code> | <code>subnet</code> | <code>subnet-cidr-block-association</code> |
<code>vpc</code> |
<code>vpc-cidr-block-association</code> | <code>vpc-endpoint</code> | <code>vpc-peering-connection</code> |
<code>vpn-connection</code> | <code>vpn-gateway</code>.

This setting applies to the IAM user who makes the request; it does not apply to the entire AWS account. By default, an IAM user defaults to the same settings as the root user. If you're using this action as the root user, then these settings apply to the entire account, unless an IAM user explicitly overrides these settings for themselves. For more information, see the Amazon Elastic Compute Cloud User Guide.</p>

Resources created with longer IDs are visible to all IAM roles and users, regardless of these settings and provided that they have permission to use the relevant <code>Describe</code> command for the resource type.

* @param modifyIdFormatRequest
  Contains the parameters of ModifyIdFormat.
* @return A Java Future containing the result of the ModifyIdFormat operation returned by the service.
  @sample AmazonEC2Async.ModifyIdFormat
  * Resources created with longer IDs are visible to all IAM roles and users, regardless of these settings and provided that they have permission to use the relevant <code>Describe</code> command for the resource type.
  */
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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/AmazonEC2Async.java

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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/LaunchPermission.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/CreateKeyPairRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DeleteLaunchTemplateRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ModifyVpcPeeringConnectionOptionsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/MarketType.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ReservedInstancesListing.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/NetworkInterface.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/VolumeDetailStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/CreateSpotDatafeedSubscriptionRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/IdFormatStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/VpcCidrBlockAssociation.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/LaunchTemplateCpuOptionsRequestStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ScheduledInstancesIpv6Address.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DisassociateAddressRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/InstanceStatusSummary.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyVpcEndpointServiceConfigurationResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/AttachClassicLinkVpcRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/RouteTable.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/CreateReservedInstancesListingResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/LaunchTemplateOverrides.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeVolumesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ModifyVolumeAttributeResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ContactCustomerGatewayStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeAccountAttributesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/AssociateDhcpOptionsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/Image.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/AssociateIamInstanceProfileRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/RegisterImageResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DeleteTagsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeNetworkInterfacesRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/GetLaunchTemplateDataResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/NetworkInterfaceAttachmentChanges.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/InstanceCount.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DeleteTagsRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/CreateTagsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/S3Storage.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/VpcAttributeName.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeSpotFleetInstancesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeSpotDatafeedSubscriptionResult.java
jar/com/amazonaws/services/ec2/model/transform/AssociateAddressResultStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/LaunchPermissionModifications.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/InstanceAttributeName.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/BundleTaskError.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/InstanceMarketOptionsRequestStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/CreateFpgaImageResultStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeHostReservationOfferingsRequest.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DeleteKeyPairResult.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/BundleTaskStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/LaunchTemplateIamInstanceProfileSpecificationRequestStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/HostProperties.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/AccountAttributeValueStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/Purchase.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/ModifyVpcEndpointRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/VpcEndpointStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/transform/VpnConnectionStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/AssignIpv6AddressesResult.java

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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyFleetResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ImportKeyPairResultStaxUnmarshall.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/HostOffering.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/LaunchTemplate.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ResetFpgaImageAttributeRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ReservedInstancesListingStaxUnmarshall.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/UnassignIpv6AddressesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DeleteVpnGatewayRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeSpotFleetInstancesResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateVpcEndpointRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ReservedInstancesConfigurationStaxUnmarshall.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeClassicLinkInstancesResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/VolumeState.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ResetSnapshotAttributeResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ReservedInstanceReservationValue.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/waiters/InstanceStopped.java
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jar/com/amazonaws/services/ec2/model/transform/DescribeVpcClassicLinkDnsSupportResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DescribeReservedInstancesOfferingsResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CreateInternetGatewayResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/package-info.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/AttachNetworkInterfaceRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/VpnStaticRoute.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DeleteDhcpOptionsResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/FleetExcessCapacityTerminationPolicy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DeletePlacementGroupRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/LaunchTemplateEbsBlockDeviceRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DeleteLaunchTemplateVersionsResponseErrorItemStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ReplaceNetworkAclEntryResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateNatGatewayRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/InstanceLifecycleType.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/PurchaseScheduledInstancesResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ModifyReservedInstancesResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/AddressStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/TerminateInstancesRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/FilterStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/DescribeFleetHistoryResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/InstanceAttribute.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/EbsInstanceBlockDeviceStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/DeleteInternetGatewayResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeVpcEndpointServicesResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/modify/ModifyInstanceIdFormatRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/HistoryRecordEntryStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/VpcIpv6CidrBlockAssociationStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyInstancePlacementRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/GetReservedInstancesExchangeQuoteResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/PlacementStrategy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeReservedInstancesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/FleetLaunchTemplateOverridesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeKeyPairsRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DisassociateAddressResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/NetworkInterfaceIpv6AddressStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateInstanceExportTaskResultStaxUnmarshaller.java
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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateSpotDatafeedSubscriptionRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/InternetGatewayStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeBundleTasksRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/LaunchTemplateSpotMarketOptions.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/waiters/VolumeDeleted.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/State.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DetachInternetGatewayRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateVpcPeeringConnectionRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateVpnGatewayRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/CreateNetworkAclEntryResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/AssociateVpcCidrBlockResult.java
Open Source Used In Cisco Optical Network Planner 4.2.2 310
jar/com/amazonaws/services/ec2/model/transform/CopyFpgaImageResultStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DescribeLaunchTemplatesResult.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/ModifyVolumeRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DescribeRegionsRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/Address.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ModifyVpcEndpointResult.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DeregisterImageResultStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CreateFlowLogsRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/StaleSecurityGroupStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DeleteSpotDatafeedSubscriptionRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ModifyVpcEndpointServiceConfigurationRequest.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ResponseLaunchTemplateData.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DescribeVpcClassicLinkRequest.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CancelSpotFleetRequestsErrorStaxUnmarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ConversionTaskState.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ResponseLaunchTemplateData.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DescribeVpcClassicLinkRequest.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/RejectVpcEndpointConnectionsResult.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DescribeNetworkInterfacesRequest.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CopySnapshotRequestMarshaller.java
* /opt/cola/permits/114119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/DescribePrefixListsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/MoveAddressToVpcResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/MonitoringState.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/CreateFleetRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DescribeVpcEndpointConnectionNotificationsRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CancelExportTaskRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/ScheduledInstancesIamInstanceProfile.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DeleteNatGatewayRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/OnDemandAllocationStrategy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DescribeStaleSecurityGroupsRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/DisableVpcClassicLinkDnsSupportResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/OnDemandAllocationStrategy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/Waiters/InstanceRunning.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-
jar/com/amazonaws/services/ec2/model/transform/CreateTagsResultStaxUnmarshaller.java

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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyReservedInstancesRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/InstanceStatusDetails.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyInstanceCreditSpecificationResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/PrincipalIdFormat.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyVpeEndpointServicePermissionsRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ValidateNetworkAclEntryRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ServiceConfiguration.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/HostTenancy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyVolumeAttributeResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DeleteFleetErrorItem.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DeleteNetworkAclRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/HostTenancy.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ModifyVolumeAttributeResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ModifyVolumeAttributeResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/VolumeStatusName.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/AvailabilityZone.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/AttachNetworkInterfaceResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/ResetFpgaImageAttribute Name.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/EnableVpcClassicLinkRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeInstanceStatusRequest java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/CreateInstanceExportTaskRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/IdFormat.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DisassociateRouteTableResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/PeeringConnectionOptions.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/PrefixListStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/ModifyReservedInstancesRequestMarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/DescribeImageAttributeRequest java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1.jar/com/amazonaws/services/ec2/model/transform/LaunchTemplateOverridesStaxUnmarshaller.java

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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ConnectionNotificationType.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/DescribeAggregateIdFormatRequest.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/ModifyFpgaImageAttributeRequest.java
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* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/StatusType.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/model/InstanceState.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/waiters/ConversionTaskCompleted.java
* /opt/ cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1- jar/com/amazonaws/services/ec2/model/RestoreAddressToClassicResultStaxUnmarshaller.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1- jar/com/amazonaws/services/ec2/model/AssociateDhcpOptionsResult.java
* /opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1- jar/com/amazonaws/services/ec2/model/ElasicGpuHealthStaxUnmarshaller.java
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*
Describes the ID format settings for your resources on a per-region basis, for example, to view which resource
types are enabled for longer IDs. This request only returns information about resource types whose ID formats can
be modified; it does not return information about other resource types.


These settings apply to the IAM user who makes the request; they do not apply to the entire AWS account. By
default, an IAM user defaults to the same settings as the root user, unless they explicitly override the settings
by running the <a>ModifyIdFormat</a> command. Resources created with longer IDs are visible to all IAM
users, regardless of these settings and provided that they have permission to use the relevant <code>Describe</code>
command for the resource type.

@param describeIdFormatRequest
* Contains the parameters for DescribeIdFormat.

@return Result of the DescribeIdFormat operation returned by the service.

@see <a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/DescribeIdFormat" target="_top">AWS API
* Documentation</a>
* */
/** *
* Modifies the ID format for the specified resource on a per-region basis. You can specify that resources should
* receive longer IDs (17-character IDs) when they are created.
* </p>
* </p>
* This request can only be used to modify longer ID settings for resource types that are within the opt-in period.
* Resources currently in their opt-in period include: <code>bundle</code> | <code>conversion-task</code> |
* <code>customer-gateway</code> | <code>dhcp-options</code> | <code>elastic-ip-allocation</code> | 
* <code>elastic-ip-association</code> | <code>export-task</code> | <code>flow-log</code> | 
* <code>image</code> | 
* <code>import-task</code> | <code>internet-gateway</code> | <code>network-acl</code> | 
* <code>network-acl-association</code> | <code>network-interface</code> | <code>network-interface-attachment</code> 
* | <code>prefix-list</code> | <code>route-table</code> | <code>route-table-association</code> | 
* <code>security-group</code> | <code>subnet</code> | <code>subnet-cidr-block-association</code> | 
* <code>vpc</code> | 
* | <code>vpc-cidr-block-association</code> | <code>vpc-endpoint</code> | <code>vpc-peering-connection</code> | 
* <code>vpn-connection</code> | <code>vpn-gateway</code>.
* </p>
* </p>
* This setting applies to the IAM user who makes the request; it does not apply to the entire AWS account. By
* default, an IAM user defaults to the same settings as the root user. If you're using this action as the root
* user, then these settings apply to the entire account, unless an IAM user explicitly overrides these settings for
* themselves. For more information, see <a href="http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/resource-ids.html">Resource IDs</a> in the
* Amazon Elastic Compute Cloud User Guide</i>.</p>
* </p>
* </p>
* Resources created with longer IDs are visible to all IAM roles and users, regardless of these settings and
* provided that they have permission to use the relevant <code>Describe</code> command for the resource type.
* </p>
* *
* @param modifyIdFormatRequest
* Contains the parameters of ModifyIdFormat.
* @return Result of the ModifyIdFormat operation returned by the service.
* @sample AmazonEC2.ModifyIdFormat
* @see &lt;a href="http://docs.aws.amazon.com/goto/WebAPI/ec2-2016-11-15/ModifyIdFormat" target="_top">AWS API
* Documentation</a>
*/

---

Found in path(s):
*/opt/cola/permits/1141119424_1614932506.53/0/aws-java-sdk-ec2-1-11-415-sources-1-jar/com/amazonaws/services/ec2/AmazonEC2.java
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*/
/**
  * One or more filters.
  */
<p>
<li>
  <code>create-time</code> - The time the launch template version was created.
</li>
<li>
  <code>ebs-optimized</code> - A boolean that indicates whether the instance is optimized for Amazon EBS I/O.
</li>
<li>
  <code>iam-instance-profile</code> - The ARN of the IAM instance profile.
</li>
<li>
  <code>image-id</code> - The ID of the AMI.
</li>
<li>
  <code>instance-type</code> - The instance type.
</li>
<li>
  <code>is-default-version</code> - A boolean that indicates whether the launch template version is the default version.
</li>
<li>
  <code>kernel-id</code> - The kernel ID.
</li>
<li>
  <code>ramdisk-id</code> - The RAM disk ID.
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*/
1.23 metrics-core 2.2.0

1.23.1 Available under license:

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 *
 * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/main/java/util/concurrent/ThreadLocalRandom.java?view=markup
 */

Found in path(s):
/* /opt/cola/permits/1145440743_1616178883.36/0/metrics-core-2-2-0-sources-5-jar/com/yammer/metrics/stats/ThreadLocalRandom.java */

1.24 lru-redux 1.1.0-3.ph4

1.24.1 Available under license:

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1.25 xfonts-utils 7.7+6

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Packaged by: David Nusinow <dnusinow@debian.org> and others.
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https://xorg.freedesktop.org/releases/individual/app/

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1.27 nss-util 3.67.0-1.el7_9

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1.37 patch 2.7.5-1+deb8u3

1.37.1 Available under license:

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allows you to apply diffs to a file automagically.

The current maintainer for this package is Laszlo Boszormenyi (GCS)
<gcs@debian.org>.

Previous maintainers were Bill Mitchell <mitchell@mdd.comm.mot.com>,
Darren Stalder <torin@daft.com>, Adrian Bunk <bunk@fs.tum.de>,
Michael Fedrowitz <michaelf@debian.org> and Christoph Berg <myon@debian.org>.

The upstream source is available at 'ftp://ftp.gnu.org/gnu/patch/', resp.
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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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1.48 coreutils 8.22 24.el7

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/* chown-core.c -- core functions for changing ownership.  
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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\
   || (E)->fts_info == FTS_DC\
   || (E)->fts_info == FTS_DP\
   || (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);
        }
    }
/* 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"));
          break;
        }
  }
}
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);
        return status;
    }
    else
    {
        status = 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));
        return false;
      }
    }
    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, "%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;
}

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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 (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, oldgrp,
    chopt->user_name, chopt->group_name);
  free (old_usr);
  free (old_grp);
}

if ( ! chopt->recurse)
  fts_set (fts, ent, FTS_SKIP);

return ok;
}

/* Change the owner and/or group of the specified FILES.
BIT_FLAGS specifies how to treat each symlink-to-directory
that is encountered during a recursive traversal.

CHOPT specifies additional options.
If UID is not -1, then change the owner id of each file to UID.
If GID is not -1, then change the group id of each file to GID.
If REQUIRED_UID and/or REQUIRED_GID is not -1, then change only
files with user ID and group ID that match the non(-1) value(s).
Return true if successful. */

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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1.49 domain-name 0.5.20190701

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* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/ReflectionHelper.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/StandardTypeConverter.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/DataBindingMethodResolver.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/StandardOperatorOverloader.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/SpelEvaluationException.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/common/CompositeStringExpression.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/common/LiteralExpression.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/common/SimpleEvaluationContext.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/common/ExpressionException.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/DataBindingPropertyAccessor.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/ast/FormatHelper.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/StandardEvaluationContext.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/Operation.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/common/TemplateAwareExpressionParser.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/BeanResolver.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/CodeFlow.java
* /opt/cola/permits/113588237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/ExpressionState.java
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  jar/org/springframework/expression/EvaluationException.java
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  jar/org/springframework/expression/spel/standard/Token.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-
  jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
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  jar/org/springframework/expression/ExpressionAccessException.java
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  jar/org/springframework/expression/TypeConverter.java
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  jar/org/springframework/expression/spel/SpelParseException.java
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  jar/org/springframework/expression/TypeComparator.java
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  jar/org/springframework/expression/SpelParserConfigurationException.java
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  jar/org/springframework/expression/ParserConfigurationException.java
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  jar/org/springframework/expression/ParserContext.java

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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorInstanceof.java
* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/IntLiteral.java
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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/VariableReference.java
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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/Literal.java
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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/Selection.java
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* /opt/cola/permits/1135888237_1613626355.04/0/spring-expression-5-2-8-release-sources-1-jar/org/springframework/expression/spel/ast/Operator.java

1.66 spring-cloud-netflix-zuul 2.2.3.RELEASE
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* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/ZuulRouteApplicationContextInitializer.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/ZuulProxyMarkerConfiguration.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/FiltersEndpoint.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/ZuulServerMarkerConfiguration.java

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  jar/org/springframework/cloud/netflix/zuul/filters/route/okhttp/OkHttpRibbonCommand.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-
  jar/org/springframework/cloud/netflix/zuul/RoutesEndpoint.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-
  jar/org/springframework/cloud/netflix/zuul/EnableZuulServer.java
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  jar/org/springframework/cloud/netflix/zuul/filters/discovery/DiscoveryClientRouteLocator.java
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  jar/org/springframework/cloud/netflix/zuul/filters/pre/SendResponseFilter.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-
  jar/org/springframework/cloud/netflix/zuul/filters/route/support/AbstractRibbonCommand.java
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* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/filters/discovery/PatternServiceRouteMapper.java
* /opt/cola/permits/1142777888_1615476363.91/0/spring-cloud-netflix-zuul-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/zuul/filters/discovery/SimpleServiceRouteMapper.java
1.67 jnr-a64asm 1.0.0

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* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Post_index.java
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1.68 jackson-annotations 2.9.9

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```

Local Variables:
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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 (objc-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (objc-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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*/

1.74 glew 1.7.0

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Mesa 3-D graphics library
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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/com/mongodb/internal/thread/DaemonThreadFactory.java
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  jar/com/mongodb/operation/CurrentOpOperation.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/com/mongodb/operation/FsyncUnlockOperation.java
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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/util/AbstractCopyOnWriteMap.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/util/CopyOnWriteMap.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/gridfs/codecs/package-info.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/connection/DefaultAuthenticator.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/CursorType.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/Tag.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/MongoNodeIsRecoveringException.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/MongoWriteConcernException.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/binding/AbstractReferenceCounted.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/tagset/MongoWriteException.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/binding/QueryProtocol.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/model/FindOneAndDeleteOptions.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/model/FindOneAndDeleteOptions.java
jar/com/mongodb/DBCollection.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/DBCursor.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/connection/InsertMessage.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/BsonDouble.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/connection/GetMoreMessage.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/connection/WriteProtocol.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/RawBsonDocument.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/BsonSymbol.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/BsonDocument.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/ByteBuf.java
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jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/ReadConcern.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/gridfs/model/GridFSFile.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/MongoGridFSException.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/MongoGridFSUploadOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/internal/HexUtils.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/model/ValidationOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/client/gridfs/GridFSBucketImpl.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1.jar/com/mongodb/assertions/Assertions.java

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  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/LineString.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandListenerMulticaster.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/ListCollectionsIterable.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/ListDatabasesIterable.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/IndexModel.java
  */opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/ListCollectionsIterableImpl.java
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  jar/com/mongodb/client/model/Sorts.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/com/mongodb/client/model/Filters.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/com/mongodb/client/model/Projections.java

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 */

**

* Returns an array containing all of the elements in this deque, in
* proper sequence (from first to last element).
*
* <p>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.
* *
* <p>This method acts as bridge between array-based and collection-based
* APIs.
* 
* @return an array containing all of the elements in this deque
*/

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionOpenedEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionCheckedInEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionPoolClosedEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ServerEventMulticaster.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionAddedEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandEventMulticaster.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionRemovedEvent.java
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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ConnectionPoolWaitQueueEnteredEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/ServerMonitorEventMulticaster.java

* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/NamedCoordinateReferenceSystemCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/LineStringCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/PushOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/BuildersHelper.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandListener.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandSucceededEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/MultiPolygonCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/PolygonCoordinates.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/MultiPointCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/GeoJSONCodec.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandFailedEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/Accumulators.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/SimpleExpression.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/event/CommandStartedEvent.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/codecs/GeometryCollectionCodec.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/geojson/GeometryCollection.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/com/mongodb/client/model/BsonField.java

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* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-jar/org/bson/assertions/package-info.java
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  jar/com/mongodb/connection/ExponentiallyWeightedMovingAverage.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/org/bson/codecs/UuidCodecHelper.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/org/bson/BsonDocumentReader.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/org/bson/codecs/UuidCodecProvider.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
  jar/com/mongodb/client/model/CountOptions.java
* /opt/cola/permits/1138241802_1614277760.45/0/mongo-java-driver-3-3-0-sources-1-
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If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

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```verbatim
@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
c End:
```

1.80 spring-security-crypto 5.3.4.RELEASE

1.80.1 Available under license:

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```verbatim
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*/

Found in path(s):
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/encrypt/BytesEncryptor.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/password/StandardPasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/util/EncodingUtils.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/keygen/KeyGenerators.java

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Found in path(s):
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/bcrypt/BCrypt.java
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* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/bcrypt/BCryptPasswordEncoder.java
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* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/password/Md4PasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/password/Md4PasswordEncoder.java
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 */
/**
 * Base64 encoder which is a reduced version of Robert Harder's public domain
 *<p>
 * For internal use only.
 *
 * @author Luke Taylor
 * @since 3.0
 * @deprecated Use java.util.Base64
 */

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Found in path(s):
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/argon2/Argon2PasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/scrypt/SCryptPasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/argon2/Argon2EncodingUtils.java
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* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/password/AbstractPasswordEncoder.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/codec/Hex.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/codec/Utf8.java
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-jar/org/springframework/security/crypto/codec/package-info.java
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Found in path(s):
* /opt/cola/permits/1136006561_1613652288.88/0/spring-security-crypto-5-3-4-release-sources-1-
  jar/org/springframework/security/crypto/password/Digester.java
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  jar/org/springframework/security/crypto/encrypt/Encryptors.java
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 */
1.81 back_pressure 1.0.0

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1.82 debian-archive-keyring 2017.5~deb8u1

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This package was originally put together by Michael Vogt <mvo@debian.org>

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1.83 webencodings 0.5.1

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* /opt/cola/permits/1110814957_1606854649.94/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py
* /opt/cola/permits/1110814957_1606854649.94/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py
* /opt/cola/permits/1110814957_1606854649.94/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1110814957_1606854649.94/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/__init__.py

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from setuptools import setup, find_packages
import io
import os
import re

VERSION = re.search("VERSION = '([^']+)'", io.open(    'path.join(path.dirname(__file__), 'webencodings', '__init__.py'),    encoding='utf-8').read().strip()).group(1)

LONG_DESCRIPTION = io.open(    'path.join(path.dirname(__file__), 'README.rst'),    encoding='utf-8').read()

setup(    name='webencodings',    version=VERSION,    url='https://github.com/SimonSapin/python-webencodings',
license='BSD',
author='Simon Sapin',
author_email='simon.sapin@exyr.org',
maintainer='Geoffrey Sneddon',
maintainer_email='me@gsnedders.com',
description='Character encoding aliases for legacy web content',
long_description=LONG_DESCRIPTION,
classifiers=[
    'Development Status :: 4 - Beta',
    'Intended Audience :: Developers',
    'License :: OSI Approved :: BSD License',
    'Programming Language :: Python',
    'Programming Language :: Python :: 2',
    'Programming Language :: Python :: 2.6',
    'Programming Language :: Python :: 2.7',
    'Programming Language :: Python :: 3',
    'Programming Language :: Python :: 3.3',
    'Programming Language :: Python :: 3.4',
    'Programming Language :: Python :: 3.5',
    'Programming Language :: Python :: 3.6',
    'Programming Language :: Python :: Implementation :: CPython',
    'Programming Language :: Python :: Implementation :: PyPy',
    'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py

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===

webencodings.mklabels
~~~~~~~~~~~~~~~~~~~~~~

Regenarate the webencodings.labels module.

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===

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen
def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = [
        ""'
    webencodings.labels
    ~~~~~~~~~~~~~~~~~~~~

    Map encoding labels to their name.

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    ~~~~

    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
        ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
        repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        " %s:%s %s %s,\n" % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}
    return ''.join(parts)

    if __name__ == '__main__':
        print(generate('http://encoding.spec.whatwg.org/encodings.json'))

    Found in path(s):
    * /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1-tar.gz/webencodings-0.5.1/webencodings/mklabels.py
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This is a Python implementation of the `WHATWG Encoding standard <http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
* License: BSD
* Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like `Content-Type: text/html; charset=latin1` tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, `US-ASCII` and `iso-8859-1` on the web are actually aliases for `windows-1252`, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO
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python-webencodings
===================
This is a Python implementation of the `WHATWG Encoding standard` http://encoding.spec.whatwg.org/`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
  https://github.com/gsnedders/python-webencodings
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In order to be compatible with legacy web content
when interpreting something like `"Content-Type: text/html; charset=latin1"`,
tools need to use a particular set of aliases for encoding labels
as well as some overriding rules.
For example, `"US-ASCII"` and `"iso-8859-1"` on the web are actually
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over any other encoding declaration.
The Encoding standard defines all such details so that implementations do
not have to reverse-engineer each other.

This module has encoding labels and BOM detection,
but the actual implementation for encoders and decoders is Pythons.

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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.

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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.
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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.)
@end enumerate

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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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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
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@enumerate a
@item
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@item
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@end enumerate

@end subheading END OF TERMS AND CONDITIONS

@page
@subheading How to Apply These Terms to Your New Libraries

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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 Program.

In addition, mere aggregation of another work not based on the Program
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   c) 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 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.

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[This is the first released version of the library GPL. It is
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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 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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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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Appendix: How to Apply These Terms to Your New Libraries

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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

That's all there is to it!
commit ef7344f09c5ce00eb519ed14598b2a8e39c68387
Author: Joseph Myers <joseph@codesourcery.com>
Date:   Sun Dec 22 14:49:48 2013 +0000

Flatten sysdeps/unix/bsd/bsd4.4 into sysdeps/unix/bsd.

As discussed in

The bulk of the patch is just moving files. The only other changes are: update paths in sysdeps/mach/hurd/Implies and sysdeps/unix/sysv/linux/wait3.c; merge the two syscalls.list files, with the removal of syscalls that were in sysdeps/unix/bsd/syscalls.list but overridden in the bsd4.4 directory by .c files there.

Tested x86_64. The installed shared libraries are identical before and after the patch except for libc.so where the move of wait3.c (included by sysdeps/unix/sysv/linux/wait3.c) affects debug info, but the disassembly is unchanged.

* sysdeps/mach/hurd/Implies: Change unix/bsd/bsd4.4 to unix/bsd.
* sysdeps/unix/bsd/syscalls.list (chflags): Add entry from sysdeps/unix/bsd/bsd4.4/syscalls.list.
  (fchflags): Likewise.
  (revoke): Likewise.
  (setlogin): Likewise.
  (sigaltstack): Likewise.
  (wait4): Likewise.
  (sigblock): Remove.
  (sigsetmask): Likewise.
  (wait3): Likewise.
  (waitpid): Likewise.
* sysdeps/unix/bsd/bsd4.4/syscalls.list: Remove file.
* sysdeps/unix/bsd/bsd4.4/Makefile: Move to ...
* sysdeps/unix/bsd/Makefile: ... here.
* sysdeps/unix/bsd/bsd4.4/ Versions: Move to ...
* sysdeps/unix/bsd/Versions: ... here.
* sysdeps/unix/bsd/bsd4.4/bits/socketaddr.h: Move to ...
* sysdeps/unix/bsd/bits/socketaddr.h: ... here.
* sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c: Move to ...
* sysdeps/unix/bsd/cmsg_nxthdr.c: ... here.
* sysdeps/unix/bsd/bsd4.4/sigblock.c: Move to ...
* sysdeps/unix/bsd/sigblock.c: ... here.
* sysdeps/unix/bsd/bsd4.4/sigsetmask.c: Move to ...
* sysdeps/unix/bsd/sigsetmask.c: ... here.
* sysdeps/unix/bsd/bsd4.4/sigvec.c: Move to ...
* sysdeps/unix/bsd/sigvec.c: ... here.
* sysdeps/unix/bsd/bsd4.4/tcdrain.c: Move to ...
* sysdeps/unix/bsd/tcdrain.c: ... here.
* sysdeps/unix/bsd/bsd4.4/tcgetattr.c: Move to ...
* sysdeps/unix/bsd/tcgetattr.c: ... here.
diff --git a/sysdeps/mach/hurd/Implies b/sysdeps/mach/hurd/Implies
index b6063463ce34f3b7..d2d5234c1fdf1522 100644
--- a/sysdeps/mach/hurd/Implies
+++ b/sysdeps/mach/hurd/Implies
@@ -2,4 +2,4 @@
# Hurd-based GNU systems.
gnu
# The Hurd provides a rough superset of the functionality of 4.4 BSD.
-unix/bsd/bsd4.4
+unix/bsd

diff --git a/sysdeps/unix/bsd/bsd4.4/Makefile b/sysdeps/unix/bsd/Makefile
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/Makefile
rename to sysdeps/unix/bsd/Makefile

diff --git a/sysdeps/unix/bsd/bsd4.4/Versions b/sysdeps/unix/bsd/Versions
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/Versions
rename to sysdeps/unix/bsd/Versions

diff --git a/sysdeps/unix/bsd/bsd4.4/bits/sockaddr.h b/sysdeps/unix/bsd/bits/sockaddr.h
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/bits/sockaddr.h
rename to sysdeps/unix/bsd/bits/sockaddr.h

diff --git a/sysdeps/unix/bsd/bsd4.4/syscalls.list b/sysdeps/unix/bsd/bsd4.4/syscalls.list
deleted file mode 100644
index a4d3546854242ac61..0000000000000000
--- a/sysdeps/unix/bsd/bsd4.4/syscalls.list
@@ @ -1,8 +0,0 @@
-# File nameCallerSyscall name# argsStrong nameWeak names
-
-chflags-chflags2chflags
-fchflags-fchflags2fchflags
-revoke-revoke1revoke
-setlogin-setlogin2setlogin
-sigaltstack-sigaltstack2__sigaltstack-sigaltstack
-wait-wait4__wait4wait4

diff --git a/sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c b/sysdeps/unix/bsd/cmsg_nxthdr.c
similarity index 100%
rename from sysdeps/unix/bsd4.4/cms_nxthdr.c
rename to sysdeps/unix/bsd/cms_nxthdr.c
diff --git a/sysdeps/unix/bsd4.4/sigblock.c b/sysdeps/unix/bsd/sigblock.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/sigblock.c
rename to sysdeps/unix/bsd/sigblock.c
diff --git a/sysdeps/unix/bsd4.4/sigsetmask.c b/sysdeps/unix/bsd/sigsetmask.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/sigsetmask.c
rename to sysdeps/unix/bsd/sigsetmask.c
diff --git a/sysdeps/unix/bsd4.4/sigvec.c b/sysdeps/unix/bsd/sigvec.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/sigvec.c
rename to sysdeps/unix/bsd/sigvec.c
diff --git a/sysdeps/unix/bsd/syscalls.list b/sysdeps/unix/bsd/syscalls.list
  index e84819dc1f19d148..9f48a144d475f342 100644
  --- a/sysdeps/unix/bsd/syscalls.list
  +++ b/sysdeps/unix/bsd/syscalls.list
  @@ -1,14 +1,16 @@
  # File nameCallerSyscall name# argsStrong nameWeak names
  +chflags-chflags2chflags
  +fchflags-fchflags2fchflags
  flock-flock2__flockflock
getdents-getdirententries4__getdirententriesgetdirententries
getdtsz-gettablesiz0__gettablesizegettablesiz
getpagesize-getpagesize0__getpagesizegetpagesize
killpg-killpg2killpg
-sigblock-sigblock1__sigblocksigblock
+revoke-revoke1revoke
+setlogin-setlogin2setlogin
+sigaltstack-sigaltstack2__sigaltstacksigaltstack
+sigpause-sigpause1__sigpausesigpause
-sigsetmask-sigsetmask1__sigsetmasksigsetmask
sigstack-sigstack2sigstack
sigvec-sigvec3__sigvecsигvec
-wait3-wait33__wait3wait3
-waitpid-waitpid3__waitpidwaitpid
  +wait4-wait44__wait4wait4
diff --git a/sysdeps/unix/bsd4.4/tcdrain.c b/sysdeps/unix/bsd/tcdrain.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/tcdrain.c
rename to sysdeps/unix/bsd/tcdrain.c
diff --git a/sysdeps/unix/bsd4.4/tcgetattr.c b/sysdeps/unix/bsd/tcgetattr.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/tcgetattr.c
rename to sysdeps/unix/bsd/tcgetattr.c
diff --git a/sysdeps/unix/bsd4.4/tcgetattr.c b/sysdeps/unix/bsd/tcgetattr.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/tcgetattr.c
rename to sysdeps/unix/bsd/tcgetattr.c
diff --git a/sysdeps/unix/bsd4.4/tcgetattr.c b/sysdeps/unix/bsd/tcgetattr.c
  similarity index 100%
rename from sysdeps/unix/bsd4.4/tcgetattr.c
rename to sysdeps/unix/bsd/tcgetattr.c
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1.85 logstash-filter-elasticsearch 3.11.0

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1.87 logstash-filter-grok 4.4.1

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1.93 logstash-integration-rabbitmq 7.3.0

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-- vile: txtmode file-encoding=utf-8
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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $

1.101 python-backports-ssl-match-hostname
3.5.0.1-1.ph3

1.102 xz-java 1.5
1.102.1 Available under license:

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1.103 libusb 0.1.12-28

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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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* /opt/cola/permits/1138169210_1614268299.08/0/mongodb-driver-sync-4-0-4-sources-jar/com/mongodb/client/internal/ListDatabasesIterable.java
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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
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* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/convert/TransformReadField.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/analysis/Analyzer.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/Bytecode.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/CodeAttribute.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/ClassMap.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/ClassMap.java
*/
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/BadBytecode.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/stackmap/TypedBlock.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/DeprecatedAttribute.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/Translator.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/expr/Instanceof.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/compiler/CompileError.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/ExceptionTable.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/util/security/SecurityActions.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/expr/NewArray.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/util/security/MethodFilter.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/SourceFileAttribute.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/analysis/MultiArrayType.java
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* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/analysis/Frame.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/ClassClassPath.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/compiler/ast/CastExpr.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/Proxy.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/scopedpool/ScopedClassPool.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/expr/ConstructorCall.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/CtField.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/Modifier.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/analysis/MultiType.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/convert/TransformNew.java
* /opt/cola/permits/1110923499_1606873622.06/0/javassist-3-18-2-ga-sources-5-jar/javassist/bytecode/CodeIterator.java
1.120 etcd-raft 0.5.0-
alpha.5.0.20200520232829-54ba95891
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/NotThreadSafe.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/Immutable.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/SdkTestInternalApi.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/ThreadSafe.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/SdkInternalApi.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/annotation/SdkProtectedApi.java
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jar/com/amazonaws/partitions/model/Partitions.java
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jar/com/amazonaws/internal/ReleasableInputStream.java
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/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/auth/EC2ContainerCredentialsProviderWrapper.java

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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/partitions/PartitionsLoader.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/RegionMetadataFactory.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/http/apache/client/impl/CRC32ChecksumResponseInterceptor.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/RegionImpl.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/AbstractRegionMetadataProvider.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/RegionMetadataProvider.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/RegionMetadataFactory.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/RegionImpl.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/InMemoryRegionImpl.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/LegacyRegionXmlLoadUtils.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/regions/AbstractRegionMetadataProvider.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/partitions/model/Endpoint.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/partitions/model/PartitionRegionImpl.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/partitions/model/Service.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/util/Throwables.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/auth/AWS4Signer.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/util/Codec.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/util/CodecUtils.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/util/EC2MetadataUtils.java
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  jar/com/amazonaws/regions/Regions.java
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  jar/com/amazonaws/regions/ServiceAbbreviations.java

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  jar/com/amazonaws/internal/SdkI0Utils.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/ReadLimitInfo.java
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  jar/com/amazonaws/auth/BasicSessionCredentials.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/auth/AWSSessionCredentialsProvider.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/util/URLEncodedUtils.java

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  jar/com/amazonaws/event/SDKProgressPublisher.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/event/ProgressEventFilter.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/event/ProgressTracker.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/event/RequestProgressInputStream.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/event/ResponseProgressInputStream.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
  jar/com/amazonaws/event/ResponseProgressInputStream.java
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*/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/auth/SignatureVersion.java
*/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/AmazonClientException.java
*/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/transform/SimpleTypeUnmarshallers.java
*/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/http/HttpMethodName.java
*/opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/util/XmlUtils.java
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jar/com/amazonaws/transform/Unmarshaller.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/protocol/json/SdkStructuredCborFactory.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/protocol/json/SdkJsonProtocolFactory.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/protocol/json/StructuredJsonGenerator.java

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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/internal/http/IonErrorCodeParser.java

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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-jar/com/amazonaws/auth/PredefinedRetryPolicies.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/transform/VoidStaxUnmarshaller.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/util/NamespaceRemovingInputStream.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/Response.java
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/waiters/MaxAttemptsRetryStrategy.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/handlers/CredentialsRequestHandler.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1.jar/com/amazonaws/auth/policy/conditions/DateCondition.java
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  jar/com/amazonaws/protocol/json/IonParser.java
* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/adapters/types/StringToByteBufferAdapter.java

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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
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* /opt/cola/permits/1136061426_1613670290.05/0/aws-java-sdk-core-1-11-415-sources-1-
jar/com/amazonaws/transform/AbstractErrorUnmarshaller.java
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@end display
@end heading
@heading Preamble
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@item 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.

@item
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.

@end enumerate

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@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

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@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerate

@end enumerat
Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
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```

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collector. Later contributions should instead be mentioned in
README.changes.

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@mtiame.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 Jansen (jansen@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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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
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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.

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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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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.

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* m4/ax_func_which_gethostname_r.m4

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Version 3.1, 31 March 2009

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1.129 jetty-security 9.4.19.v20190610

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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

* 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

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
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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Assorted

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1.130 trilead-ssh 1.0.0-build221

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1.131 diffutils 3.3 5.el7
1.131.1 Available under license:
/* diff - compare files line by line


This file is part of GNU DIFF.

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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 <programe.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"),
  proper_name ("Mike Haertel"),
  proper_name ("David Hayes"),
  proper_name ("Richard Stallman"),
  proper_name ("Len Tower")
#endif

#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;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). 
   On POSIX hosts, this has no effect. */
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 */
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[] =
"0123456789abBcCdDeEfFhHilLnNpPqrsStTuUvwWxyz\";

/* 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[][sizeof "--unchanged-group-format"] =
{
"--unchanged-group-format",
"--old-group-format",
"--new-group-format",
"--changed-group-format"
};

static char const line_format_option[][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, 'I'},
{"ignore-space-change", 0, 0, 'b'},
{"ignore-tab-expansion", 0, 0, 'E'},
{"ignore-trailing-space", 0, 0, 'Z'},
{"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
{"initial-tab", 0, 0, 'T'},
{"label", 1, 0, 'L'},
{"left-column", 0, 0, LEFT_COLUMN_OPTION},
{"line-format", 1, 0, LINE_FORMAT_OPTION},
{"minimal", 0, 0, 'd'},
{"new-file", 0, 0, 'N'},
{"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
{"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
{"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
{"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
{"normal", 0, 0, NORMAL_OPTION}
/* 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[] =
        "%%=%cifndef %s
%%<#endif /* ! %s */
%c#ifdef %s
%%>#endif /* %s */
%cifndef %s
%%<#else /* %s */
%%>#endif /* %s */
";
char *b = xmalloc(sizeof C_ifdef_group_formats + 7 * strlen(optarg) - 14 /* 7*"%s" */ - 8 /* 5 "%c" */);
    sprintf(b, C_ifdef_group_formats, 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 'f':
    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 'I':
    add_regexp (&ignore_regexp_list, optarg);
    break;

    case 'l':
    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 (), 'u'))
        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))
        
#end}
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 = strtoimax (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 \ 
    || 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] = group_format[CHANGED] ? group_format[CHANGED] : "%<";
      if (!group_format[NEW])
    group_format[NEW] = group_format[CHANGED] ? group_format[CHANGED] : "%>";
  if (!group_format[UNCHANGED])
    group_format[UNCHANGED] = "=";
    if (!group_format[CHANGED])
      group_format[CHANGED] = concat (group_format[OLD],
        group_format[NEW], "");
}

no_diff_means_no_output =
(output_style == OUTPUT_IFDEF ?
(!*group_format[UNCHANGED]
  || (STREQ (group_format[UNCHANGED], "%s")
  && !*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, -C NUM, --context[=NUM]   output NUM (default 3) lines of copied context"),
  N_("-u, -U NUM, --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"),
};
LTYPE is 'old', 'new', or 'unchanged'. GTYPE is LTYPE or 'changed'.

GFMT (only) may contain:
  %<  lines from FILE1
  %>  lines from FILE2
  %=  lines common to FILE1 and FILE2

[-][WIDTH][.][PREC][doX]LETTER  printf-style spec for LETTER

LETTERs are as follows for new group, lower case for old group:
  F  first line number
  L  last line number
  N  number of lines = L-F+1
  E  F-1
  M  L+1

%(A=B?T:E)  if A equals B then T else E

LFMT (only) may contain:
  %L  contents of line
  %l  contents of line, excluding any trailing newline

[-][WIDTH][.][PREC][doX]n  printf-style spec for input line number

Both GFMT and LFMT may contain:
  %  %
  %c'C'  the single character C
  %c'\OOO'  the character with octal code OOO
  C  the character C (other characters represent themselves)

-d, --minimal  try hard to find a smaller set of changes
--horizon-lines=NUM  keep NUM lines of the common prefix and suffix
--speed-large-files  assume large files and many scattered small changes
--help  display this help and exit
--version  output version information and exit

FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR'.

If --from-file or --to-file is given, there are no restrictions on FILE(s).
If a FILE is '-', read standard input.
Exit status is 0 if inputs are the same, 1 if different, 2 if trouble.

static void
usage (void)
{
    char const * const *p;

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

    puts (_("Mandatory arguments to long options are mandatory for short options too.\n"));
}
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;
#endif
    # 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 (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 */
    set_mtime_to_now (&cmp.file[f].stat);
    } else if (lstat (cmp.file[f].name, &cmp.file[f].stat)
        != 0)
        cmp.file[f].desc = ERRNO_ENCODE (errno);
}
/* 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)
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
", 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),
           file_type(&cmp.file[1].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_type (&cmp.file[0].stat),  
              file_type (&cmp.file[1].stat));

    /* 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

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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1.133 logstash-filter-anonymize 3.0.6

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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.>
Copyright (C) 19yy  <name of author>

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when it starts in an interactive mode:

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under certain conditions; type `show c' for details.

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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:

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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The "Artistic License"

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The End

1.136 kmod 18-3

1.136.1 Available under license:

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1.143 logstash-codec-plain 3.1.0

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1.144 iconv 2.31

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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.

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package org.HdrHistogram;

final class Version {
    public static final String version="$VERSION$";
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}

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1.152 joni 2.1.6

1.153 libedit 20191231.3.1-r0

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1.166 attr 2.4.48 4

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

The following artifacts are EPL and ASL.
* 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

------
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
Apache

The following artifacts are ASL2 licensed.

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

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MortBay

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
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. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ForwardingNavigableSet.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/FilteredEntryMultimap.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ForwardingDeque.java
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jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/eventbus/SubscriberExceptionHandler.java
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jar/com/google/common/base/Utf8.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/MapMaker.java
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 */
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/primitives/ShortsMethodsForWeb.java

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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/io/AppendableWriter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/Futures.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/reflect/TypeToken.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/guava-29-0-android-sources-
/opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/base/CaseFormat.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/escape/CharEscaper.java

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 *
 */
/**
 * Holder for extra methods of {.code Object} only in web. Intended to be empty for regular
 * version.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/base/ExtraObjectMethodsForWeb.java

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  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/collect/SortedMultiset.java
  */
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  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/base/Throwables.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/io/LineReader.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/util/concurrent/DirectExecutor.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/util/concurrent/HashBiMap.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/base/Objects.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/util/concurrent/ListenableFuture.java
  */
  * /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
    jar/com/google/common/eventbus/EventBus.java
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 * the License.
 */
/**
 * Outer class that exists solely to let us write \{\textcode{Partially.GwtIncompatible}\} instead of plain
 * \{\textcode{GwtIncompatible}\}. This is more accurate for \{\textcode{Futures#catching}\}, which is available
 * under GWT but with a slightly different signature.
 * 
 * <p>We can't use \{\textcode{PartiallyGwtIncompatible}\} because then the GWT compiler wouldn't recognize
 * it as a \{\textcode{GwtIncompatible}\} annotation. And for \{\textcode{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/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/BloomFilter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/ParseRequest.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/math/package-info.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/RegularContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Hashing.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/ForwardingCache.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/RemovalNotification.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Funnels.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/BoundType.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/base/Optional.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Funnel.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/math/LongMath.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Hasher.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/math/MathPreconditions.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/package-info.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/math/IntMath.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/HashFunction.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/UnsignedLongs.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/UnsignedInts.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/math/DoubleMath.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/reflect/TypeParameter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
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*/
/**
* Holder for web specializations of methods of { @code Doubles}. Intended to be empty for regular
* version.
*/

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jar/com/google/common/collections/AbstractSequentialIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/UnmodifiableListIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/ForwardingListMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/RowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/ForwardingSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/ForwardingSortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collections/SortedMapDifference.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/MinMaxPriorityQueue.java
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jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/util/concurrent/ConsumingQueueIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/io/ReaderInputStream.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/util/concurrent/combinedFuture.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/hash/littleEndianByteArray.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/hash/farmHashFingerprint64.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/util/concurrent/Platform.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/util/concurrent/aggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/hash/macHashFunction.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableSortedSetFauxverideShim.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/SingletonImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ComparisonChain.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableSortedMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableEnumSet.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/RegularImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ArrayTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ForwardingTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ComputationException.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/DiscreteDomain.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/RegularImmutableList.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/AbstractIndexedListIterator.java

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 */
/**
 * Holder for web specializations of methods of [@code Floats]. Intended to be empty for regular
 * version.
 */

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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/primitives/FloatsMethodsForWeb.java
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jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Platform.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/TreeBasedTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableEntry.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Tables.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Table.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Collections2.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Serialization.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/Range.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/HashBasedTable.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableMapValues.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/CollectPreconditions.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/RegularImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/PeekingIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_159505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/ImmutableMapEntrySet.java
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 */
/**
 * Holder for web specializations of methods of [@code Ints]. Intended to be empty for regular
 * version.
 */

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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/base/Ascii.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/package-info.java

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jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/eventbus/Dispatcher.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/eventbus/Subscriber.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/io/MultiReader.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/base/CharMatcher.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/primitives/Shorts.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/base/internal/Finalizer.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/base/Converter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/escape/Escaper.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/FluentIterable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/io/FileBackedOutputStream.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/primitives/Ints.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/base/Converter.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/escape/Escaper.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/collect/FluentIterable.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
jar/com/google/common/io/FileBackedOutputStream.java
/**
 * 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
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-
* jar/com/google/common/collect/ObjectArrays.java

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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/primitives/ImmutableLongArray.java

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*/

/*
* This following method is a modified version of one found in
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
* which contained the following notice:
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/hash/Striped64.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/Striped64.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/cache/LongAdder.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-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 {@code 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>
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ImmutableSortedMapFauxverideShim.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/StandardMutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ArrayListMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/EdgesConnecting.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/StandardNetwork.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/AbstractGraph.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/GraphConstants.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/ValueGraph.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/AbstractValueGraph.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/BaseGraph.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/Traverser.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/ObjectCountLinkedHashMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/AbstractBaseGraph.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/graph/IncidentEdgeSet.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/SortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/Iterators.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/AbstractListMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/SetMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/BiMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ForwardingIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ForwardingList.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/EnumBiMap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/Synchronized.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ReverseOrdering.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/TreeMultiset.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/MapDifference.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/AbstractMultiset.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/Iterables.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ListMultimap.java
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* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/Multimaps.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/ComparatorOrdering.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collection/HashMultimap.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/ForwardingCollection.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/ImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1073949279_1595505200.06/0/guava-29-0-android-sources-jar/com/google/common/collect/AbstractMapEntry.java

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 */

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1.169 spring-web 5.2.8.RELEASE

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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}
 * for more details.
 */

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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/util/IntrospectorCleanupListener.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/support/SimpleSessionStatus.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/http/MediaTypeEditor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/ConfigurableWebEnvironment.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/annotation/ValueConstants.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/support/ServletRequestBindingException.java
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jar/org/springframework/http/HttpEntity.java
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jar/org/springframework/http/client/InterceptingClientHttpRequestFactory.java
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jar/org/springframework/http/ZeroCopyHttpOutputMessage.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
jar/org/springframework/http/client/reactive/JettyResourceFactory.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/bind/annotation/ModelAttribute.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/annotation/RequestAttribute.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/RequestContextHolder.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/SessionScope.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/WebApplicationContext.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/annotation/GetMapping.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/annotation/PostMapping.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
<table>
<thead>
<tr>
<th>MIME Type</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td># application/link-format</td>
<td></td>
</tr>
<tr>
<td># application/load-control+xml</td>
<td></td>
</tr>
<tr>
<td>application/lost+xmllostxml</td>
<td></td>
</tr>
<tr>
<td># application/lostsync+xml</td>
<td></td>
</tr>
<tr>
<td># application/lxf</td>
<td></td>
</tr>
<tr>
<td>application/mac-binhex40hqx</td>
<td></td>
</tr>
<tr>
<td>application/mac-compactproct</td>
<td></td>
</tr>
<tr>
<td># application/macwriteii</td>
<td></td>
</tr>
<tr>
<td>application/mads+xmlmads</td>
<td></td>
</tr>
<tr>
<td>application/marcmrc</td>
<td></td>
</tr>
<tr>
<td>application/marcmxml+xmlmarcmrcx</td>
<td></td>
</tr>
<tr>
<td>application/mathematicamatbmb</td>
<td></td>
</tr>
<tr>
<td># application/mathml+xmlmathml</td>
<td></td>
</tr>
<tr>
<td># application/mathml-content+xml</td>
<td></td>
</tr>
<tr>
<td># application/mathml-presentation+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-associated-procedure-description+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-deregister+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-envelope+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-msk+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-msk-response+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-protection-description+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-reception-report+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-register+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-register-response+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-schedule+xml</td>
<td></td>
</tr>
<tr>
<td># application/mbms-user-service-description+xml</td>
<td></td>
</tr>
<tr>
<td>application/mboxxml</td>
<td></td>
</tr>
<tr>
<td># application/media-policy-dataset+xml</td>
<td></td>
</tr>
<tr>
<td># application/media_control+xml</td>
<td></td>
</tr>
<tr>
<td>application/mediaservercontrol+xmlmscml</td>
<td></td>
</tr>
<tr>
<td># application/merge-patch+json</td>
<td></td>
</tr>
<tr>
<td>application/metalink+xmlmetalink</td>
<td></td>
</tr>
<tr>
<td>application/metalink4+xmlmeta4</td>
<td></td>
</tr>
<tr>
<td>application/mets+xmlmets</td>
<td></td>
</tr>
<tr>
<td># application/mf4</td>
<td></td>
</tr>
<tr>
<td># application/mikey</td>
<td></td>
</tr>
<tr>
<td>application/mods+xmlmods</td>
<td></td>
</tr>
<tr>
<td># application/moss-keys</td>
<td></td>
</tr>
<tr>
<td># application/moss-signature</td>
<td></td>
</tr>
<tr>
<td># application/mosskey-data</td>
<td></td>
</tr>
<tr>
<td># application/mosskey-request</td>
<td></td>
</tr>
<tr>
<td>application/mp21+xmlmp21</td>
<td></td>
</tr>
<tr>
<td>application/mp4+xmlmp4s</td>
<td></td>
</tr>
<tr>
<td># application/mpeg4-generic</td>
<td></td>
</tr>
<tr>
<td># application/mpeg4-iod</td>
<td></td>
</tr>
<tr>
<td># application/mpeg4-iod-xmt</td>
<td></td>
</tr>
<tr>
<td># application/mrb-consumer+xml</td>
<td></td>
</tr>
<tr>
<td># application/mrb-publish+xml</td>
<td></td>
</tr>
</tbody>
</table>
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword dot
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 bin dms lrf mar so dist distz pkg bpk dump elc deploy
application/odaoda
# application/odx
application/oebps-package+xmllop
application/oggogx
application/omdoc+xml
application/oneoneetoc onetoc2 onetmp onepkg
application/opsoxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xmlxer
application/pdfpdf
# application/pdx
application/pgp-encryptedpgp
# application/pgp-keys
application/pgp-signatureascsig
application/pics-rulesprf
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10p10
application/pkcs12p12
application/pkcs7-mimep7mp7c
application/pkcs7-signaturep7s
application/pkcs8p8
application/pkix-attpkix-attr-certac
application/pkix-certcer
application/pkix-crclcr
application/pkix-pkipathpkipath
application/pkixcmpppki
application/pls+xmlplsp
# application/poc-settings+xml
application/postscriptai epsps
# application/ppsp-tracker+json
# application/problem+json
# application/problem+xml
# application/provenance+xml
# application/whoispp-query
# application/whoispp-response
application/widget
application/winlphp
# application/wita
# application/wordperfect5.1
application/wsd+xml
application/wspolicy+xml
application/x-7z-compressed
application/x-abiword
application/x-ace-compressedace
# application/x-amf
application/x-apple-diskimage
application/x-authorware-binaabb x32 u32 vox
application/x-authorware-mapaa
application/x-authorware-segaas
application/x-bcpio
application/x-bittorrent
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application/x-cbr crba cbt cbz cb7
application/x-cdlinkvcd
application/x-cfss-compressedcfs
application/x-chatchat
application/x-chess-pgnpagn
# application/x-compress
application/x-conference
application/x-csh
application/x-debian-package
application/x-dgc-compresseddgc
application/x-director
application/x-director
application/x-envoyevy
application/x-eva
application/x-font-bdf
# application/x-font-dos
# application/x-font-framemaker
application/x-font-ghostscript
# application/x-font-libgrx
application/x-font-linux-psf
application/x-font-otfotf
application/x-font-pcf
# audio/example
# audio/fwdred
# audio/g711-0
# audio/g719
# audio/g722
# audio/g7221
# audio/g723
# audio/g726-16
# audio/g726-24
# audio/g726-32
# audio/g726-40
# audio/g728
# audio/g729
# audio/g7291
# audio/g729d
# audio/g729e
# audio/gsm
# audio/gsm-efr
# audio/gsm-hr-08
# audio/ilbc
# audio/ip-mr_v2.5
# audio/isac
# audio/l16
# audio/l20
# audio/l24
# audio/l8
# audio/lpc
audio/midimidi kar rmi
# audio/mobile-xmf
audio/mp4m4a mp4a
# audio/mp4a-latm
# audio/mpa
# audio/mpa-robust
audio/mpegmpga mp2 mp2a mp3 m2a m3a
# audio/mpeg4-generic
# audio/musepack
audio/oggoga ogg spx
# audio/opus
# audio/parityfec
# audio/pcmaduba
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# audio/pcmu
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/mime.types
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/reactive/ReactorServerHttpRequest.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/codec/support/BaseDefaultCodecs.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/server/reactive/DefaultServerHttpRequestBuilder.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/codec/support/BaseCodecConfigurer.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/http/codec/support/DefaultObjectMapperBuilder.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/util/pattern/PathPatternParser.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1-jar/org/springframework/web/util/pattern/PathPatternParser.java
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* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/http/client/OkHttp3ClientHttpResponse.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/support/HandlerMethodReturnValueHandler.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/support/ContextExposingHttpServletRequest.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/support/AsyncWebRequestInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptorAdapter.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/async/TimeoutCallableProcessingInterceptor.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/context/request/async/RequestPartServletServerHttpRequest.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/support/SessionAttributeStore.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/ServletRequestDataBinder.java
* /opt/cola/permits/1135888219_1613626164.16/0/spring-web-5-2-8-release-sources-1.jar/org/springframework/web/bind/annotation/MethodArgumentNotValidException.java
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  jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/support/ServletConfigPropertySource.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/support/ConfigurableWebApplicationContext.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/support/HandlerMethodArgumentResolver.java
* /opt/cola/permits/113588219_1613626164.16/0/spring-web-5-2-8-release-sources-1-
  jar/org/springframework/web/context/support/HandlerMethodArgumentResolver.java

**1.170 dash 0.5.8-2.1ubuntu2**

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This package was debianized by Mark W. Eichin eichin@kitten.gen.ma.us on Mon, 24 Feb 1997 16:00:16 -0500.

This package was re-ported from NetBSD and debianized by Herbert Xu herbert@debian.org on Thu, 19 Jun 1997 19:29:16 +1000.
This package was adopted by Gerrit Pape <pape@smarden.org> on Fri, 28 May 2004 18:38:18 +0000.

It was downloaded from http://gondor.apana.org.au/~herbert/dash/files/

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1.172 clamp 1.0.1

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1.173 java-jwt 3.4.1

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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
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For the src/lib/apr-util/xml/expat/conf/tools/install-sh component:

#
# install - install a program, script, or datafile
# This comes from X11R5 (mit/util/scripts/install.sh).
#
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#

For the test/zb.c component:

/*
   ZeusBench V1.01
   ------------
*/

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    Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

/*

For the expat xml parser component:

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====================================================================
SUMMARY

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

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

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

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

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license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:

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

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

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

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

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

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

==============================================================================
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. Further more, 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:

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

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.
if version < 600
  " Remove any old syntax stuff hanging around
  syn clear
elseif exists("b:current_syntax")
  finish
endif

" Product specification files are case sensitive
syn case match

syn keyword psfObject bundle category control_file depot distribution
syn keyword psfObject end file fileset host installed_software media
syn keyword psfObject product root subproduct vendor

syn match  psfUnquotString +[^" ][^#]*+ contained
syn region psfQuotString  start=+"+
  skip=+\"+
  end=+"+
  contained

syn match  psfObjTag    \"\[-_+A-Z0-9a-z]+\(\.-\[-_+A-Z0-9a-z]+\)*\" contained
syn match  psfAttAbbrev  \"\([-_]{1}\fn|fr| aclqrv\)\(\<=|\>=|==\)\[^,\]*\" contained
syn match  psfObjTags    \"\[-_+A-Z0-9a-z]+\(\.-\[-_+A-Z0-9a-z]+\)\(\s+\[-_+A-Z0-9a-z]+\)*\" contained
syn match  psfNumber    \"\d+\" contained
syn match  psfFloat     \"\d+.\d+\" contained
syn match  psfLongDate  \"\d{10}.*\d\" contained

syn keyword psfState    available configured corrupt installed transient contained
syn keyword psfPState   applied committed superseded contained
syn keyword psfBoolean  false true contained

"Some of the attributes covered by attUnquotString and attQuotString:
  " architecture category_tag control_directory copyright
  " create_date description directory file_permissions install_source
  " install_type location machine_type mod_date number os_name os_release
  " os_version pose_as_os_name pose_as_os_release readme revision
  " share_link title vendor_tag
syn region psfAttUnquotString matchgroup=psfAttrib start=~^s*[^# ]+\s*[^# ]~rs=e-1
contains=psfUnquotString,psfComment end=~$~ keepend oneline

syn region psfAttQuotString matchgroup=psfAttrib start=~^s*[^# ]+\s*[^# ]~rs=e-1
contains=psfQuotString,psfComment skip=~\~"~ matchgroup=psfQuotString end=~"~ keepend

" These regions are defined in attempt to do syntax checking for some
" of the attributes.
syn region psfAttTag matchgroup=psfAttrib start="\s*tag\s\+" contains=psfObjTag,psfComment end="$" keepend oneline

syn region psfAttSpec matchgroup=psfAttrib start="\s*(ancestor|applied_patches|applied_to|contents|corequisites|exrequisites|prerequisites|software_spec|supersedes|superseded_by)\s\+" contains=psfObjTag,psfAttAbbrev,psfComment end="$" keepend oneline

syn region psfAttTags matchgroup=psfAttrib start="\s*all_filesets\s\+" contains=psfObjTags,psfComment end="$" keepend

syn region psfAttNumber matchgroup=psfAttrib start="\s*(compressed_size|instance_id|media_sequence_number|sequence_number|size)\s\+" contains=psfNumber,psfComment end="$" keepend oneline

syn region psfAttTime matchgroup=psfAttrib start="\s*(create_time|ctime|mod_time|mtime|timestamp)\s\+" contains=psfNumber,psfComment end="$" keepend oneline

syn region psfAttFloat matchgroup=psfAttrib start="\s*(data_model_revision|layout_version)\s\+" contains=psfFloat,psfComment end="$" keepend oneline

syn region psfAttLongDate matchgroup=psfAttrib start="\s*install_date\s\+" contains=psfLongDate,psfComment end="$" keepend oneline

syn region psfAttState matchgroup=psfAttrib start="\s*(state)\s\+" contains=psfState,psfComment end="$" keepend oneline

syn region psfAttPState matchgroup=psfAttrib start="\s*(patch_state)\s\+" contains=psfPState,psfComment end="$" keepend oneline

syn region psfAttBoolean matchgroup=psfAttrib start="\s*(is_kernel|is_locatable|is_patch|is_protected|is_reboot|is_reference|is_secure|is_sparse)\s\+" contains=psfBoolean,psfComment end="$" keepend oneline

syn match  psfComment "#.*$"

" Define the default highlighting.
" For version 5.7 and earlier: only when not done already
" For version 5.8 and later: only when an item doesn't have highlighting yet
if version >= 508 || !exists("did_psf_syntax_inits")
if version < 508
let did_psf_syntax_inits = 1
command -nargs=+ HiLink hi link <args>
else
command -nargs=+ HiLink hi def link <args>
endif
delcommand HiLink
endif

" Long descriptions and copyrights confuse the syntax highlighting, so
" force vim to backup at least 100 lines before the top visible line
" looking for a sync location.
syn sync lines=100

let b:current_syntax = "psf"
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Internet:      lehors@sophia.inria.fr
Surface Mail: Arnaud LE HORS, INRIA - Sophia Antipolis,
2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE
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1.195 idna 2.9

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A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

import io, sys
from setuptools import setup

def main():
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {} 
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Programming Language :: Python :: 3.7',
            'Programming Language :: Python :: 3.8',
            'Programming Language :: Python :: Implementation :: CPython',
            'Programming Language :: Python :: Implementation :: PyPy',
        ]
    }
def setup(**arguments)

if __name__ == '__main__':
    main()

1.196 apr-util 1.6.1-5
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1.197 did-you-mean 1.2.1

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1.198 jackson-mapper-asl 1.9.11

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That's all there is to it!
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 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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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_SHLIB) $\$(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-strip: install

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)
This is the Debian GNU/Linux prepackaged version of the Common Error Description 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

From the original distribution:

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Gadi Oxman, August 1995

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1.204 unzip 6.0-26
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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), 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 CONTRIBS in the source distribution for a much more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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

1.205 javassist 3.26.0-GA

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*/

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Found in path(s):
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/CtField.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/Metaobject.java
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* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/AccessorMaker.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/ClassMetaobject.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/SerialVersionUID.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/MapMaker.java
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* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/AccessorMaker.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/reflect/ClassMetaobject.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/ExceptionsAttribute.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/CtMethod.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/expr/NewExpr.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/DuplicateMemberException.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/ast/Pair.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/TokenId.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/Bytecode.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/ClassClassPath.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/SymbolTable.java
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* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/ast/StringL.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/annotation/NoSuchClassError.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/scopedpool/SoftValueHashMap.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/ConstPool.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/annotation/AnnotationImpl.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/tools/rmi/RemoteRef.java
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* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/compiler/CompileError.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-jar/javassist/bytecode/ConstantPool.java
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  jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/LongMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
  jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135840536_1613612905.33/0/javassist-3-26-0-ga-sources-4-
1.206 powermock-reflect 2.0.0

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* /opt/cola/permits/1136978825_1613989578.54/0/powermock-reflect-2-0-0-sources-1.jar/org/powermock/reflect/internal/comparator/ComparatorFactory.java

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**1.208 openssl 1.1.0j**

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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,
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/es/SpanishMinimalStemmer.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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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. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

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1.210 jersey-servlet 1.19.1

1.211 akka 2.5.18
1.211.1 Available under license:

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1.213 python-urlgrabber 3.10 9.el7

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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.

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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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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
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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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(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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root function must still compute square roots.)

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1.220 libxdmcp 1.1.2-r5

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1.222 sqlite 3.7.17 8.el7
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body {
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  font-family: Verdana, sans-serif;
  padding: 8px 1%;
}

a { color: #044a64 }
a:visited { color: #734559 }

.logo { position:absolute; margin:3px; }
.tagline {
  float:right;
  text-align:right;
  font-style:italic;
  width:300px;
  margin:12px;
  margin-top:58px;
}

.menubar {
  clear: both;
  border-radius: 8px;
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  padding: 0px;
  margin: 0px;
  cell-spacing: 0px;
}
.toolbar {
  text-align: center;
  line-height: 1.6em;
  margin: 0;
  padding: 0px 8px;
}
.toolbar a { color: white; text-decoration: none; padding: 6px 12px; }
.toolbar a:visited { color: white; }
.toolbar a:hover { color: #044a64; background: white; }

.content {
  margin: 5%;
}
.content dt { font-weight:bold;
}
.content dd { margin-bottom: 25px; margin-left:20%;
}
.content ul { padding:0px; padding-left: 15px; margin:0px;
}
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.fancy .codeblock i { color: darkblue; }
.fancy h1,.fancy h2,.fancy h3,.fancy h4 { font-weight:normal;color:#044a64 }
.fancy h2 { margin-left: 10px }
.fancy h3 { margin-left: 20px }
.fancy h4 { margin-left: 30px }
.fancy th { white-space:nowrap;text-align:left;border-bottom:solid 1px #444 }
.fancy th, .fancy td { padding: 0.2em 1ex; vertical-align:top }
.fancy #toc a { color: darkblue ; text-decoration: none }
.fancy .todo { color: #AA3333 ; font-style : italic }
.fancy .todo:before { content: 'TODO:' }
.fancy p.todo { border: solid #AA3333 1px; padding: 1ex }
.fancy img { display:block; }
.fancy :link:hover, .fancy :visited:hover { background: wheat }
.fancy p,.fancy ul,.fancy ol { margin: 1em 5ex }
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</style>

</head>
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<div><!-- IE hack to prevent disappearing logo--></div>
<div class="tagline">Small. Fast. Reliable.<br>Choose any three.</div>
<table width=100% class="menubar"><tr>
<td width=100%>
<div class="toolbar">
<a href="about.html">About</a>
<a href="sitemap.html">Sitemap</a>
<a href="docs.html">Documentation</a>
<a href="download.html">Download</a>
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<a href="support.html">Support</a>
</div>
<script>
gMsg = "Search SQLite Docs..."
function entersearch() {
    var q = document.getElementById("q");
    if( q.value == gMsg ) { q.value = "" }
    q.style.color = "black"

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 * [@code GwtIncompatible]. This is more accurate for [@link Futures#catching], which is available
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 *
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/graph/BaseGraph.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/graph/Traverser.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/graph/AbstractBaseGraph.java

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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/hash/MacHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/hash/MacHashFunction.java

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jar/com/google/common/util/concurrent/Platform.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/collect/ConsumingQueueIterator.java

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jar/com/google/common/collect/Hashing.java

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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/hash/Striped64.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/cache/LongAdder.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1.jar/com/google/common/hash/LongAdder.java

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/*
 * This following method is a modified version of one found in
 * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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  jar/com/google/common/util/concurrent/MoreExecutors.java
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  jar/com/google/common/collection/BaseImmutableMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/JdkBackedImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/JdkBackedImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/IndexedImmutableSet.java

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  jar/com/google/common/collection/EvictingQueue.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/ForwardingImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/AbstractMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/ImmutableEnumMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/AbstractNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/TreeTraverser.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/TransformedIterator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/FilteredKeySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/RangeMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/FilteredSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/AbstractSortedKeySortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/TreeRangeMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/collection/TreeSet.java

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jar/com/google/common/collection/ForwardingDeque.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/FilteredMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/ForwardingNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/FilteredKeyListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/CompactLinkedHashSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/ForwardingImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/FilteredEntryMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/FilteredEntrySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/RegularImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/collection/ForwardingNavigableSet.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.

This method assumes that the collection size doesn't change while the method is running.

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/1068237382_1594326407.23/guava-28-0-jre-sources-1.jar/com/google/common/reflect/Parameter.java
- /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/guava-28-0-jre-sources-1.jar/com/google/common/math/PairedStatsAccumulator.java
- /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/guava-28-0-jre-sources-1.jar/com/google/common/reflect/MutableTypeToInstanceMap.java
- /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/guava-28-0-jre-sources-1.jar/com/google/common/math/PairedStats.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/reflect/TypeCapture.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/reflect/ClassPath.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/math/StatsAccumulator.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/hash/LongAddables.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/reflect/TypeToInstanceMap.java

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*/opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
jar/com/google/common/base/CommonPattern.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/base/JdkPattern.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/base/PatternCompiler.java

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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/ForwardingTable.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/RegularImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/SingletonImmutableTable.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/ImmutableEnumSet.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/ImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common-collect/Immuta
jar/com/google/common/collect/AbstractIndexedListIterator.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/graph/AbstractValueGraph.java
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* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-jar/com/google/common/graph/ForwardingValueGraph.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/primitives/ImmutableLongArray.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-
  jar/com/google/common/util/concurrent/ForwardingLock.java
* /opt/ws_local/PERMITS_SQL/1068237382_1594326407.23/0/guava-28-0-jre-sources-1-

1.225 nghttp2 1.43.0-1

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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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- Wichert Akkerman, 2012/02/02

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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.

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

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1.230 open-ldap 2.4.47+dfsg-3+deb10u6

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Local-Date: Fri, 06 Jun 2003 13:18:52 -0400
Date: Fri, 6 Jun 2003 10:18:52 -0700
From: Juan Gomez <juang@us.ibm.com>
To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

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Regards, Juan

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Local-Date: Thu, 05 Jun 2003 16:53:32 -0400
Date: Thu, 5 Jun 2003 16:53:32 -0400 (EDT)
From: Mark Adamson <adamson@andrew.cmu.edu>
To: Stephen Frost <sfrost@debian.org>
Subject: Re: Mark Adamson license in OpenLDAP source

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To: Stephen Frost <sfrost@snowman.net>
Subject: Re: OpenLDAP Licenseing issues
From: "Kurt D. Zeilenga" <Kurt@OpenLDAP.org>
Date: Wed, 28 May 2003 10:55:44 -0700
Cc: Steve Langasek <vorlon@netexpress.net>, debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org
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Regards, Kurt

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1.231 lvm2 1.02.170-6.el7_9.5

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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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with the Library, with the complete machine-readable "work that
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1.242 device-mapper-multipath 0.4.9-133.el7

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1.248 nettle 2.7.1-5+deb8u2

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Upstream-Name: kafka-rest
Source: https://github.com/confluentinc/kafka-rest

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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.

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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c-a-bundle.crt -- Bundle of CA Root Certificates

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

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@(#) SRCsfile: certdata.txt,v $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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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.cni.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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DCPathButton-39be410/Example/Pods/DCPathButton/DCPathButton/Classes/DCPathButton.m

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DCPathButton-39be410/Example/Pods/Target Support Files/Pods/Pods-acknowledgements.plist

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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'
  }

  s.author = {
    "Tangdixi" => "Tangdixi@gmail.com"
  }

  s.platform = :ios, '7.0'

  s.source = {
    file: 'DCPathButton.m', source_root: 'Source',}

end
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  jar/org/apache/commons/logging/impl/WeakHashtable.java
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autorequire:
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date: 2017-03-24 00:00:00.000000000 Z
dependencies:
- !ruby/object:Gem::Dependency
  requirement: !ruby/object:Gem::Requirement
  requirements:
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    - !ruby/object:Gem::Version
      version: '0'
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type: :development
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  requirements:
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    - !ruby/object:Gem::Version
      version: '0'
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prerelease: false
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    - !ruby/object:Gem::Version
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  version: 2.2.0
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  - !ruby/object:Gem::Version
    version: 2.2.0
- !ruby/object:Gem::Dependency
requirement: !ruby/object:Gem::Requirement
requirements:
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  - !ruby/object:Gem::Version
    version: '0'
description: This gem add a few rake tasks to create a uber gems that will be shipped as a zip
email:
  - info@elastic.co
executables: []
extensions: []
extra_rdoc_files: []
files:
  - "/lib/paquet.rb"
  - "/lib/paquet/dependency.rb"
  - "/lib/paquet/gem.rb"
  - "/lib/paquet/rspec/tasks.rb"
  - "/lib/paquet/shell Ui.rb"
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  jar/org/springframework/beans/factory/config/Scope.java
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  jar/org/springframework/beans/propertyeditors/URLEditor.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
  jar/org/springframework/beans/propertyeditors/ReaderEditor.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/BeanInitializationException.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/config/SmartInstantiationAwareBeanPostProcessor.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
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jar/org/springframework/beans/factory/config/BeanDefinitionCustomizer.java
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jar/org/springframework/beans/factory/support/ImplicitlyAppearedSingletonException.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/parsing/SourceExtractor.java
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jar/org/springframework/beans/factory/BeanNameAware.java
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jar/org/springframework/beans/support/ResourceEditorRegistrar.java
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jar/org/springframework/beans/support/NullValueInNestedPathException.java
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jar/org/springframework/beans/propertyeditors/ZoneIdEditor.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
* /opt/cola/permits/1150250359_1627682347.43/0/spring-beans-5-2-0-release-sources-2-
jar/org/springframework/beans/factory/xml/NamespaceHandlerSupport.java

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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
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application. Therefore, Subsection 2d requires that any
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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.

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1.275 libjpeg 6b
1.275.1 Notifications :
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1.275.2 Available under license :
The Independent JPEG Group's JPEG software
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README for release 6b of 27-Mar-1998
====================================

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

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

IJG is not affiliated with the official ISO JPEG standards committee.

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 "cjipeg" 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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(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.

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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.

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

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/.

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

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 format.

As always, speeding things up is of great interest.

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

### 1.276 tre 0.8.0

#### 1.276.1 Available under license:

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1.277 libxfixes 5.0.3-1
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1.278 libxpm 3.5.12-1

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    /opt/ws_local/PERMITS_SQL/1078286973_1597285663.32/0/jackson-mapper-asl-1-9-13-sources-2-
    jar/org/codehaus/jackson/map/MappingJsonFactory.java

1.281 jaxb-core 2.3.0

1.282 backport 3.18.2-2.ph4
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1.283 libtls-standalone 2.9.1-r0

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1.284 pam 1.1.8 22.el7

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Url: https://github.com/elastic/logstash
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Url: https://github.com/bpot/poseidon
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Url: http://prototypejs.org
License: MIT  TODO: Another jruby dependency that is not shipped with it

TODO

Library: pry v0.10.4
Url: http://pryrepl.org
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Library: racc v
Url: https://github.com/tenderlove/racc

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Url: https://github.com/ruby/rake
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Url: https://github.com/redis/redis-rb
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Library: rspec-support v3.7.1
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Url: https://github.com/rubyzip/rubyzip
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Url: https://github.com/aesterline/rumbster
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Library: safe_yaml v1.0.4
Url: https://github.com/dtao/safe_yaml
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Library: sequel v5.7.1
Url: https://github.com/jeremyevans/sequel
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Library: simple_oauth v0.3.1
Url: https://github.com/laserlemon/simple_oauth
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Url: https://github.com/sinatra/sinatra
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Library: snappy v0.0.12
Url: https://github.com/miyucy/snappy
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Library: snmp v1.2.0
Url: https://github.com/hallidave/ruby-snmp
License: MIT

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Library: spoon v0.0.6
Url: https://github.com/headius/spoon
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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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# 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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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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TEST-bundler-1.16.1

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# Contributions to the urllib3 project

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In chronological order:

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  * 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 <https://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 <https://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 <https://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 Grunseid <https://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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urlib2.urlopen().geturl()` behavior

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

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

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

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

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

1.292 paranamer 2.7

1.293 httpcomponents-client 4.5.2

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1.295 logstash-filter-kv 4.5.0

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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
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  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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1.300 xmlunit-matchers 2.3.0

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jar/io/netty/example/spdy/client/SpdyFrameLogger.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/proxy/package-info.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/resolver/package-info.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/haproxy/HAProxyMessage.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/ipfilter/LpSubnetFilterRule.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/cl 이/SpdyClientHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/ssl/IpSubnetFilterRule.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/proxy/package-info.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/http2/helloworld/server/Http2ServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/http/SpdyClientHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/spdy/SpdyClientHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameLogger.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.class
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/util/unchecked/LongAdderCounter.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/util/unchecked/BooleanSupplier.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/mqtt/MqttMessageBuilders.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/util/internal/EmptyPriorityQueue.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/HostsFileEntries.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/example/uptime/UptimeServerHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/ssl/oqs/OCSPClientHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/ssl/optional/OptionalSslHandler.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/util/ResourceLeakException.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/memcache/binary/BinaryMemcacheMessage.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/udt/UdtChannelOption.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/memcache/binary/AbstractBinaryMemcacheDecoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/sockets/SocksCmdType.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/util/concurrent/DefaultFutureListeners.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/memcache/binary/FullBinaryMemcacheResponse.java

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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
  jar/io/netty/example/ocsp/OcspClientExample.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
  jar/io/netty/example/ocsp/OcspUtils.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
  jar/io/netty/example/ocsp/OcspServerExample.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
  jar/io/netty/example/ocsp/Digester.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
  jar/io/netty/example/ocsp/OcspRequestBuilder.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 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>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* 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 2&lt;/tt&gt;, that is same with the length of the length field, to strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;2&lt;/b&gt; (= 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 2&lt;/tt&gt;, we specify 2&lt;/tt&gt; 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 |----->| 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>
* 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 lengthFieldOffset and the extra
* header affects the lengthAdjustment. We also specified a non-zero
* 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 0 for initialBytesToSkip.
* 
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* lengthAdjustment = 1 (= the length of HDR2)
* 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>
* 
* 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 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
* lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
* initialBytesToStrip = 3
* 
* 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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 */
/**
 * 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>
 * 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]
A `ChannelHandler` is supposed to interact with the `ChannelPipeline` it belongs to via a context object. Using the context object, the `ChannelHandler` can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using `AttributeKey`s) which is specific to the handler.

**State management**

A `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<Message> {

    private boolean loggedIn;

    @Override
    public void channelRead0(ChannelHandlerContext ctx, Message message) {
        Channel ch = e.getChannel();
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else if (message instanceof GetDataMessage) {
            if (loggedIn) {
                ch.write(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 an unauthenticated client can get
    // the confidential information:

    // 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());
        }
    }
```
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`:

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

```java
@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) {
            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:

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

```java
@code @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 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.

Found in path(s):

```
/opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/channel/ChannelHandler.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.
 */

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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/mqtt/MqttQoS.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2ConnectionEncoder.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/example/http2/helloworld/client/Http2Client.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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/**
* 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
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/example/http2/helloworld/frame/server/Http2ServerInitializer.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/channel/kqueue/package-info.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/channel/kqueue/KQueueSocketChannel.java
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- /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyTLV.java
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/netty-all-4-1-16-final-sources.jar/io/netty/handler/codec/http2/Http2MultiplexCodec.java
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io.netty.handler.codec.http2/AbstractInboundHttp2ToHttpAdapterBuilder.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/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-
jar/io/netty/handler/codec/http/cors/CorsConfig.java
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* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/channel/oio/OioByteStreamChannel.java
* /opt/ws_local/PERMITS_SQL/1068791451_1597133064.02/0/netty-all-4-1-16-final-sources-jar/io/netty/channel/sctp/ScctpChannelOption.java

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<p>The XSLT Source object is supplied as a parameter in the model and then
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of objects into Source implementations. See <code>@link #getSourceTypes()</code> here
for more details.

<p>All model parameters are passed to the XSLT Transformer as parameters.
In addition the user can configure <code>@link #setOutputProperties output properties</code>
to be passed to the Transformer.

<p><code>@author Rob Harrop</code>
<code>@author Juergen Hoeller</code>
<code>@since 2.0</code>

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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/support/RedirectAttributesModelMap.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistration.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/mvc/method/annotation/UriComponentsBuilderMethodArgumentResolver.j ava
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/mvc/method/annotation/CallableMethodReturnValueHandler.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMapMethodArgumentResolver.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/config/annotation/ResourceChainRegistration.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/servlet/mvc/method/annotation/ModelAndViewResolverMethodReturnValue.j ava
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/i18n/SessionLocaleResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2- jar/org/springframework/web/support/JstlUtils.java

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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/resource/ResourceUrlProvider.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/support/ServletUriComponentsBuilder.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/function/EntityResponse.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/function/support/HandlerFunctionAdapter.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/ExceptionHandlerExceptionResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/view/DefaultRequestToViewNameTranslator.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/HandlerExecutionChain.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/view/UrlBasedViewResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/support/RequestContext.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/mvc/ServletWrappingController.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/resource/CachingResourceTransformer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/function/HandlerFunction.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/mvc/RouterFunctionDsl.kt
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/function/RouterFunction.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/function/ServerRequestExtensions.kt
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/function/RenderingResponse.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5.2.8-release-sources-2.jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.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.
 *
 * <p>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.
 * */
* <p>View technologies that support this contract can obtain an instance to
debute to via [@link RequestContext#getRequestDataValueProcessor()].
*
* @author Rossen Stoyanchev
* @since 3.1
*/

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  jar/org/springframework/web/servlet/config/InterceptorsBeanDefinitionParser.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/view/ViewResolverComposite.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerAdapter.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/view/AbstractTemplateView.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/mvc/Controller.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/view/tiles3/SpringLocaleResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
  jar/org/springframework/web/servlet/handler/RequestMatchResult.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceTransformer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/config/MvcNamespaceHandler.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBody.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/mvc/UrlFilenameViewController.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/config/annotation/CorsRegistry.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/config/annotation/CorsRegistry.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/MvcUriComponentsBuilder.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/config/annotation/ContentNegotiationConfigurer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/function/DefaultServerRequest.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/function/RequestPredicates.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2.jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceHttpRequestHandler.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/HttpEntityMethodProcessor.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/HeadersRequestCondition.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractHandlerMethodMapping.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/annotation/PathMatchConfigurer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/ParamsRequestCondition.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/PatternsRequestCondition.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/ResponseStatusExceptionResolver.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/function/PathResourceLookupFunction.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistry.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistry.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/AppCacheManifestTransformer.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractHandlerMapping.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/function/DefaultEntityResponseBuilder.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/function/RouterFunctionBuilder.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/configuration/WebMvcConfigurationSupport.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/function/RouterFunctionBuilder.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/function/RouterFunctions.java
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/ContentVersionStrategy.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/resource/FixedVersionStrategy.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/tags/ArgumentTag.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/tags/RequestContextAwareTag.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/view/AbstractView.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/tags/EvalTag.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-jar/org/springframework/web/mvc/method/annotation/NameValueExpression.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/ModelAndView.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/resource/AbstractVersionStrategy.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/FrameworkServlet.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java
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jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyMethodProcessor.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/mvc/AbstractController.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyAdviceChain.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/view/json/AbstractJackson2View.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/tags/form/AbstractCheckedElementTag.java
* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
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* /opt/cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/tags/TagWriter.java
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jar/org/springframework/web/servlet/views/contentnegotiating/ContentNegotiatingViewResolver.java
* /opt/ cola/permits/1135888060_1613626348.76/0/spring-webmvc-5-2-8-release-sources-2-
jar/org/springframework/web/servlet/tags/forms/ErrorsTag.java
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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 form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

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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That's all there is to it!
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 Schlaemann
  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.

1.324 power-assert 1.1.3
1.324.1 Available under license:

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1.325 click 8.0.3
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[metadata]
name = click
version = attr: click.__version__
url = https://palletsprojects.com/p/click/
project_urls =
  Donate = https://palletsprojects.com/donate
  Documentation = https://click.palletsprojects.com/
  Changes = https://click.palletsprojects.com/changes/
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author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = Composable command line interface toolkit
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
  Development Status :: 5 - Production/Stable
  Intended Audience :: Developers
  License :: OSI Approved :: BSD License
  Operating System :: OS Independent
  Programming Language :: Python

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

[options.packages.find]
where = src

[tool:pytest]
testpaths = tests
filterwarnings =
error

[coverage:run]
branch = true
source =
click
tests

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

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

[mypy]
files = src/click
python_version = 3.6
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
check_untyped_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True

[mypy-colorama.*]
ignore_missing_imports = True

[mypy-importlib_metadata.*]
ignore_missing_imports = True
[egg_info]
tag_build =
tag_date = 0

Found in path(s):
* /opt/cola/permits/1212549943_1634637984.77/0/click-8-0-3-tar-gz/click-8.0.3/setup.cfg
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Found in path(s):
* /opt/cola/permits/1212549943_1634637984.77/0/click-8-0-3-tar-gz/click-8.0.3/src/click/parser.py
Click is a Python package for creating beautiful command line interfaces in a composable way with as little code as necessary. It's the "Command Line Interface Creation Kit". It's highly configurable but comes with sensible defaults out of the box.

It aims to make the process of writing command line tools quick and fun while also preventing any frustration caused by the inability to implement an intended CLI API.

Click in three points:

- Arbitrary nesting of commands
- Automatic help page generation
- Supports lazy loading of subcommands at runtime
Installing
--------

Install and update using `pip`:

.. code-block:: text

   $ pip install -U click


A Simple Example
----------------

.. code-block:: python

   import click

   @click.command()
   @click.option("--count", default=1, help="Number of greetings.")
   @click.option("--name", prompt="Your name", help="The person to greet.")
   def hello(count, name):
       """Simple program that greets NAME for a total of COUNT times."""
       for _ in range(count):
           click.echo(f"Hello, {name}!")

   if __name__ == '__main__':
       hello()

.. code-block:: text

   $ python hello.py --count=3
   Your name: Click
   Hello, Click!
   Hello, Click!
   Hello, Click!

Donate
-----

The Pallets organization develops and supports Click and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`.

.. _please donate today: https://palletsprojects.com/donate
As the userbase of Click grows, more and more major feature requests pop up in
Click's bugtracker. As reasonable as it may be for those features to be bundled
with Click instead of being a standalone project, many of those requested
features are either highly experimental or have unproven practical use, while
potentially being a burden to maintain.

This is why click-contrib_ exists. The GitHub organization is a collection of
possibly experimental third-party packages whose feature set does not belong
into Click, but also a playground for major features that may be added to Click
in the future. It is also meant to coordinate and concentrate effort on writing
third-party extensions for Click, and to ease the effort of searching for such
extensions. In that sense it could be described as a low-maintenance
alternative to extension repositories of other frameworks.

Please note that the quality and stability of those packages may be different
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.. _click-contrib: https://github.com/click-contrib/

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1.326 init-system-helpers 1.60

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1.327 commons-beanutils 1.9.3

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1.328 libnuma 2.0.11 1ubuntu1.1

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include/GL/g1.h :

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include/GL/glxext.h
include/GL/wglxext.h:

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use lib 't/lib';
use MBTest;
use DistGen;

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  plan('no_plan');
  require CPAN::Meta::YAML;
  require Parse::CPAN::Meta;
} else {
  plan(skip_all => 'No or old CPAN::Meta');
}

# 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->get_metadata( fatal => 0 );
is_deeply( $meta->{license} => [ 'perl_5' ], "META license will be 'perl'" );
is_deeply( $meta->{resources}{license}, [ "http://dev.perl.org/licenses/" ],
    "META license URL is correct" );

}

{
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid" );

my $meta = $mb->get_metadata( fatal => 0 );
is_deeply( $meta->{license} => [ 'unrestricted' ], "META license will be 'unrestricted'" );
is_deeply( $meta->{resources}{license}, [ "http://example.com/vaporware/" ],
    "META license URL is correct" );

}
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/compiler/NoFieldException.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/bytecode/analysis/Subroutine.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/runtime/Cflow.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/bytecode/annotation/AnnotationImpl.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/util/proxy/FactoryHelper.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/convert/Transformer.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/compiler/SyntaxError.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/expr/Instanceof.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/util/security/SecurityActions.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/compiler/SyntaxError.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-Jar/javassist/convert/TransformCall.java

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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFile.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/AttributeInfo.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/RuntimeSupport.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/FieldInfo.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/expr/FieldAccess.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/BinExpr.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/SymbolTable.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/expr/Handler.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/BadBytecode.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/Lex.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/web/Webserver.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/Proxy.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformNew.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/analysis/SubroutineScanner.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Expr.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/byteArrayClassPath.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtBehavior.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ExceptionTable.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/ClassMetaobject.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ProceedHandler.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/expr/NewArray.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/SourceFileAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/stackmap/MapMaker.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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*/

Found in path(s):
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/ShortMemberValue.java
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  jar/javassist/bytecode/annotation/DoubleMemberValue.java
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  jar/javassist/bytecode/annotation/EnumMemberValue.java
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  jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/ArrayMemberValue.java
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  jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
  jar/javassist/bytecode/annotation/LongMemberValue.java
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1.347 confluent-docker-utils 0.0.20

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1.348 fdisk 2.27.0

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Initialize empty image
f1c9645dcb14efddc7d8a322685f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 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
Disk label 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
2d8e8df51a88a045db233418dd73fbc 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
Disk label 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
2e1ceed29cb59c9341afe0443f196a1 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
Disk label type: bsd

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

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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

<table>
<thead>
<tr>
<th>Slice Start</th>
<th>End Sectors</th>
<th>Size Type</th>
<th>Fsize</th>
<th>Bsize</th>
<th>Cpg</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>4096 6144</td>
<td>2049</td>
<td>1M 4.2BSD</td>
<td>0 0 0</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>4096 20479</td>
<td>16384</td>
<td>8M unused</td>
<td>0 0 0</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>0 16064</td>
<td>16065</td>
<td>7.9M unused</td>
<td>0 0 0</td>
<td></td>
</tr>
</tbody>
</table>

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):
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1 swap     6 Eighth Edition  a unknown   e ADOS
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1.349 aws-sdk-go 1.38.60
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jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1072948623_1595240780.88/0/netty-resolver-4-1-51-final-sources-
jar/io/netty/resolver/SimpleNameResolver.java
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jar/io/netty/resolver/NameResolver.java
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jar/io/netty/resolver/AddressResolverGroup.java
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* /opt/ws_local/PERMITS_SQL/1072948623_1595240780.88/0/netty-resolver-4-1-51-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072948623_1595240780.88/0/netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /opt/ws_local/PERMITS_SQL/1072948623_1595240780.88/0/netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/ws_local/PERMITS_SQL/1072948623_1595240780.88/0/netty-resolver-4-1-51-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
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1.3.51 junixsocket-common 2.0.4

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1.370 jackson-annotations 2.10.0

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1.372 libjpeg-turbo 6b

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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
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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1.376 lcms 2.12~rc1-2

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Found in path(s):
* /opt/cola/permits/1136375462_1613753037.28/0/spring-tx-5-2-6-release-sources-2-jar/org/springframework/dao/CannotAcquireLockException.java
* /opt/cola/permits/1136375462_1613753037.28/0/spring-tx-5-2-6-release-sources-2-jar/org/springframework/transaction/interceptor/NoRollbackRuleAttribute.java
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* /opt/cola/permits/1136375462_1613753037.28/0/spring-tx-5-2-6-release-sources-2-jar/org/springframework/transaction/jta/PessimisticLockingFailureException.java
* /opt/cola/permits/1136375462_1613753037.28/0/spring-tx-5-2-6-release-sources-2-jar/org/springframework/transaction/jta/TransactionFactory.java
* /opt/cola/permits/1136375462_1613753037.28/0/spring-tx-5-2-6-release-sources-2-jar/org/springframework/jca/cci/connection/NotSupportedRecordFactory.java
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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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Eclipse

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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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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

------
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

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
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
Assorted

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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-
  jar/org/powermock/core/transformers/javassist/StaticFinalFieldsMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-
  jar/org/powermock/core/InvocationException.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-
  jar/org/powermock/configuration/support/ConfigurationBuilder.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/TestClassTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/MethodSizeMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/AbstractJavaAssistMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/PackagePrivateClassesMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/StaticFinalNativeMethodMockTransformer.java
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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/TransformerHelper.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/TestClassTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/MockTransformerChainFactory.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/StaticFinalNativeMethodMockTransformer.java
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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/packageClassesMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/JavassistMockTransformerChainFactory.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/MethodSizeMockTransformer.java
* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/transformers/javassist/AbstractJavaAssistMockTransformer.java

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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-
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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/classloader/PowerMockModified.java
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* /opt/cola/permits/1136978735_1613989327.28/0/powermock-core-2-0-0-sources-1-jar/org/powermock/core/reporter/MockingFrameworkReporter.java
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1.389 jline 2.14.6

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1.390 x11-xkb-utils 7.7+4
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It contains the setxkbmap, xkbcomp, xkbevd, xkbprint and xkbutils applications.

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1.391 micrometer-registry-prometheus 1.5.1

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* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1.5.1-sources-jar/io/micrometer/prometheus/HistogramFlavor.java

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* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusRenameFilter.java
* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusDurationNamingConvention.java
* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusTimer.java
* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/MicrometerCollector.java
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* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusDistributionSummary.java
* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusNamingConvention.java

1.392 json-simple 1.1.1

1.393 d-bus 1.10.24 13.el7_6

1.394 libglvnd 1.1.0-1
1.394.1 Available under license:

```html
<!DOCTYPE html
    PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
    <link rel="stylesheet" type="text/css" href="styles.css" />
    <title>uthash: a hash table for C structures</title>
</head>
<body>
```
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1.395 libsemanage 3.1-1+b2

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  * /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-
    jar/org/springframework/core/type/classreading/MetadataReader.java
  * /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-
    jar/org/springframework/core/convert/converter/ConverterRegistry.java
  * /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-
    jar/org/springframework/core/PriorityOrdered.java
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* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-jar/org/springframework/util/CustomizableThreadCreator.java
* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-jar/org/springframework/framework/util/xml/StaxStreamHandler.java
* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-jar/org/springframework/core/env/EnumerablePropertySource.java
* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-jar/org/springframework/framework/util/CompositeIterator.java
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* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1-jar/org/springframework/core/type/classreading/AnnotationReadingVisitorUtils.java
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* /opt/ws_local/PERMITS_SQL/1074308950_1595727802.82/0/spring-core-4-0-6-release-sources-1.jar/org/springframework/core/io/support/ResourcePropertySource.java

1.400 popt 1.16-10
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Source: http://rpm5.org/files/popt/
Comment:
  popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

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@end enumerate

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@end enumerate

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@end ifinfo

@page
@heading Appendix: How to Apply These Terms to Your New Programs

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@end example

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@end example
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under certain conditions; type `show c' for details.
@end smallexample

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@end example

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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
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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

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

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MortBay

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
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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1.407 libgpg-error 1.35 1

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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.
*/

Found in path(s):
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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
 *             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}).
* @throws IllegalStateException
*             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 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 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 first 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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 *
 * @throws IllegalStateException
 *    If a subclass calls this constructor.
 */

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* /opt/cola/permits/1135996864_1613649419.76/0/asm-5-1-sources-2-jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/cola/permits/1135996864_1613649419.76/0/asm-5-1-sources-2-jar/org/objectweb/asm/optimizer/shrink.properties

1.417 logstash-filter-prune 3.0.4

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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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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
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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 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
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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.

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menu, a prominent item in the list meets this criterion.


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.

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jitescript (https://github.com/qmx/jitescript)
jnr-constants (http://github.com/jnr/jnr-constants)
jnr-enxio (https://github.com/jnr/jnr-enxio)
jnr-ffi (https://github.com/jnr/jnr-jffi)
jnr-netdb (http://github.com/jnr/jnr-netdb)
jnr-unixsocket (https://github.com/jnr/jnr-unixsocket)
joda-time (http://joda-time.sourceforge.net)
maven (http://maven.apache.org/)
nailgun (http://martiansoftware.com/nailgun)
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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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source: https://github.com/msgpack/msgpack-ruby/blob/v1.2.4/ext/msgpack/

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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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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
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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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TEST-bundler-1.16.1

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1.423 xtrans 1.4.0-1

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1.424 logstash-filter-uuid 3.0.5
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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 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

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* &lt;tt&gt;null&lt;/tt&gt; if the annotation targets 'typeRef' as a whole.
* @param start
* the first 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/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/tree/LabelNode.java
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* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-jar/org/objectweb/asm/tree/JumpInsnNode.java
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* version.
*
* @throws IllegalStateException
*          If a subclass calls this constructor.
*/

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  jar/org/objectweb/asm/tree/ClassNode.java
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  jar/org/objectweb/asm/xml/SAXClassAdapter.java
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  jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-
  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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  jar/org/objectweb/asm/xml/Processor.java
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  jar/org/objectweb/asm/xml/SAXCodeAdapter.java
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  jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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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[])<code>JSRInlinerAdapter</code>
 * 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)}
* @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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* /opt/cola/permits/1136404724_1613762512.96/0/asm-commons-5-0-4-sources-4-
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* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/LoggingErrorHandler.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/support/Acknowledgment.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/ErrorMessageListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/AcknowledgingMessageListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/BatchAcknowledgingMessageListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/BatchMessageListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/support/ProducerListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/adapter/HandlerAdapter.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/MessageListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/ErrorListener.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-
  jar/org/springframework/kafka/listener/ErrorHandler.java

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* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-jar/org/springframework/kafka/config/KafkaListenerEndpoint.java
* /opt/cola/permits/1218203564_1634904751.78/0/spring-kafka-2-5-3-release-sources-jar/org/springframework/kafka/config/KafkaListenerContainerFactory.java

1.441 pyxattr 0.5.1 5.el7
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* /opt/cola/permits/1143798222_1615797053.62/0/snmp4j-2-8-4-sources-1-jar/org/snmp4j/mp/MPv2c.java

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## SNMP4J - AuthGeneric.java

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- jsp_2_2.xsd
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- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- jsp_2_3.xsd
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- web-common_3_1.xsd
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#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>

template <typename X>
struct f { using type = X; };
template <int i>
struct t { };

using vector = <%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>"} ) %>>;

using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;

int main() { }

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#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP

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#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP

Open Source Used In Cisco Optical Network Planner 4.2.2 5431
# include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif

#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <cstddef>

namespace boost {
namespace intrusive {
namespace detail {

using boost::move_detail::is_same;
using boost::move_detail::add_const;
using boost::move_detail::remove_const;
using boost::move_detail::remove_cv;
using boost::move_detail::remove_reference;
using boost::move_detail::add_reference;
using boost::move_detail::remove_pointer;
using boost::move_detail::add_pointer;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;  
using boost::move_detail::is_const;
using boost::move_detail::identity;
using boost::move_detail::alignment_of;
using boost::move_detail::is_empty;
using boost::move_detail::addressof;
using boost::move_detail::integral_constant;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::bool_;  
using boost::move_detail::true_;  
using boost::move_detail::false_;  
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::apply;
using boost::move_detail::eval_if_c;
using boost::move_detail::eval_if;
using boost::move_detail::unvoid_ref;
using boost::move_detail::add_const_if_c;

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME)     
    template <typename T>                                          
    struct boost_intrusive_has_type_##TNAME                      
    {                                                              
        template <typename X>                                       
        static char test(int, typename X::TNAME*);                  
        
        template <typename X>                                       
        static int test(...);                                       
        
        static const bool value = (1 == sizeof(test<T>(0, 0)));     
    };                                                             

    template <typename T, typename DefaultType>                    
    struct boost_intrusive_default_type_##TNAME                  
    {                                                              
        struct DefaultWrap { typedef DefaultType TNAME; };          
        
        typedef typename                                                             
            ::boost::intrusive::detail::if_c                         
            < boost_intrusive_has_type_##TNAME<T>::value        
            , T, DefaultWrap>::type::TNAME type;                  
    };                                                             

    //

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL) \ 
 typename INSTANTIATION_NS_PREFIX \ 
 boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type \ 
 //

#define BOOST_INTRUSIVE_HAS_TYPE(INSTANTIATION_NS_PREFIX, T, TNAME) 
 INSTANTIATION_NS_PREFIX \ 
 boost_intrusive_has_type_ ## TNAME< T >::value \ 
 //

#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPLT(TNAME)\ 
 template <typename T, typename DefaultType> \ 
 struct boost_intrusive_eval_default_type_ ## TNAME \ { \ 
 template <typename X> \ 
 static char test(int, typename X::TNAME*); \ 
 template <typename X> \ 
 static int test(...); \ 
 struct DefaultWrap \ 
 { typedef typename DefaultType::type TNAME; }; \ 
 static const bool value = (1 == sizeof(test<T>(0, 0))); \ 
 typedef typename \ 
 ::boost::intrusive::detail::eval_if_c \ < value \ 
 , ::boost::intrusive::detail::identity<T> \ 
 , ::boost::intrusive::detail::identity<DefaultWrap> \ 
 >::type::TNAME type; \ 
}; \ 
 //

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL) 
 typename INSTANTIATION_NS_PREFIX \ 
 boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type \ 
 //

#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND) \ 
 template <class T>\ 
 struct TRAITS_PREFIX##_bool\ 
 {\ 
 template<bool Add>\ 
 struct two_or_three {yes_type _[2 + Add];};\ 
 template <class U> static yes_type test(...);\ 

```cpp
template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);
static const std::size_t value = sizeof(test<T>(0));
};

template <class T>
struct TRAITS_PREFIX##_bool_is_true
{
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;
};

//
#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME, FUNC_NAME) \
    template <typename U, typename Signature> \
    class TRAITS_NAME \
    { \
    private: \
        template<Signature> struct helper; \
    template<typename T> \
    static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
    template<typename T> static ::boost::intrusive::detail::no_type test(...); \
    public: \
    static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); 
    };  \
//
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
    template <typename Type> \
    struct TRAITS_NAME \
    { \
    struct BaseMixin \
    { \
        void FUNC_NAME(); \
    };  \
    struct Base : public Type, public BaseMixin { Base(); }; \
    template <typename T, T t> class Helper{}; \
    template <typename U> \
    static ::boost::intrusive::detail::no_type  test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); \
    static ::boost::intrusive::detail::yes_type test(...); \
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); 
    }; \
//
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME, FUNC_NAME) \
    BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME)
```
template <typename Type, class>
struct TRAITS_NAME
    : public TRAITS_NAME##_ignore_signature<Type>
{
};//

} //namespace detail
} //namespace intrusive
} //namespace boost

#include <boost/intrusive/detail/config_end.hpp>
#endif //BOOST_INTRUSIVE_DETAIL_MPL_HPP

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[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL's requirements for an [Integral Constant type].

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

[endsect]

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All the value-based traits in this library conform to MPL's requirements for an Integral Constant type. Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library will no longer implicitly include any MPL header. However, there is an implicit conversion from `mpl::integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/vector.hpp>

template <int i>
struct t { };

using vector = mpl::vector((1..input_size).to_a.map [ |n| "t<#{n}>" ]) %;

int main() { }
using boost::move_detail::integral_constant;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;
using boost::move_detail::or_;
using boost::move_detail::not_;
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;

template <class FirstType>
struct select1st
{
  typedef FirstType type;

  template<class T>
  const type& operator()(const T& x) const
  { return x.first;  }

  template<class T>
  type& operator()(T& x)
  { return const_cast<type&>(x.first);  }
};

template <class T, class=void>
struct is_transparent
{
  static const bool value = false;

  template<class T, class=void>
  struct is_transparent
  {
    static const bool value = false;
    template<class T, class=void>
    struct is_transparent
    {
      static const bool value = false;
      template<class T, class=void>
      struct is_transparent
      {
        static const bool value = false;
        template<class T, class=void>
        struct is_transparent
        {
          static const bool value = false;
          template<class T, class=void>
          struct is_transparent
          {
            static const bool value = false;
            template<class T, class=void>
            struct is_transparent
            {
              static const bool value = false;
              template<class T, class=void>
              struct is_transparent
              {
                static const bool value = false;
                template<class T, class=void>
                struct is_transparent
                {
                  static const bool value = false;
                  template<class T, class=void>
                  struct is_transparent
                  {
                    static const bool value = false;
                    template<class T, class=void>
                    struct is_transparent
                    {
                      static const bool value = false;
                      template<class T, class=void>
                      struct is_transparent
                      {
                        static const bool value = false;
                        template<class T, class=void>
                        struct is_transparent
                        {
                          static const bool value = false;
                          template<class T, class=void>
                          struct is_transparent
                          {
                            static const bool value = false;
                            template<class T, class=void>
                            struct is_transparent
                            {
                              static const bool value = false;
                              template<class T, class=void>
                              struct is_transparent
                              {
                                static const bool value = false;
                                template<class T, class=void>
                                struct is_transparent
                                {
                                  static const bool value = false;
                                  template<class T, class=void>
                                  struct is_transparent
                                  {
                                    static const bool value = false;
                                    template<class T, class=void>
                                    struct is_transparent
                                    {
                                      static const bool value = false;
                                      template<class T, class=void>
                                      struct is_transparent
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                                        static const bool value = false;
                                        template<class T, class=void>
                                        struct is_transparent
                                        {
                                          static const bool value = false;
                                          template<class T, class=void>
                                          struct is_transparent
                                          {
                                            static const bool value = false;
                                            template<class T, class=void>
                                            struct is_transparent
                                            {
                                              static const bool value = false;
                                              template<class T, class=void>
                                              struct is_transparent
                                              {
                                                static const bool value = false;
                                                template<class T, class=void>
                                                struct is_transparent
                                                {
                                                  static const bool value = false;
                                                  template<class T, class=void>
                                                  struct is_transparent
                                                  {
                                                    static const bool value = false;
                                                    template<class T, class=void>
                                                    struct is_transparent
                                                    {
                                                      static const bool value = false;
                                                      template<class T, class=void>
                                                      struct is_transparent
                                                      {
                                                        static const bool value = false;
                                                        template<class T, class=void>
                                                        struct is_transparent
                                                        {
                                                          static const bool value = false;
                                                          template<class T, class=void>
                                                          struct is_transparent
                                                          {
                                                            static const bool value = false;
                                                            template<class T, class=void>
                                                            struct is_transparent
                                                            {
                                                              static const bool value = false;
                                                              template<class T, class=void>
                                                              struct is_transparent
                                                              {
                                                                static const bool value = false;
                                                                template<class T, class=void>
                                                                struct is_transparent
                                                                {
                                                                  static const bool value = false;
                                                                  template<class T, class=void>
                                                                  struct is_transparent
                                                                  {
                                                                    static const bool value = false;
                                                                    template<class T, class=void>
                                                                    struct is_transparent
                                                                    {
                                                                      static const bool value = false;
                                                                      template<class T, class=void>
                                                                      struct is_transparent
                                                                      {
                                                                        static const bool value = false;
                                                                        template<class T, class=void>
                                                                        struct is_transparent
                                                                        {
                                                                          static const bool value = false;
                                                                          template<class T, class=void>
                                                                          struct is_transparent
                                                                          {
                                                                            static const bool value = false;
                                                                            template<class T, class=void>
                                                                            struct is_transparent
                                                                            {
                                                                              static const bool value = false;
                                                                              template<class T, class=void>
                                                                              struct is_transparent
                                                                              {
                                                                                static const bool value = false;
                                                                                template<class T, class=void>
template <class T>
struct is_transparent<T, typename T::is_transparent>
{
    static const bool value = true;
};

template <typename C, typename K, typename R>
struct enable_if_transparent
    : boost::move_detail::enable_if_c<dtl::is_transparent<C>::value, R>
{
};
}  //namespace dtl {
}  //namespace container {
}  //namespace boost {

#include <boost/container/detail/config_end.hpp>

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

/////////////////////////////////////////////////////////////////////////
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/////////////////////////////////////////////////////////////////////////

#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#define BOOST_INTERPROCESS_DETAIL_MPL_HPP

#ifndef BOOST_CONFIG_HPP
    #include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
    #pragma once
#endif

#include <cstddef>

namespace boost {
    namespace interprocess {

namespace boost {
    namespace interprocess {

namespace ipcdetail {

    template <class T, T val>
    struct integral_constant
    {
        static const T value = val;
        typedef integral_constant<T,val> type;
    };

    template< bool C_ >
    struct bool_ : integral_constant<bool, C_>
    {
        static const bool value = C_;  
    };

    typedef bool_<true>        true_;
    typedef bool_<false>       false_; 

    typedef true_  true_type;  
    typedef false_ false_type;  

    typedef char yes_type; 
    struct no_type
    {
        char padding[8];
    };

    template <bool B, class T = void>
    struct enable_if_c
    {
        typedef T type;
    };

    template <class T>
    struct enable_if_c<false, T> {};

    template <class Cond, class T = void>
    struct enable_if : public enable_if_c<Cond::value, T> {};

    template <class Cond, class T = void>
    struct disable_if : public enable_if_c<!Cond::value, T> {};

    template<
        bool C
    , typename T1
    , typename T2
    >
    struct if_c
    {

typedef T1 type;
;

template<
    typename T1
 , typename T2
>
struct if_c<false,T1,T2>
{
    typedef T2 type;
};

template<
    typename T1
 , typename T2
 , typename T3
>
struct if_
{
    typedef typename if_c<0 != T1::value, T2, T3>::type type;
};

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1u + ls_zeros<(S >> 1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

}  //namespace ipcdetail
}  //namespace interprocess
}  //namespace boost

#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
#endif

#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow',
               '--date=short', '--format=%aN%x09%ad', filename],
               universal_newlines=True)
    for line in log.splitlines():
        author, date = line.split('	')
        if author != 'fix-copyright.py':
            yield author, datetime.strptime(date, '%Y-%m-%d')

def new_copyright(filename, previous):
    def f():
        au = list(authors(filename))
        alldates = map(itemgetter(1), au)
        aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
        for author, records in groupby(aup, itemgetter(0)):
            dates = filter(None, map(itemgetter(1), records))
            if not dates: dates = alldates
            start = min(dates)
            end = max(dates)
            fmt = '{0}' if start.year == end.year else '{0}-{1}'
            line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
            key = (start, author)
            yield key, line
    return map(itemgetter(1), sorted(f()))

def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
    names = []
    lines = []
    with open(filename, 'r') as f:
        content = list(f)
        for i, line in enumerate(content[:15]):
            m = re.match(r'^(?P<prefix>\W*)(\(c\))?\s*?copyright\s*(\(c\))?\s+\d{4}(\s+-\s+)?\d{4}\s+(?P<name>.+?)\s*$', line, re.IGNORECASE)
            if m:
                d = m.groupdict()
                prefix.add(d['prefix'])
                lines.append(i)
                names.append(d['name'].strip())
    if len(prefix) != 1:
        print 'Not found:', filename
return
prefix = list(prefix)[0]

print filename
new = iter(new_copyright(filename, names))
with open(filename, 'w') as f:
    for i, line in enumerate(content):
        if i in lines:
            for repl in new:
                print >>f, prefix + repl
        else:
            print >>f, line,
pass

def all_files():
    ls = run(['git', 'ls-files'], universal_newlines=True)
    for filename in ls.splitlines():
        if magic.from_file(filename, mime=True).split('/')[0] == 'text':
            yield filename

for f in all_files():
    fix_copyright(f)
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Maybe this should pass?

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<section id="date_time.license">
<title>Boost Date-Time Library License</title>
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--
<ulink url="../../../index.htm">
<imagedata align="left"
    format="GIF"
    fileref="../../../boost.png"
    alt="C++ Boost" />
</ulink>-->  
<!--hr /-->
<para>
The following is the overall license for the boost date_time library. This notice is found in all source files related to the library.
</para> 
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</para> 
<!--hr /-->
<ulink url="mailto:jeff@crystalclearsoftware.com"> Jeff Garland </ulink> © 2000-2002  
<section> 
This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes. 

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@mtiame.mitia.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 Hutunnen (Ari.Hutunnen@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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DEALINGS IN THE SOFTWARE.
Adapters for Boost.MPL containers. 

### Classes

- **`struct boost::mpl::integral_c<T, v>`**
  - Adapter for IntegralConstants from the Boost.MPL.
  - [More...](#details)

- **`struct boost::mpl::list<T>`**
  - Adapter for Boost.MPL lists.

- **`struct boost::mpl::vector<T>`**
  - Adapter for Boost.MPL containers. 

---

**Description**

Adapters for Boost.MPL containers.
Adapter for Boost.MPL vectors. <a href="structboost_1_1mpl_1_1vector.html#details">More...</a><br /></td></tr></table></div><!-- contents -->
</div><!-- doc-content -->

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#include <boost/mpl/fold.hpp>
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/vector.hpp>

template <typename State, typename X>
struct f { using type = X; };

struct state { };

template <int i>
struct t { };

using vector = <%= mpl_vector((1..input_size).to_a.map { |n| "t<#{n}>>" }) %>; 

using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type;

int main() { }

//
// Copyright 2017 Peter Dimov

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The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

Boost.Geometry (aka GGL, Generic Geometry Library)

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

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 * */

#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
    const fs::path& root;
    const fs::path& file;
    split_path(const fs::path& r, const fs::path& f)
        : root(r), file(f) {}
private:
    split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
    os << "<a href="/"<< (p.root / p.file).string() << ">">" < p.file.string() << " /a>";
    return os;
}

std::string make_link_target(const std::string& s)
{
    // convert an arbitrary string into something suitable
    // for an <a> name:
    std::string result;
    for(unsigned i = 0; i < s.size(); ++i)
    {
        result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
    }
    return result;
}

void bcp_implementation::output_license_info()
{
    std::pair<const license_info*, int> licenses = get_licenses();

    std::map<int, license_data>::const_iterator i, j;
    i = m_license_data.begin();
    j = m_license_data.end();

    std::ofstream os(m_dest_path.string().c_str());
    if(!os)
    {
        std::string msg("Error opening ");
        msg += m_dest_path.string();
        msg += " for output."
        std::runtime_error e(msg);
        boost::throw_exception(e);
    }
    }
"<DOCTYPE HTML PUBLIC "/-//W3C//DTD HTML 4.0 Transitional//EN"">
"<html>
"<head>
"<title>Boost Licence Dependency Information</title>
"</head>
"<body>
"<H1>Boost Licence Dependency Information</H1>
"<H2>Contents</h2>
"<pre><a href="#input">Input Information</a>
"<a href="#summary">Licence Summary</a>
"<a href="#details">Licence Details</a>
"<a href="#files">Files with no recognised license</a>
"<a href="#authors">Files with no recognised copyright holder</a>
"<a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>
"<a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>
"<a href="#not-to-bsl">Files that can <b>NOT</b> be moved to the Boost Software License</a>
"<a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>
"<a href="#copyright">Copyright Holder Information</a>
"</pre>

"</body>
"</html>"
//
// input Information:
//
os << "<a name="input"></a><h2>Input Information</h2>
if(m_scan_mode)
  os << "<P>The following files were scanned for boost dependencies:<BR>"
else
  os << "<P>The following Boost modules were checked:<BR>"

std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
  os << *si << "<BR>
  ++si;
}
os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></p>";

//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex("^\[[:blank:]*\]*\#\[[:blank:]*\]*define\[[:blank:]*\]+BOOST_VERSION\[[:blank:]*\]+(\d+)$");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
  int version = boost::lexical_cast<int>(what.str(1));
os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 100 << "." << version % 100 << "</P>\n";
}

//
// output each license:
//
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
  //
  // start with the summary:
  //
os << "<a name="summary"></a><h2>Licence Summary</h2>
  while(i != j)
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// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;

os << "<a name="details"></a><h2>Licence Details</h2>
{
    // title:
    os << "<H3><A name="" << make_link_target(licenses.first[i->first].license_name) << ""></a>" << licenses.first[i->first].license_name << "</H3>
;
    // license text:
    os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
    // Copyright holders:
    os << "<P>This license is used by " << i->second.authors.size() << " authors and " << i->second.files.size() << " files <a href="#" make_link_target(licenses.first[i->first].license_name) "(see details)</a>";
    os << "</P></BLOCKQUOTE>
;
    ++i;
}
// and now the details:
//
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;

os << "<a name="details"></a><h2>Licence Details</h2>
{
    // title:
    os << "<H3><A name="" << make_link_target(licenses.first[i->first].license_name) << ""></a>" << licenses.first[i->first].license_name << "</H3>
;
    // license text:
    os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
    if(license_index >= 3)
    {
        // Copyright holders:
        os << "<P>This license is used by the following " << i->second.authors.size() << " copyright holders:"
;
        std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y)
{
    os << *x << "<BR>"
;
    ++x;
}
    os << "</P></BLOCKQUOTE>"
;
    // Files using this license:
    os << "<P>This license applies to the following " << i->second.files.size() << " files:"
;
        std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
    os << split_path(m_boost_path, *m) << "<br>
    ++m;
}
os << "</P></BLOCKQUOTE>\n";
}
else
{
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
}
++license_index;
++i;
}
//
// Output list of files not found to be under license control:
//
os << "<h2><a name="files"></a>Files With No Recognisable Licence</h2>
"<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}
os << "</p></BLOCKQUOTE>";
//
// Output list of files with no found copyright holder:
//
os << "<h2><a name="authors"></a>Files With No Recognisable Copyright Holder</h2>
"<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P><BLOCKQUOTE><P>
i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}
os << "</p></BLOCKQUOTE>";
if(!m_bsl_summary_mode)
// Output list of files that have been moved over to the Boost Software License, along with enough information for human verification.

//
// os << "<h2><a name="bsl-converted"></a>Files that can be automatically converted to the Boost Software License</h2><p">
//
// The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:<p>
//
// if (!m_converted_to_bsl.empty())
// {
// typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
// ::const_iterator conv_iterator;
// conv_iterator i = m_converted_to_bsl.begin(),
// ie = m_converted_to_bsl.end();
// int file_num = 1;
// while (i != ie)
// {
// os << "<p>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
// "<tt><br>\n<table border="1">
//  <tr>
//    <td><pre>
//     " << i->second.first << "</pre></td>
//  </tr>
//  " << i->second.second << "</td>
//  </table><br>
// ++i;
// ++file_num;
// }
// }
//
// Output list of files that could be moved over to the Boost Software License
//
// os << "<h2><a name="to-bsl"></a>Files that could be converted to the Boost Software License</h2><p>
"<p>The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:<p>

i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << 
"<br><br>
";
++i2;
}

os << 
"</p></BLOCKQUOTE>";

//
// Output list of files that can not be moved over to the Boost Software License
//
// os << "<h2><a name="not-to-bsl"></a>Files that can NOT be converted to the Boost Software License</h2><p>
"<p>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:<p>

i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "\n";
    ++i2;
}
os << "</p></BLOCKQUOTE>";

// Output list of authors that we need permission for to move to the BSL
//
os << "<h2><a name="need-bsl-authors"></a>Authors we need for the BSL</h2>
"<P>Permission of the following authors is needed before we can convert to the Boost Software License. The list of authors that have given their permission is contained in <code>more/blanket
permission.txt</code>.</P>
<BLOCKQUOTE><P>
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "\n"));
os << "</p></BLOCKQUOTE>";

// output a table of copyright information:
//
os << "<H2><a name="copyright"></a>Copyright Holder Information</H2><table border="1"">
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ead = m_author_data.end();
while(ad != ead)
{
    os << "<tr><td>" << ad->first << "</td><td>";
    std::set<fs::path, path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
    efi = ad->second.end();
    while(fi != efi)
    {
        os << split_path(m_boost_path, *fi) << " ";
        ++fi;
    }
os << "</td><tr>\n";
    ++ad;
}
os << "</table>\n";
}

// output file dependency information:
//
os << "<H2><a name="depend"></a>File Dependency Information</H2><BLOCKQUOTE><pre>
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
last_dep = m_copy_paths.begin();
while(dep != last_dep)
{
    os << split_path(m_boost_path, *dep.first) << " <pre>\n";
    ++dep;
}
"<pre>\n";
//
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
    bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
    bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
    bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();
    while(i != ie)
    {
        bad_paths.insert(i->first);
        ++i;
    }
    fi = bad_paths.begin();
    efi = bad_paths.end();
    os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
    dep = m_dependencies.find(*fi);
    last_dep = m_dependencies.end();
    std::set<fs::path, path_less> seen_deps;
    if (dep != last_dep)
        while(true)
        {
            os << " -> ";
            if(fs::exists(m_boost_path / dep->second))
                os << split_path(m_boost_path, dep->second);
            else if(fs::exists(dep->second))
                os << split_path(fs::path(), dep->second);
            else
                os << dep->second.string();
            if(seen_deps.find(dep->second) != seen_deps.end())
                { os << " <I>(Circular dependency!)</I>";
                break; // circular dependency!!!
            }
            seen_deps.insert(dep->second);
            last_dep = dep;
            dep = m_dependencies.find(dep->second);
            if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
                break;
        }
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jar/org/springframework/context/ResourceLoaderAware.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/validation/FieldError.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedResource.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/ui/context/Theme.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/support/ApplicationObjectSupport.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/scripting/support/RefreshableScriptTargetSource.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/scripting/config/ScriptingDefaultsParser.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/support/ApplicationContextAwareProcessor.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/config/RemoteStatelessSessionBeanDefinitionParser.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/validation/BeanPropertyBindingResult.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jndi/JndiObjectTargetSource.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/format/Printer.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/cache/annotation/CacheEvict.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/instrument/classloading/websphere/WebSphereClassLoaderAdapter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/export/assembler/MBeanInfoAssembler.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/annotation/CacheEvict.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/cache/interceptor/CacheInterceptor.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/format/number/PercentFormatter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/remoting/rmi/RmiBasedExporter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/jmx/export/annotation/AnnotationMBeanExporter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/jndi/TypeMismatchNamingException.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/remoting/soap/SoapFaultException.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/context/MessageSource.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-
jar/org/springframework/instrument/classloading/ResourceOverridingShadowingClassLoader.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.
 * This FactoryBean is a direct alternative to [link MBeanServerFactoryBean],
 * which uses standard JMX 1.2 API to access the platform's MBeanServer.
 *
 *
 * @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

Found in path(s):
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java

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* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/scripting/jruby/JRubyScriptUtils.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/format/AnnotationFormatterFactory.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/support/LiveBeansView.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/ConfigurationClassPostProcessor.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/event/AbstractApplicationEventMulticaster.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/validation/ValidationUtils.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/Bean.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/validation/AbstractErrors.java
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* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/instrument/classloading/SimpleThrowawayClassLoader.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/validation/MapBindingResult.java

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* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/BeanAnnotationHelper.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/stereotype/Repository.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/EnvironmentAware.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/ApplicationContextInitializer.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/context/annotation/Primary.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/cache/support/SimpleCacheManager.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2-jar/org/springframework/cache/annotation/CachingConfigurer.java
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jar/org/springframework/context/SmartLifecycle.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/annotation/EnableAspectJAutoProxy.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/annotation/BeanMethod.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/annotation/Role.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/jmx/support/MetricType.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/jndi/JndiPropertySource.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/validation/annotation/Validated.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/MessageSourceAware.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/config/LoadTimeWeaverBeanDefinitionParser.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/instrument/classloading/jboss/JBossClassLoaderAdapter.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/stereotype/Service.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/annotation/ImportAware.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/ApplicationEventPublisherAware.java
* /opt/cola/permits/1166535750_1621437778.8/0/spring-context-4-0-6-release-sources-2.jar/org/springframework/context/EmbeddedValueResolverAware.java
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1.462 jwt 2.3.0

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1.463 jackson-dataformat-csv 2.9.9

1.464 libxcb 1.13-r2
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1.465 libgit2 0.28.5

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Definitions for data structures and routines for the regular expression library.

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Julian Seward, jseward@bzip.org
bzlib/libbzlib version 1.0.6 of 6 September 2010

--------------------------------------------------------------------------
---
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>.'"
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
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repository: http://github.com/dagolden/module-build/
version: 3

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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

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";

  return $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;
}

1.473 bcel 2.7.2

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 */
/*

$Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $

package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having

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* org.apache.project-name.Version.getVersion() be a standard way to get version information. This class will replace the older org.apache.xalan.processor.Version class.</P>
* See also: org/apache/xalan/res/XSLTInfo.properties for information about the version of the XSLT spec we support.</P>
* @xsl.usage general */

public class Version {

/**
 * Get the basic version string for the current Xalan release.
 * Futurework: have this read version info from jar manifest.
 * @return String denoting our current version
 */
public static String getVersion() {
    return getProduct() + "\n+ImplementationLanguage() + "
        +getMajorVersionNum() + "."+getReleaseVersionNum() + "." 
        +(!getDevelopmentVersionNum() > 0) ? 
            ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum());
}

/**
 * Print the processor version to the command line.
 * @param argv command line arguments, unused.
 */
public static void main(String argv[]) {
    System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */
public static String getProduct() {
    return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. ‘n’ represents the n'th
 * version.
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 *   implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */

public static int getDevelopmentVersionNum()
{
    try {
        if ("@version.DEVELOPER@".length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}

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* limitations under the License.
*/
/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/StopParseException.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
 * the Serializer release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information.</P>
 * @xsl.usage general
 */
public final class Version
{

/**
 * Get the basic version string for the current Serializer.
 * Version String formatted like
 * <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nn"]</CODE>.
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct() + " +getImplementationLanguage() +" +
        getMajorVersionNum() + "." +getReleaseVersionNum() + "." +
        (getDevelopmentVersionNum() > 0) ?
        ("D" +getDevelopmentVersionNum()) : ("" +getMaintenanceVersionNum());
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
```java
{
    System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
    return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 * * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 *   implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
```
return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static int getDevelopmentVersionNum()
{
    try {
        if (((String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}

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/**
* Major version number.
* Version number. This changes only when there is a
* significant, externally apparent enhancement from
* the previous release. 'n' represents the n'th
* version.
*
* Clients should carefully consider the implications
* of new versions as external interfaces and behaviour
* may have changed.
*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java

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/*
   Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>
*/

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   // Proprietary
   /** The 'document-location()' id (Proprietary). */
*/

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jar/org/apache/xml/serializer/Encodings.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/Makefile.inc
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_html.properties

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*/

/
* $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
*/

/
* @author Jacek Ambroziak
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author G. Todd Miller
*/

package org.apache.xalan.xslt.compiler;
import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime. *
;
import org.apache.xml.dtm.DTM;
import org.apache.xalan.xslt.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xslt.runtime.Operators;
import org.apache.xalan.xslt.compiler.util.ErrorMsg;

parser code {:
    /**
     * Used by function calls with no args.
     */
    static public final Vector EmptyArgs = new Vector(0);

    /**
     * Reference to non-existing variable.
     */
    static public final VariableRef DummyVarRef = null;

    /**
     * Reference to the Parser class.
     */
    private Parser _parser;
    private XSLTC _xsltc;

    /**
     * String representation of the expression being parsed.
     */
    private String _expression;

    /**
     * Line number where this expression/pattern was declared.
     */
    private int _lineNumber = 0;

    /**
     * Reference to the symbol table.
     */
    public SymbolTable _symbolTable;

    public XPathParser(Parser parser) {
        _parser = parser;
        _xsltc = parser.getXSLTC();
        _symbolTable = parser.getSymbolTable();
    }
```java
public int getLineNumber() {
    return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
    return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
    _xsltc.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xsltc.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
    _xsltc.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "*[namespace-uri() = 'uri']" and
 * "[@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
    int nodeType;

    if (test == null) {  // "*
        nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
            (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
    }
    else if (test instanceof Integer) {
        nodeType = ((Integer) test).intValue();
    }
    return new StepPattern(axis, nodeType, predicates);
}
```

return new StepPattern(axis, nodeType, predicates);
        }
    else {
        QName name = (QName)test;
        boolean setPriority = false;

        if (axis == Axis.NAMESPACE) {
            nodeType = (name.toString().equals("*")).? - 1
                : _xsltc.registerNamespacePrefix(name);
        }
    else {
        final String uri = name.getNamespace();
        final String local = name.getLocalPart();
        final QName namespace_uri =
            _parser.getQNameIgnoreDefaultNs("namespace-uri");

        // Expand {uri}:* to *_[namespace-uri() = 'uri'] - same for @*
        if (uri != null && (local.equals("*") || local.equals("@*"))) {
            if (predicates == null) {
                predicates = new Vector(2);
                // Priority is set by hand if no other predicates exist
                setPriority = (predicates.size() == 0);

                predicates.add(
                    new Predicate(
                        new EqualityExpr(Operators.EQ, 
                            new NameSpaceUriCall(namespace_uri),
                            new LiteralExpr(uri))));
            }
            if (local.equals("*")) {
                nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
                    NodeTest.ELEMENT;
            }
        }
        else if (local.equals("@*")) {
            nodeType = NodeTest.ATTRIBUTE;
        }
        else {
            nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name) :
                _xsltc.registerElement(name);
        }
    }

    final StepPattern result = new StepPattern(axis, nodeType, predicates);
// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
    result.setPriority(-0.25);
}

return result;
}

public int findNodeType(int axis, Object test) {
if (test == null) {  // *
    return (axis == Axis.ATTRIBUTE) ?
        NodeTest.ATTRIBUTE :
        (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
}
else if (test instanceof Integer) {
    return ((Integer)test).intValue();
}
else {
    QName name = (QName)test;

    if (axis == Axis.NAMESPACE) {
        return (name.toString().equals("*")) ? -1 :
        _xsltc.registerNamespacePrefix(name);
    }

    if (name.getNamespace() == null) {
        final String local = name.getLocalPart();

        if (local.equals("*")) {
            return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
            NodeTest.ELEMENT;
        } else if (local.equals("@*")) {
            return NodeTest.ATTRIBUTE;
        }
    }

    return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name) :
    _xsltc.registerElement(name);
}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
        _expression = expression;
        _lineNumber = lineNumber;
        return super.parse();
    }
    catch (IllegalCharException e) {
        ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR, lineNumber, e.getMessage());
        _parser.reportError(Constants.FATAL, err);
    }
    return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 */
final SyntaxTreeNode lookupName(QName name) {
    // Is it a local var or param ?
    final SyntaxTreeNode result = _parser.lookupVariable(name);
    if (result != null)
        return(result);
    else
        return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
    _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber, _expression);
    _parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}
public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
    if (rlp instanceof Step) {
        return new ParentLocationPath(step, (Step) rlp);
    }
    else if (rlp instanceof ParentLocationPath) {
        final ParentLocationPath plp = (ParentLocationPath) rlp;
        final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
        return new ParentLocationPath(newrlp, plp.getStep());
    }
    else {
        addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
        return rlp;
    }
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
    return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
            axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal Pattern EXPRESSION;

non terminal SyntaxTreeNode TopLevel;
non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;
non terminal StepPattern StepPattern;
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;
non terminal QName QName, FunctionName, VariableName;
non terminal Integer AxisName, AxisSpecifier;
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;
precedence left OR;
precedence left AND;
precedence nonassoc EQ, NE;
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;
precedence left DIV, MOD, MULT;
precedence left DOLLAR;
precedence left ATSIGN;
precedence right DCOLOB;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern
            { : RESULT = pattern ; : }

            | EXPRESSION Expr:expr
            { : RESULT = expr ; : };

/* --------------------------- Patterns ----------------------------------- */

Pattern ::= LocationPathPattern:lpp
            { : RESULT = lpp ; : }

            | LocationPathPattern:lpp VBAR Pattern:p
            { : RESULT = new AlternativePattern(lpp, p) ; : };

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LocationPathPattern ::= SLASH
{: RESULT = new AbsolutePathPattern(null); :}

| SLASH RelativePathPattern:rpp
{: RESULT = new AbsolutePathPattern(rpp); :}

| IdKeyPattern:ikp
{: RESULT = ikp; :}

| IdKeyPattern:ikp SLASH RelativePathPattern:rpp
{: RESULT = new ParentPattern(ikp, rpp); :}

| IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(ikp, rpp); :}

| DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(rpp); :}

| RelativePathPattern:rpp
{: RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
{: RESULT = new IdPattern(l); parser.setHasIdCall(true); :}

| KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
{: RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
{: RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
{: RESULT = sp; :}

| StepPattern:sp SLASH RelativePathPattern:rpp
{: RESULT = new ParentPattern(sp, rpp); :}

| StepPattern:sp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
{: RESULT = parser.createStepPattern(Axis.CHILD, nt, null); :}

| NodeTestPattern:nt Predicates:pp
{:}
RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);

| ProcessingInstructionPattern:pip
| { : RESULT = pip; : }

| ProcessingInstructionPattern:pip Predicates:pp
| { : RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); : }

| ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
| { :
 RESULT = parser.createStepPattern(axis.intValue(), nt, null);
 : }

| ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt Predicates:pp
| { :
 RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
 : }

| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
| { :
 RESULT = pip; // TODO: report error if axis is attribute
 : }

| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
Predicates:pp
| { :
 // TODO: report error if axis is attribute
 RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
 : }

NodeTestPattern ::= NameTestPattern:nt
| { : RESULT = nt; : }

| NODE
| { : RESULT = new Integer(NodeTest.ANODE); : }

| TEXT
| { : RESULT = new Integer(NodeTest.TEXT); : }

| COMMENT
| { : RESULT = new Integer(NodeTest.COMMENT); : }

| PI
| { : RESULT = new Integer(NodeTest.PI); : }

NameTestPattern ::= STAR
 vedere la naturale di questo documento. Non devo generare informazioni fantasma.

```
{ RESULT = null; }

| QName:qn
{ RESULT = qn; }

ChildOrAttributeAxisSpecifier ::= ATSIGN
{ RESULT = new Integer(Axis.ATTRIBUTE); }

| CHILD DCOLON
{ RESULT = new Integer(Axis.CHILD); }

| ATTRIBUTE DCOLON
{ RESULT = new Integer(Axis.ATTRIBUTE); }

Predicates ::= Predicate:p
{ Vector temp = new Vector();
temp.addElement(p);
RESULT = temp;
}

| Predicate:p Predicates:pp
{ pp.insertElementAt(p, 0); RESULT = pp; }

Predicate ::= LBRACK Expr:e RBRACK
{ RESULT = new Predicate(e); }

/*!  ----------------------------------- Expressions ----------------------------------- */

Expr ::= OrExpr:ex
{ RESULT = ex; }

OrExpr ::= AndExpr:ae
{ RESULT = ae; }

| OrExpr:oe OR AndExpr:ae
{ RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); }

AndExpr ::= EqualityExpr:e
{ RESULT = e; }

| AndExpr:ae AND EqualityExpr:ee
{ RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); }

EqualityExpr ::= RelationalExpr:re
{ RESULT = re; }
```
EqualityExpr::= EqualityExpr:ee EQ RelationalExpr:re
{: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

EqualityExpr::= EqualityExpr:ee NE RelationalExpr:re
{: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae
{: RESULT = ae; :}

RelationalExpr::= RelationalExpr:re LT AdditiveExpr:ae
{: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

RelationalExpr::= RelationalExpr:re GT AdditiveExpr:ae
{: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

RelationalExpr::= RelationalExpr:re LE AdditiveExpr:ae
{: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

RelationalExpr::= RelationalExpr:re GE AdditiveExpr:ae
{: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me
{: RESULT = me; :}

AdditiveExpr::= AdditiveExpr:ae PLUS MultiplicativeExpr:me
{: RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); :}

AdditiveExpr::= AdditiveExpr:ae MINUS MultiplicativeExpr:me
{: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue
{: RESULT = ue; :}

MultiplicativeExpr::= MultiplicativeExpr:me MULT UnaryExpr:ue
{: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

MultiplicativeExpr::= MultiplicativeExpr:me DIV UnaryExpr:ue
{: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

MultiplicativeExpr::= MultiplicativeExpr:me MOD UnaryExpr:ue
{: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue
{: RESULT = ue; :}

UnaryExpr::= MINUS UnaryExpr:ue
{: RESULT = new UnaryOpExpr(ue); :};
UnionExpr ::= PathExpr:pe
   {: RESULT = pe; :}
   | PathExpr:pe VBAR UnionExpr:rest
   {: RESULT = new UnionPathExpr(pe, rest); :};

PathExpr ::= LocationPath:lp
   {: RESULT = lp; :}
   | FilterExpr:fexp
   {: RESULT = fexp; :}
   | FilterExpr:fexp SLASH RelativeLocationPath:rlp
   {: RESULT = new FilterParentPath(fexp, rlp); :}
   | FilterExpr:fexp DSLASH RelativeLocationPath:rlp
   {:
     //
     // Expand '// into '/descendant-or-self::node()' or
     // into '/descendant-or-self::*/
     //
     int nodeType = DOM.NO_TYPE;
     if (rlp instanceof Step &&
       parser.isElementAxis(((Step) rlp).getAxis()))
     {
       nodeType = DTM.ELEMENT_NODE;
     }
     final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
     FilterParentPath fpp = new FilterParentPath(fexp, step);
     fpp = new FilterParentPath(fpp, rlp);
     if (fexp instanceof KeyCall == false) {
       fpp.setDescendantAxis();
     }
   }
   RESULT = fpp;
   :};

LocationPath ::= RelativeLocationPath:rlp
   {: RESULT = rlp; :}
   | AbsoluteLocationPath:alp
   {: RESULT = alp; :};

RelativeLocationPath ::= Step:step
   {: RESULT = step; :}
   | RelativeLocationPath:rlp SLASH Step:step
   {:
if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
RESULT = step;
// Remove './' from the middle
}
else if (((Step) step).isAbbreviatedDot()) {
RESULT = rlp;
// Remove '/.' from the end
}
else {
RESULT =
new ParentLocationPath((RelativeLocationPath) rlp, step);
}
:}
| AbbreviatedRelativeLocationPath:arlp
{: RESULT = arlp; :};
AbsoluteLocationPath ::= SLASH
{: RESULT = new AbsoluteLocationPath(); :}
| SLASH RelativeLocationPath:rlp
{: RESULT = new AbsoluteLocationPath(rlp); :}
| AbbreviatedAbsoluteLocationPath:aalp
{: RESULT = aalp; :};
AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
{:
final Step right = (Step)step;
final int axis = right.getAxis();
final int type = right.getNodeType();
final Vector predicates = right.getPredicates();
if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
// Compress './/child:E' into 'descendant::E' - if possible
if (predicates == null) {
right.setAxis(Axis.DESCENDANT);
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
RESULT = right;
}
else {
// Expand 'rlp//child::E' into 'rlp/descendant::E'
RelativeLocationPath left = (RelativeLocationPath)rlp;
RESULT = new ParentLocationPath(left, right);
}
}
else {
// Expand './/step' -> 'descendant-or-self::*/step'
if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
Step left = new Step(Axis.DESCENDANTORSELF,

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AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp

   |
   //
   // Expand '//' into '/descendant-or-self::node()/step'
   // into /descendant-or-self::*/step'
   //
   int nodeType = DOM.NO_TYPE;
   if (rlp instanceof Step &&
       parser.isElementAxis(((Step) rlp).getAxis()))
   {
       nodeType = DTM.ELEMENT_NODE;
   }
   final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
   RESULT = new AbsoluteLocationPath(parser.insertStep(step, (RelativeLocationPath) rlp));

   |};

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
}|;

else {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp

   |
   //
   // Expand '//' into '/descendant-or-self::node()/step'
   // into /descendant-or-self::*/step'
   //
   int nodeType = DOM.NO_TYPE;
   if (rlp instanceof Step &&
       parser.isElementAxis(((Step) rlp).getAxis()))
   {
       nodeType = DTM.ELEMENT_NODE;
   }
   final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
   RESULT = new AbsoluteLocationPath(parser.insertStep(step, (RelativeLocationPath) rlp));

   |};

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;

else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/*/step'
   RelativeLocationPath left = (RelativeLocationPath) rlp;
   Step mid = new Step(Axis.DESCENDANTORSELF, DTM.ELEMENT_NODE, null);
   ParentLocationPath ppl = new ParentLocationPath(mid, right);
   RESULT = new ParentLocationPath(left, ppl);
}
|;
Step ::= NodeTest:ntest
    {
        if (ntest instanceof Step) {
            RESULT = (Step)ntest;
        }
        else {
            RESULT = new Step(Axis.CHILD, parser.findNodeType(Axis.CHILD, ntest), null);
        }
    }

| NodeTest:ntest Predicates:pp
    {
        if (ntest instanceof Step) {
            Step step = (Step)ntest;
            step.addPredicates(pp);
            RESULT = (Step)ntest;
        }
        else {
            RESULT = new Step(Axis.CHILD, parser.findNodeType(Axis.CHILD, ntest), pp);
        }
    }

| AxisSpecifier:axis NodeTest:ntest Predicates:pp
    {
        RESULT = new Step(axis.intValue(), parser.findNodeType(axis.intValue(), ntest), pp);
    }

| AxisSpecifier:axis NodeTest:ntest
    {
        RESULT = new Step(axis.intValue(), parser.findNodeType(axis.intValue(), ntest), null);
    }

| AbbreviatedStep:abbrev
    {
        RESULT = abbrev;
    }

AxisSpecifier ::= AxisName:an DCOLON
    {
        RESULT = an;
    }

| ATSIGN
    {
        RESULT = new Integer(Axis.ATTRIBUTE);
    }

AxisName ::= ANCESTOR
{ : RESULT = new Integer(Axis.ANCESTOR); : }

| ANCESTORORSELF 
{ : RESULT = new Integer(Axis.ANCESTORORSELF); : } |

| ATTRIBUTE 
{ : RESULT = new Integer(Axis.ATTRIBUTE); : } |

| CHILD 
{ : RESULT = new Integer(Axis.CHILD); : } |

| DESCENDANT 
{ : RESULT = new Integer(Axis.DESCENDANT); : } |

| DESCENDANTORSELF 
{ : RESULT = new Integer(Axis.DESCENDANTORSELF); : } |

| FOLLOWING 
{ : RESULT = new Integer(Axis.FOLLOWING); : } |

| FOLLOWINGSIBLING 
{ : RESULT = new Integer(Axis.FOLLOWINGSIBLING); : } |

| NAMESPACE 
{ : RESULT = new Integer(Axis.NAMESPACE); : } |

| PARENT 
{ : RESULT = new Integer(Axis.PARENT); : } |

| PRECEDING 
{ : RESULT = new Integer(Axis.PRECEDING); : } |

| PRECEDINGSIBLING 
{ : RESULT = new Integer(Axis.PRECEDINGSIBLING); : } |

| SELF 
{ : RESULT = new Integer(Axis.SELF); : }; |

AbbreviatedStep ::= DOT 
{ : RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); : } |

| DDOT 
{ : RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); : }; |

FilterExpr ::= PrimaryExpr:primary 
{ : RESULT = primary; : } |

| PrimaryExpr:primary Predicates:pp
PrimaryExpr ::= VariableReference:vr
{ : RESULT = vr; : }

| LPAREN Expr:ex RPAREN
{ : RESULT = ex; : }

| Literal:string
{ :
/*
* If the string appears to have the syntax of a QName, store
* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
*/
String namespace = null;
final int index = string.lastIndexOf(‘:’);

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
    : new LiteralExpr(string, namespace);

| INT:num
{ :
    long value = num.longValue();
    if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
        RESULT = new RealExpr(value);
    }
    else { if (num.doubleValue() == -0)
                RESULT = new RealExpr(num.doubleValue());
            else if (num.intValue() == 0)
                RESULT = new IntExpr(num.intValue());
            else if (num.doubleValue() == 0.0)
                RESULT = new RealExpr(num.doubleValue());
            else
                RESULT = new IntExpr(num.intValue());
    }
}

| REAL:num
{ : RESULT = new RealExpr(num.doubleValue()); : }

{: RESULT = new FilterExpr(primary, pp); :}
VariableReference ::= DOLLAR VariableName:varName
{:  
  // An empty qname prefix for a variable or parameter reference
  // should map to the null namespace and not the default URI.
  SyntaxTreeNode node = parser.lookupName(varName);

  if (node != null) {
    if (node instanceof Variable) {
      RESULT = new VariableRef((Variable)node);
    }
    else if (node instanceof Param) {
      RESULT = new ParameterRef((Param)node);
    }
    else {
      RESULT = new UnresolvedRef(varName);
    }
  }

  if (node == null) {
    RESULT = new UnresolvedRef(varName);
  }
}

FunctionCall ::= FunctionName:fname LPAREN RPAREN
{:  
  if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
    RESULT = new CurrentCall(fname);
  }
  else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
    RESULT = new ConcatCall(fname, parser.EmptyArgs);
  }
  else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
    RESULT = new BooleanExpr(true);
  }
  else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
    RESULT = new BooleanExpr(false);
  }
  else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
}}
RESULT = new NameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
RESULT = new PositionCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
RESULT = new NamespaceUriCall(fname);
}
else {
RESULT = new FunctionCall(fname, parser.EmptyArgs);
}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN |
{| if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
RESULT = new ConcatCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
RESULT = new StringCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
RESULT = new BooleanCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
RESULT = new GenerateIdCall(fname, argl);
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {

RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}

// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true); // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}

NonemptyArgumentList ::= Argument:arg
{: Vector temp = new Vector();
   temp.addElement(arg);
   RESULT = temp;
:}

| Argument:arg COMMA NonemptyArgumentList:argl
{: argl.insertElementAt(arg, 0); RESULT = argl; :};

FunctionName ::= QName:fname
{: RESULT = fname; :};

VariableName ::= QName:vname
{: RESULT = vname; :};

Argument ::= Expr:ex
{: RESULT = ex; :};

NodeTest ::= NameTest:nt
{: RESULT = nt; :}

| NODE
{: RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
\{
  \: RESULT = new Integer(NodeTest.COMMENT); : \}

| PIPARAM LPAREN Literal:l RPAREN |
| \{: \n  QName name = parser.getQNameIgnoreDefaultNs("name"); \n  Expression exp = new EqualityExpr(Operators.EQ, \n    new NameCall(name), \n    new LiteralExpr(l)); \n  Vector predicates = new Vector(); \n  predicates.addElement(new Predicate(exp)); \n  RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates); \n  :} |

| PI |
| \{: RESULT = new Integer(NodeTest.PI); : \}; |

NameTest ::= STAR |
| \{: RESULT = null; :} |

| QName:qn |
| \{: RESULT = qn; :}; |

QName ::= QName:qname |
| \{: RESULT = parser.getQNameIgnoreDefaultNs(qname); :} |

| DIV |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("div"); :} |

| MOD |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :} |

| KEY |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("key"); :} |

| ANCESTOR |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :} |

| ANCESTORORSELF |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :} |

| ATTRIBUTE |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :} |

| CHILD |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("child"); :} |

| DESCENDANT |
| \{: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); :} |
| DESCENDANTORSELF |
|: RESULT = parser.getQNameIgnoreDefaultNs("descendant-or-self"); : |

| FOLLOWING |
|: RESULT = parser.getQNameIgnoreDefaultNs("following"); : |

| FOLLOWINGSIBLING |
|: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); : |

| NAMESPACE |
|: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); : |

| PARENT |
|: RESULT = parser.getQNameIgnoreDefaultNs("parent"); : |

| PRECEDING |
|: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); : |

| PRECEDINGSIBLING |
|: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); : |

| SELF |
|: RESULT = parser.getQNameIgnoreDefaultNs("self"); : |

| ID |
|: RESULT = parser.getQNameIgnoreDefaultNs("id"); : |

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/compiler/xpath.cup

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*/

// is found, then throw a special exception in order to terminate

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java
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*/

Execute the proprietary document-location() function, which returns
* a node set of documents.

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 */

/*@author Jacek Ambroziak
@author Santiago Pericas-Geertsen
@author Morten Jorgensen
*/

package org.apache.xalan.xslt.compiler;

import java_cup.runtime.Symbol;

int last;

void initialize() {
    last = -1;
}

namespace org.apache.xalan.xslt.compiler;
static boolean isWhitespace(int c) {
    return (c == ' ' || c == '	' || c == '' || c == '
' || c == '');
}

/**
 * If symbol is not followed by '::' or '(', then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
Symbol disambiguateAxisOrFunction(int ss) throws Exception {
    // Peek in the input buffer without changing the internal state
    int index = yy_buffer_index;

    // Skip whitespace
    while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
        index++;
    }

    // If end of buffer, can't disambiguate :
    if (index >= yy_buffer_read) {
        // Can't disambiguate, so return as symbol
        return new Symbol(ss);
    }

    // Return symbol if next token is '::' or '('
    return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':') ||
           (yy_buffer[index] == '(') ?
           newSymbol(ss) : newSymbol(sym.QNAME, yytext());
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
    switch (last) {
        case -1:    // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
        case sym.OR:
        case sym.MOD:
        case sym.DIV:
        case sym.MULT:

case sym.SLASH:
case sym.DSLASH:
case sym.VBAR:
case sym.PLUS:
case sym.MINUS:
case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
    return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
    switch (last) {
    case -1:    // first token
    case sym.ATSIGN:
    case sym.DCOLON:
    case sym.LPAREN:
    case sym.LBRACK:
    case sym.COMMA:
    case sym.AND:
    case sym.OR:
    case sym.MOD:
    case sym.DIV:
    case sym.MULT:
    case sym.SLASH:
    case sym.DSLASH:
    case sym.VBAR:
    case sym.PLUS:
    case sym.MINUS:
    case sym.EQ:
    case sym.NE:
    case sym.LT:
    case sym.LE:
    case sym.GT:
    case sym.GE:
        return newSymbol(sym.STAR);
    }
    return newSymbol(sym.MULT);
Symbol newSymbol(int ss) {
    last = ss;
    return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Long value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
    last = ss;
    return new Symbol(ss, value);
}

%}

%eofval{
    return newSymbol(sym.EOF);
}%eofval

%yylexthrow{
    Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}

BaseChar=[u0041-u005A|u0061-u007A|u00C0-u00D6|u00D8-u00F6|u00F8-u00FF|u0100-u0131|u0134-
\u013E|u0141-\u0148|u014A-\u017E|u0180-\u01C3|u01CD-\u01F0|u01F4-\u01F5|u01FA-\u0217|u0250-
\u027B|u0280-\u02BB|u02C1-u0386|u0388-\u038A|u038C|u038E-\u03A1|u03A3-\u03CE|u03D0-
\u03D6|u03DE|u03E0-\u03E2|u03F3-\u0401|u040C-\u040E|u044F-\u0451|u045C-\u045E-
\u0481|u0490|u04C4|u04C7|u04C8|u04CB|u04CC|u04D0-\u04E8|u04F5|u04F8-\u04F9|u0531-
\u0556|u0559|u0561-\u0586|u05D0-\u05EA|u05F0-\u05F2|u0621-\u063A|u0641-\u064A|u0671-\u0678|u0698-
\u06C0-\u06DA|u06E0-\u06E5|u06E6|u0900-\u0939|u0939-\u093D|u0958-\u0961|u0985-
\u0988|u098E|u0990|u0993|u09A8|u09AA-\u09B0|u09B2-\u09B6|u09B9|u09CC-\u09DC|u09DD|u09DF-
\u09ED|u09F0-\u09F1|u0A05-\u0A0A|u0A0F-u0A10|u0A13|u0A28|u0A32-\u0A33|\u0A35-
\u0A36|\u0A38-\u0A39|u0A59|u0A5C|u0A72|u0A74|u0A85|u0A8B|u0A8D|u0A8F|u0A91|u0A93-
\u0AA8|u0AAB|u0AAB2-\u0AAB3|u0AAB5|\u0AAB9|u0ABD|u0ABE|u0ABF-\u0AB10|u0B13-
\u0B28|u0B2A-\u0B30|u0B32-\u0B33|\u0B36|u0B39|u0B3D|u0B5C|u0B5D|u0B5F-\u0B61|u0B85-
\u0B8A|u0B8E-\u0B90|u0B92-\u0B95|\u0B99|u0BA9|u0BA9C|u0BA9E-\u0BA9F|u0BAAC|\u0BAAD-\u0BAE|u0BB5|u0BB7-\u0BB9|u0C05-\u0C0C|u0C0E-\u0C10|u0C12-\u0C28|u0C2A-\u0C33|u0C35-
\u0C39|u0C60|u0C61|u0C85-\u0C8C|u0C8E-\u0C90|u0C92-\u0CA8|u0CAA-\u0CB3-\u0CB5-
"("                      { return newSymbol(sym.LPAREN); }  
");"                      { return newSymbol(sym.RPAREN); }  
"<PATTERN>"              { initialize(); return new Symbol(sym.PATTERN); }  
"<EXPRESSION>"           { initialize(); return new Symbol(sym.EXPRESSION); }  
\[\"\"]\"\"                    { return newSymbol(sym.Literal, yylex().substring(1, yylex().length() - 1)); }  
\[\"\"]\"                    { return newSymbol(sym.Literal, yylex().substring(1, yylex().length() - 1)); }  
{Digit}+               { return newSymbol(sym.INT, new Long(yytext())); }  
{Digit}+("."{Digit}*)? { return newSymbol(sym.REAL, new Double(yytext())); }  
"."{Digit}+            { return newSymbol(sym.REAL, new Double(yytext())); }  
"."                      { return newSymbol(sym.DOT); }  
({NCName}":")?{NCName}   { return newSymbol(sym.QNAME, yytext()); }  
({NCName}":")?"*"    { return newSymbol(sym.QNAME, yytext()); }  
({NCName}":")?@*"     { return newSymbol(sym.QNAME, yytext()); }  
[ \n\r\n]                    { /* ignore white space. */ }  
.                        { throw new Exception(yytext()); }  

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/xpath.lex

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*/

package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 */
public class XSLProcessorVersion
{

/**
 * Print the processor version to the command line.
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(S_VERSION);
}

/**
 * Constant name of product.
 */
public static final String PRODUCT = "Xalan";

/**
 * Implementation Language.
 */
public static final String LANGUAGE = "Java";

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static final int VERSION = @version.VERSION@;

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 * implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static final int RELEASE = @version.RELEASE@;

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
 * development drop for a release.
 */
public static final int MAINTENANCE = @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B> v.r[.dd| <B>D</B>nn"]</CODE>
 * Semantics of the version string are identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
+VERSION+"."+RELEASE+".”
+(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT) :
""+MAINTENANCE));

}
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/package.html
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/objects/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/axes/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html
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 */

// Proprietary, built in functions
/** current function string (Proprietary). */

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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xml/serializer/ToStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/dom/KeyIndex.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xml/utils/ElemDesc.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/templates/ElemForEach.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xpath/patterns/ContextMatchStepPattern.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/templates/ElemWhen.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xml/utils/StylesheetPIHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/trax/TrAXFilter.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xml/serializer/utils/SerializerMessages_ja.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xsltc/trax/XSLTCSource.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/Copy.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/ObjectFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncNumber.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/Constants.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceListener.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/NamespaceSupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMErrorImpl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Closure.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages_ru.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/KeyCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/Utils.java
jar/org/apache/xalan/xslt/compiler/UnaryOpExpr.java
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* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Mult.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Serializer.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLChar.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_no.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NodeType.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/XMLChar.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xpath/functions/utils/WrongNumberArgsException.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Runtime/AbstractTranslet.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/SecuritySupport.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/utils/ListingErrorHandler.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/DOMAdapter.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/AnyNodeCounter.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/getopt/MissingOptArgException.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToHTMLSAXHandler.java
* /opt/cola/permits/1134796662_1613422294.09/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/BooleanExpr.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.)

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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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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
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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.

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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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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1.494 flask 2.0.2

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Metadata-Version: 2.1
Name: Flask
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Summary: A simple framework for building complex web applications.
Home-page: https://palletsprojects.com/p/flask
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
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Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Internet :: WWW/HTTP :: WSGI
Classifier: Topic :: Software Development :: Libraries :: Application Frameworks
Requires-Python: >=3.6
Flask
=====

Flask is a lightweight WSGI web application framework. It is designed to make getting started quick and easy, with the ability to scale up to complex applications. It began as a simple wrapper around Werkzeug and Jinja and has become one of the most popular Python web application frameworks.

Flask offers suggestions, but doesn't enforce any dependencies or project layout. It is up to the developer to choose the tools and libraries they want to use. There are many extensions provided by the community that make adding new functionality easy.

.. _WSGI: https://wsgi.readthedocs.io/
.. _Werkzeug: https://werkzeug.palletsprojects.com/
.. _Jinja: https://jinja.palletsprojects.com/

Installing
----------

Install and update using `pip`:

.. code-block:: text

    $ pip install -U Flask


A Simple Example
----------------

.. code-block:: python

    # save this as app.py
    from flask import Flask
    app = Flask(__name__)

    @app.route("/")
    def hello():
        return "Hello, World!"
return "Hello, World!"

.. code-block:: text

    $ flask run
    * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

Contributing
------------

For guidance on setting up a development environment and how to make a
contribution to Flask, see the `contributing guidelines`_.

.. _contributing guidelines: https://github.com/pallets/flask/blob/main/CONTRIBUTING.rst

Donate
------

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.. _please donate today: https://palletsprojects.com/donate

Links
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-   Documentation: https://flask.palletsprojects.com/
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Flask leverages Jinja2 as its template engine. You are obviously free to use

Flask Extension Development
------------------------------

Flask, being a microframework, often requires some repetitive steps to get a third party library working. Many such extensions are already available on `PyPI`_.

If you want to create your own Flask extension for something that does not exist yet, this guide to extension development will help you get your extension running in no time and to feel like users would expect your extension to behave.

Anatomy of an Extension
-----------------------

Extensions are all located in a package called `flask_something` where "something" is the name of the library you want to bridge. So for example if you plan to add support for a library named `simplexml` to Flask, you would name your extension's package `flask_simplexml`.

The name of the actual extension (the human readable name) however would be something like "Flask-SimpleXML". Make sure to include the name "Flask" somewhere in that name and that you check the capitalization. This is how users can then register dependencies to your extension in their :file:`setup.py` files.

But what do extensions look like themselves? An extension has to ensure that it works with multiple Flask application instances at once. This is a requirement because many people will use patterns like the :doc:`/patterns/appfactories` pattern to create their application as needed to aid unitests and to support multiple configurations. Because of that it is crucial that your application supports that kind of behavior.

Most importantly the extension must be shipped with a :file:`setup.py` file and registered on PyPI. Also the development checkout link should work so that people can easily install the development version into their virtualenv without having to download the library by hand.
Flask extensions must be licensed under a BSD, MIT or more liberal license in order to be listed in the Flask Extension Registry. Keep in mind that the Flask Extension Registry is a moderated place and libraries will be reviewed upfront if they behave as required.

"Hello Flaskext!"

----------

So let's get started with creating such a Flask extension. The extension we want to create here will provide very basic support for SQLite3.

First we create the following folder structure:

flask-sqlite3/
flask_sqlite3.py
LICENSE
README

Here's the contents of the most important files:

setup.py

```python
from setuptools import setup

setup(
    name='Flask-SQLite3',
    version='1.0',
    url='http://example.com/flask-sqlite3/',
    license='BSD',
    author='Your Name',
    author_email='your-email@example.com',
    description='Very short description',
    long_description=__doc__,
    py_modules=['flask_sqlite3'],
    # if you would be using a package instead use packages instead
    # of py_modules:
)```
That's a lot of code but you can really just copy/paste that from existing extensions and adapt.

Now this is where your extension code goes. But how exactly should such an extension look like? What are the best practices? Continue reading for some insight.

Initializing Extensions
-----------------------

Many extensions will need some kind of initialization step. For example, consider an application that's currently connecting to SQLite like the documentation suggests (:doc:`/patterns/sqlite3`). So how does the extension know the name of the application object?

Quite simple: you pass it to it.

There are two recommended ways for an extension to initialize:

initialization functions:

If your extension is called `helloworld` you might have a function called `init_helloworld(app[, extra_args])` that initializes the extension for that application. It could attach before / after handlers etc.

classes:
Classes work mostly like initialization functions but can later be used to further change the behavior.

What to use depends on what you have in mind. For the SQLite 3 extension we will use the class-based approach because it will provide users with an object that handles opening and closing database connections.

When designing your classes, it's important to make them easily reusable at the module level. This means the object itself must not under any circumstances store any application specific state and must be shareable between different applications.

The Extension Code
-------------------

Here's the contents of the `flask_sqlite3.py` for copy/paste::

```python
import sqlite3
from flask import current_app, _app_ctx_stack

class SQLite3(object):
    def __init__(self, app=None):
        self.app = app
        if app is not None:
            self.init_app(app)

    def init_app(self, app):
        app.config.setdefault('SQLITE3_DATABASE', ':memory:)
        app.teardown_appcontext(self.teardown)

    def connect(self):
        return sqlite3.connect(current_app.config['SQLITE3_DATABASE'])

    def teardown(self, exception):
        ctx = _app_ctx_stack.top
        if hasattr(ctx, 'sqlite3_db'):
            ctx.sqlite3_db.close()

    @property
    def connection(self):
        ctx = _app_ctx_stack.top
        if ctx is not None:
            if not hasattr(ctx, 'sqlite3_db'):
                ctx.sqlite3_db = self.connect()
            return ctx.sqlite3_db
```

Open Source Used In Cisco Optical Network Planner 4.2.2 6103
So here’s what these lines of code do:

1. The `__init__` method takes an optional app object and, if supplied, will call `init_app`.
2. The `init_app` method exists so that the `SQLite3` object can be instantiated without requiring an app object. This method supports the factory pattern for creating applications. The `init_app` will set the configuration for the database, defaulting to an in memory database if no configuration is supplied. In addition, the `init_app` method attaches the `teardown` handler.
3. Next, we define a `connect` method that opens a database connection.
4. Finally, we add a `connection` property that on first access opens the database connection and stores it on the context. This is also the recommended way to handling resources: fetch resources lazily the first time they are used.

Note here that we're attaching our database connection to the top application context via `__app_ctx_stack.top`. Extensions should use the top context for storing their own information with a sufficiently complex name.

So why did we decide on a class-based approach here? Because using our extension looks something like this::

```python
from flask import Flask
from flask_sqlite3 import SQLite3

app = Flask(__name__)
app.config.from_pyfile('the-config.cfg')
db = SQLite3(app)
```

You can then use the database from views like this::

```python
@app.route('/')
def show_all():
    cur = db.connection.cursor()
    cur.execute(...)
```

Likewise if you are outside of a request you can use the database by pushing an app context::

```python
with app.app_context():
    cur = db.connection.cursor()
    cur.execute(...)
```

At the end of the `with` block the teardown handles will be executed automatically.
Additionally, the `init_app` method is used to support the factory pattern for creating apps:

```python
db = SQLite3()
# Then later on.
app = create_app('the-config.cfg')
db.init_app(app)
```

Keep in mind that supporting this factory pattern for creating apps is required for approved Flask extensions (described below).

```admonition` Note on `init_app`
As you noticed, `init_app` does not assign `app` to `self`. This is intentional! Class based Flask extensions must only store the application on the object when the application was passed to the constructor. This tells the extension: I am not interested in using multiple applications.

When the extension needs to find the current application and it does not have a reference to it, it must either use the `data:~flask.current_app` context local or change the API in a way that you can pass the application explicitly.

Using `_app_ctx_stack`

This pattern is used in the example above, before every request, a `sqlite3_db` variable is assigned to `_app_ctx_stack.top`. In a view function, this variable is accessible using the `connection` property of `SQLite3`. During the teardown of a request, the `sqlite3_db` connection is closed. By using this pattern, the same connection to the sqlite3 database is accessible to anything that needs it for the duration of the request.

Learn from Others

This documentation only touches the bare minimum for extension development. If you want to learn more, it's a very good idea to check out existing extensions on the PyPI. If you feel lost there is still the mailinglist and the Discord server to get some ideas for nice looking APIs. Especially if you do something nobody before you did, it might be a very good idea to get some more input. This not only generates useful feedback on what people might want from an extension, but also avoids having multiple developers working in isolation on pretty much the same problem.
Remember: good API design is hard, so introduce your project on the mailing list, and let other developers give you a helping hand with designing the API.

The best Flask extensions are extensions that share common idioms for the API. And this can only work if collaboration happens early.

Approved Extensions
-------------------

Flask previously had the concept of approved extensions. These came with some vetting of support and compatibility. While this list became too difficult to maintain over time, the guidelines are still relevant to all extensions maintained and developed today, as they help the Flask ecosystem remain consistent and compatible.

0. An approved Flask extension requires a maintainer. In the event an extension author would like to move beyond the project, the project should find a new maintainer and transfer access to the repository, documentation, PyPI, and any other services. If no maintainer is available, give access to the Pallets core team.

1. The naming scheme is *Flask-ExtensionName* or *ExtensionName-Flask*. It must provide exactly one package or module named ``flask_extension_name``.

2. The extension must be BSD or MIT licensed. It must be open source and publicly available.

3. The extension's API must have the following characteristics:

   - It must support multiple applications running in the same Python process. Use ``current_app`` instead of ``self.app``, store configuration and state per application instance.
   - It must be possible to use the factory pattern for creating applications. Use the ``ext.init_app()`` pattern.

4. From a clone of the repository, an extension with its dependencies must be installable with ``pip install -e .``.

5. It must ship a testing suite that can be invoked with ``tox -e py`` or ``pytest``. If not using ``tox``, the test dependencies should be specified in a ``requirements.txt`` file. The tests must be part of the sdist distribution.

6. The documentation must use the ``flask`` theme from the `Official Pallets Themes`_. A link to the documentation or project website must be in the PyPI metadata or the readme.

7. For maximum compatibility, the extension should support the same versions of Python that Flask supports. 3.6+ is recommended as of 2020. Use ``python_requires=">= 3.6"`` in ``setup.py`` to indicate supported versions.
Blog Blueprint
==============

You'll use the same techniques you learned about when writing the authentication blueprint to write the blog blueprint. The blog should list all posts, allow logged in users to create posts, and allow the author of a post to edit or delete it.

As you implement each view, keep the development server running. As you save your changes, try going to the URL in your browser and testing them out.
The Blueprint
-------------

Define the blueprint and register it in the application factory.

```python
from flask import (Blueprint, flash, g, redirect, render_template, request, url_for)
from werkzeug.exceptions import abort
from flaskr.auth import login_required
from flaskr.db import get_db

bp = Blueprint('blog', __name__)
```

Import and register the blueprint from the factory using `app.register_blueprint()`.

```python
def create_app():
    app = ...
    # existing code omitted
    from . import blog
    app.register_blueprint(blog.bp)
    app.add_url_rule('/', endpoint='index')
    return app
```

Unlike the auth blueprint, the blog blueprint does not have an `url_prefix`. So the `index` view will be at `/'`, the `create` view at `/'create/'`, and so on. The blog is the main feature of Flaskr, so it makes sense that the blog index will be the main index.

However, the endpoint for the `index` view defined below will be `blog.index`. Some of the authentication views referred to a plain `index` endpoint. `app.add_url_rule()` associates the endpoint name `"index"` with the `/'` URL so that `url_for('index')` or `url_for('blog.index')` will both work, generating the same `/'` URL either way.
In another application you might give the blog blueprint a `url_prefix` and define a separate `index` view in the application factory, similar to the `hello` view. Then the `index` and `blog.index` endpoints and URLs would be different.

Index
-----

The index will show all of the posts, most recent first. A `JOIN` is used so that the author information from the `user` table is available in the result.

```python
def index():
    db = get_db()
    posts = db.execute(
        'SELECT p.id, title, body, created, author_id, username
         FROM post p JOIN user u ON p.author_id = u.id
         ORDER BY created DESC'
    ).fetchall()
    return render_template('blog/index.html', posts=posts)
```

```html+jinja
{% extends 'base.html' %}
{% block header %}
<h1>{% block title %}Posts{% endblock %}</h1>
{% if g.user %}
<a class="action" href="{{ url_for('blog.create') }}">New</a>
{% endif %}
{% endblock %}

{% block content %}
{% for post in posts %}
<article class="post">
    <header>
        <div>
            <h1>{{ post['title'] }}</h1>
            <div class="about">by {{ post['username'] }} on {{ post['created'].strftime('%Y-%m-%d') }}</div>
        </div>
        {% if g.user['id'] == post['author_id'] %}
        <a class="action" href="{{ url_for('blog.update', id=post['id']) }}">Edit</a>
        {% endif %}
    </header>
    <div>
        <h1>{{ post['title'] }}</h1>
        <div class="about">by {{ post['username'] }} on {{ post['created'].strftime('%Y-%m-%d') }}</div>
    </div>
</article>
{% endfor %}
{% endblock %}
```
When a user is logged in, the `header` block adds a link to the `create` view. When the user is the author of a post, they'll see an "Edit" link to the `update` view for that post. `loop.last` is a special variable available inside `Jinja for loops`. It's used to display a line after each post except the last one, to visually separate them.

.. _Jinja for loops: https://jinja.palletsprojects.com/templates/#for

Create
------

The `create` view works the same as the auth `register` view. Either the form is displayed, or the posted data is validated and the post is added to the database or an error is shown.

The `login_required` decorator you wrote earlier is used on the blog views. A user must be logged in to visit these views, otherwise they will be redirected to the login page.

.. code-block:: python

    @bp.route('/create', methods=('GET', 'POST'))
    @login_required
def create():
    if request.method == 'POST':
        title = request.form['title']
        body = request.form['body']
        error = None

        if not title:
            error = 'Title is required.'

        if error is not None:
            flash(error)
        else:
db = get_db()

db.execute(
    'INSERT INTO post (title, body, author_id)
     VALUES (?, ?, ?)',
    (title, body, g.user['id'])
)

db.commit()

return redirect(url_for('blog.index'))

return render_template('blog/create.html')

.. code-block:: html+jinja

:caption: `flaskr/templates/blog/create.html`

{% extends 'base.html' %}

{% block header %}
    <h1>{% block title %}New Post{% endblock %}</h1>
{% endblock %}

{% block content %}
    <form method="post">
        <label for="title">Title</label>
        <input name="title" id="title" value="{{ request.form['title'] }}" required>
        <label for="body">Body</label>
        <textarea name="body" id="body">{{ request.form['body'] }}</textarea>
        <input type="submit" value="Save">
    </form>
{% endblock %}

Update
------

Both the ``update`` and ``delete`` views will need to fetch a ``post`` by ``id`` and check if the author matches the logged in user. To avoid duplicating code, you can write a function to get the ``post`` and call it from each view.

.. code-block:: python

:caption: `flaskr/blog.py`

def get_post(id, check_author=True):
    post = get_db().execute(
        'SELECT p.id, title, body, created, author_id, username
         FROM post p JOIN user u ON p.author_id = u.id
         WHERE p.id = ?',
        (id,)
    )
if post is None:
    abort(404, f"Post id {id} doesn't exist.")

if check_author and post['author_id'] != g.user['id']:
    abort(403)

return post

.. code-block:: python
   :caption: "flaskr/blog.py"

@bp.route('/<int:id>/update', methods=('GET', 'POST'))
@login_required
def update(id):
    post = get_post(id)

    if request.method == 'POST':
        title = request.form['title']
        body = request.form['body']
        error = None

        if not title:
            error = 'Title is required.'

        if error is not None:
            flash(error)
        else:
            db = get_db()
            db.execute(
                'UPDATE post SET title = ?, body = ?
                 WHERE id = ?
            ', (title, body, id)
            )
            db.commit()
            return redirect(url_for('blog.index'))
Unlike the views you've written so far, the `update` function takes an argument, `id`. That corresponds to the `\<int:id>\` in the route. A real URL will look like `/1/update`. Flask will capture the `\1\`, ensure it's an :class:`int`, and pass it as the `\id\` argument. If you don't specify `\int:` and instead do `\<id>\`, it will be a string.

To generate a URL to the update page, :func:`url_for` needs to be passed the `\id\` so it knows what to fill in: `url_for('blog.update', id=post['id'])`. This is also in the `index.html` file above.

The `create` and `update` views look very similar. The main difference is that the `update` view uses a `post` object and an `UPDATE` query instead of an `INSERT`. With some clever refactoring, you could use one view and template for both actions, but for the tutorial it's clearer to keep them separate.

```html+jinja
{% extends 'base.html' %}

{% block header %}
<h1>{% block title %}Edit "{{ post['title'] }}"{% endblock %}</h1>
{% endblock %}

{% block content %}
<form method="post">
  <label for="title">Title</label>
  <input name="title" id="title" value="{{ request.form['title'] or post['title'] }}" required>
  <label for="body">Body</label>
  <textarea name="body" id="body">{{ request.form['body'] or post['body'] }}</textarea>
  <input type="submit" value="Save">
</form>

<form action="{{ url_for('blog.delete', id=post['id']) }}" method="post">
  <input class="danger" type="submit" value="Delete" onclick="return confirm('Are you sure?');">
</form>

{% endblock %}
```

This template has two forms. The first posts the edited data to the current page (`\<id>/update\`). The other form contains only a button and specifies an `\action\` attribute that posts to the delete view instead. The button uses some JavaScript to show a confirmation dialog before submitting.
The pattern `{{ request.form['title'] or post['title'] }}` is used to choose what data appears in the form. When the form hasn't been submitted, the original `post` data appears, but if invalid form data was posted you want to display that so the user can fix the error, so `request.form` is used instead. `:data:` `request` is another variable that's automatically available in templates.

Delete
-----

The delete view doesn't have its own template, the delete button is part of `update.html` and posts to the `/<id>/delete` URL. Since there is no template, it will only handle the `POST` method and then redirect to the `index` view.

.. code-block:: python
   :caption: `flaskr/blog.py`

   @bp.route('/<int:id>/delete', methods=('POST',))
   @login_required
   def delete(id):
       get_post(id)
       db = get_db()
       db.execute('DELETE FROM post WHERE id = ?', (id,))
       db.commit()
       return redirect(url_for('blog.index'))

Congratulations, you've now finished writing your application! Take some time to try out everything in the browser. However, there's still more to do before the project is complete.

Continue to :doc:`install`.

Found in path(s):
* /opt/cola/permits/121065077_1633438616.77/0/flask-2.0.2.tar.gz/Flask-2.0.2/docs/tutorial/blog.rst
No license file was found, but licenses were detected in source scan.

[metadata]
name = Flask
version = attr: flask.__version__
url = https://palletsprojects.com/p/flask
project_urls =
    Donate = https://palletsprojects.com/donate
    Documentation = https://flask.palletsprojects.com/
    Changes = https://flask.palletsprojects.com/changes/
    Source Code = https://github.com/pallets/flask/
Issue Tracker = https://github.com/pallets/flask/issues/
Twitter = https://twitter.com/PalletsTeam
Chat = https://discord.gg/pallets
license = BSD-3-Clause
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = A simple framework for building complex web applications.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
Development Status :: 5 - Production/Stable
Environment :: Web Environment
Framework :: Flask
Intended Audience :: Developers
License :: OSI Approved :: BSD License
Operating System :: OS Independent
Programming Language :: Python
Topic :: Internet :: WWW/HTTP :: Dynamic Content
Topic :: Internet :: WWW/HTTP :: WSGI
Topic :: Internet :: WWW/HTTP :: WSGI :: Application
Topic :: Software Development :: Libraries :: Application Frameworks

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

[options.packages.find]
where = src

[options.entry_points]
console_scripts =
    flask = flask.cli:main

[tool:pytest]
testpaths = tests
filterwarnings =
    error

[coverage:run]
branch = True
source =
    flask
tests
[coverage:paths]
source =
src
*/site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E402
E501
E722
W503
max-line-length = 80
per-file-ignores =
src/flask/__init__.py: F401

[mypy]
files = src/flask
python_version = 3.6
allow_redefinition = True
disallow_subclassing_any = True
no_implicit_optional = True
local_partial_types = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True

[mypy-asgiref.*]
ignore_missing_imports = True

[mypy-blinker.*]
ignore_missing_imports = True

[mypy-dotenv.*]
ignore_missing_imports = True

[egg_info]
tag_build =
tag_date = 0

Found in path(s):
* /opt/cola/permits/1210655077_1633438616.77/0/flask-2-0-2-tar-gz/Flask-2.0.2/setup.cfg
No license file was found, but licenses were detected in source scan.

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1.495 logstash-input-heartbeat 3.1.1

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI) in the Netherlands as a successor of a
language called ABC. Guido is Python's principal author, although it
includes many contributions from others. The last version released
from CWI was Python 1.2. In 1995, Guido continued his work on Python
at the Corporation for National Research Initiatives (CNRI) in Reston,
Virginia where he released several versions of the software. Python
1.6 was the last of the versions released by CNRI. In 2000, Guido and
the Python core development team moved to BeOpen.com to form the
BeOpen PythonLabs team. Python 2.0 was the first and only release
from BeOpen.com.

Following the release of Python 1.6, and after Guido van Rossum left
CNRI to work with commercial software developers, it became clear that
the ability to use Python with software available under the GNU Public
License (GPL) was very desirable. CNRI and the Free Software
Foundation (FSF) interacted to develop enabling wording changes to the
Python license. Python 1.6.1 is essentially the same as Python 1.6,
with a few minor bug fixes, and with a different license that enables
later versions to be GPL-compatible. Python 2.1 is a derivative work
of Python 1.6.1, as well as of Python 2.0.

After Python 2.0 was released by BeOpen.com, Guido van Rossum and the
other PythonLabs developers joined Digital Creations. All
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1.501 spring-context-support 5.2.8.RELEASE

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jar/org/springframework/cache/jcache/JCacheCache.java
* /opt/cola/permits/1136838417_1613931142.36/0/spring-context-support-5-2-8-release-sources-
jar/org/springframework/cache/caffeine/CaffeineCacheManager.java
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# Defaults for the Java Activation Framework (revised).
#
# Modified extensions registered in this file:
# text/plain c c++ cpp pl cc h
# image/png
# image/svg+xml
# text/html htm HTML HTM
text/plaintxt text TXT TEXT java c c++ cpp pl cc h
image/gif GIF
image/iefief
image/jpegjpeg jpg jpe JPG
image/tiff tif
image/x-xwindowdumpxwd
application/postscriptai eps ps
application/rfttf
application/x-textext
application/x-texinfotexinfo texi
application/x-trofft tr roff
audio/basicau
audio/midimidi mid
# PNM (UNIX PPM package)
image/x-portable-anymap

# Microsoft Windows bitmap
image/x-ms-bmp

# CMU raster
image/x-cmu-rasterras

# Kodak Photo-CD
image/x-photo-cdpd

# Computer Graphics Metafile
image/cgm
cgm

# CALS Type 1 or 2
image/x-cals
mil cal

# Fractal Image Format (Iterated Systems)
image/fif

# QuickSilver active image (Micrografx)
image/x-mgx-dsf
dsf

# CMX vector image (Corel)
image/x-cmx

# Wavelet-compressed (Summus)
image/wavelet

# AutoCad Drawing (SoftSource)
image/vnd.dwg

# AutoCad DXF file (SoftSource)
image/vnd.dxf
dxf

# Simple Vector Format (SoftSource)
image/vnd.svf

# AUDIO/VOICE/MUSIC RELATED TYPES

# """basic"" audio - 8-bit u-law PCM"
audio/basic

# Macintosh audio format (Apple)
audio/x-aiff

# Microsoft audio
audio/x-wav

# MPEG audio
audio/x-mpeg

# MPEG-2 audio
audio/x-mpeg-2

# compressed speech (Echo Speech Corp.)
audio/echospeech

# Toolvox speech audio (Voxware)
audio/voxware

# RapidTransit compressed audio (Fast Man)
application/fastman

# Realaudio (Progressive Networks)
application/x-pn-realaudio

# MIDI music data
x-music/x-midi
# Koan music data (SSeyo)
application/vnd.koanskp
# Speech synthesis data (MVP Solutions)
text/x-speechtalk

# VIDEO TYPES

# MPEG video
video/mpeg
video/mpeg-2
video/mpeg-2v
# Macintosh Quicktime
video/quicktime
# Microsoft video
video/x-msvideo
# SGI Movie format
video/x-sgi-movie
# VDOlive streaming video (VDOnet)
video/vdo
# Vivo streaming video (Vivo software)
video/vnd.vivo

# SPECIAL HTTP/WEB APPLICATION TYPES

# Proxy autoconfiguration (Netscape browsers)
application/x-ns-proxy-autoconfig
# Netscape Cooltalk chat data (Netscape)
x-conference/x-cooltalk

# TEXT-RELATED

# PostScript
application/postscript
# Microsoft Rich Text Format
application/rtf
# Adobe Acrobat PDF
application/pdf
# Maker Interchange Format (FrameMaker)
application/vnd.mif
# Troff document
application/x-troff
# Troff document with MAN macros
application/x-troff-man
# Troff document with ME macros
application/x-troff-meme
# Troff document with MS macros
application/x-troff-ms
# Javascript program
text/javascript
text/javascript
# UNIX bourne shell program
application/x-sh
# UNIX c-shell program
application/x-csh
# Perl program
application/x-perl
# Tcl (Tool Control Language) program
application/x-tcl

# ANIMATION/MULTIMEDIA

# FutureSplash vector animation (FutureWave)
application/futuresplash
# mBED multimedia data (mBED)
application/mbedlet
# PowerMedia multimedia (RadMedia)
application/x-rad-powermedia

# PRESENTATION

# PowerPoint presentation (Microsoft)
application/mspowerpoint
# ASAP WordPower (Software Publishing Corp.)
application/x-asap
# Astound Web Player multimedia data (GoldDisk)
application/astound

# SPECIAL EMBEDDED OBJECT

# OLE script e.g. Visual Basic (Ncompass)
application/x-olescript
# OLE Object (Microsoft/NCompass)
application/x-oleobject
# OpenScape OLE/OCX objects (Business@Web)
x-form/x-openscape
# Visual Basic objects (Amara)
application/x-webbasic
# Specialized data entry forms (Alpha Software)
application/x-alpha-form
# client-server objects (Wayfarer Communications)
x-script/x-wfxclient

# GENERAL APPLICATIONS

# Undefined binary data (often executable progs)
application/octet-stream
# Pointcast news data (Pointcast)
application/x-pcnpcn
# Excel spreadsheet (Microsoft)
application/vnd.ms-excel
# PowerPoint (Microsoft)
application/vnd.ms-powerpoint
# Microsoft Project (Microsoft)
application/vnd.ms-project
# SourceView document (Dataware Electronics)
application/vnd.svd
# Net Install - software install (20/20 Software)
application/x-net-install
# Carbon Copy - remote control/access (Microcom)
application/cccv
# Spreadsheets (Visual Components)
workbook/formulaone

# 2D/3D DATA/VIRTUAL REALITY TYPES

# VRML data file
x-world/x-vrml wrl vrm
# WIRL - VRML data (VREAM)
x-world/x-vreamvwr
# Play3D 3d scene data (Play3D)
application/x-p3dp3d
# Viscape Interactive 3d world data (Superscape)
x-world/x-svrsvr
# WebActive 3d data (Plastic Thought)
x-world/x-wvrvwr
# QuickDraw3D scene data (Apple)
x-world/x-3dmf3dmf

# SCIENTIFIC/MATH/CAD TYPES

# Mathematica notebook
application/mathematica
# Computational meshes for numerical simulations
x-model/x-meshmsh
# Vis5D 5-dimensional data
application/vis5dv5d
# IGES models -- CAD/CAM (CGM) data
application/iges
# Autocad WHIP vector drawings
drawing/x-dwfdwf

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* /opt/cola/permits/1136838417_1613931142.36/0/spring-context-support-5-2-8-release-sources-jar/org/springframework/cache/transaction/AbstractTransactionSupportingCacheManager.java
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1.506 bzip2 1.0.6-7+deb8u2

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.507 logstash-input-gelf 3.3.0

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1.508 sed 4.2.2 7

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1.513 nspr 4.25.0-2.el7_9

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1.514 xmlunit-core 2.3.0

1.515 libffi 3.2.1 4
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1.518 curl 7.47.0 1ubuntu2.14
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1.521 glib 2.66.8-1

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

1.523 jaxb-runtime 2.3.1

1.524 gson 2.8.5

1.525 httpcomponents-core 4.4.4

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1.527 logstash-mixin-aws 4.4.1

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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.

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
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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.

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 * https://github.com/marianobarrios/tls-channel
 */

/**
 * Writes a sequence of bytesProduced to this channel from a subsequence of the
 * given buffers.
 *
 * <p>
 * See {@link GatheringByteChannel#write(ByteBuffer[], int, int)} for more
 * details of the meaning of this signature.
 *
 * <p>
 * This method behaves slightly different than the interface specification,
 * with respect to non-blocking responses, see {@link #write(ByteBuffer)}
 * for more details.
 *
 * @param srcs   The buffers from which bytesProduced are to be retrieved
 * @param offset The offset within the buffer array of the first buffer from
 * which bytesProduced are to be retrieved; must be non-negative and no
 * larger than srcs.length
 * @param length The maximum number of buffers to be accessed; must be
 * non-negative and no larger than srcs.length
 * @return The number of bytesProduced written, contrary to the behavior specified
 * in { @link ByteChannel}, this method never returns 0, but throws
 * { @link WouldBlockException}
 * @throws IndexOutOfBoundsException If the preconditions on the offset and
 * length parameters do not hold
 */
* @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation cannot be completed immediately
* @throws NeedsTaskException        if the channel is not configured to run tasks automatically and a task needs to be executed to complete the operation
* @throws SSLException              if the {@link SSLEngine} throws a SSLException
* @throws IOException               if the underlying channel throws an IOException
*/

/**
 * Reads a sequence of bytesProduced from this channel into a subsequence of the given buffers.
 * 
 * See {@link ScatteringByteChannel#read(ByteBuffer[], int, int)} for more details of the meaning of this signature.
 * 
 * This method behaves slightly different than the interface specification, with respect to non-blocking responses, see {@link #read(ByteBuffer)} for more details.
 *
 * @param dsts   The buffers into which bytesProduced are to be transferred
 * @param offset The offset within the buffer array of the first buffer into which bytesProduced are to be transferred; must be non-negative and no larger than <tt>dsts.length</tt>
 * @param length The maximum number of buffers to be accessed; must be non-negative and no larger than <tt>dsts.length</tt> &nbsp;-&nbsp;&nbsp;<tt>offset</tt>
 * @return The number of bytesProduced read, or <tt>-1</tt> if the channel has reached end-of-stream; contrary to the behavior specified in{@link ByteChannel}, this method never returns 0, but throws
 *         {@link WouldBlockException}
 * @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and <tt>length</tt> parameters do not hold
 * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation cannot be completed immediately
 * @throws NeedsTaskException        if the channel is not configured to run tasks automatically and a task needs to be executed to complete the operation
 * @throws SSLException              if the {@link SSLEngine} throws a SSLException
 * @throws IOException               if the underlying channel throws an IOException
 */

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/**
* Returns an array containing all of the elements in this deque, in
* proper sequence (from first to last element).
* 
* <p>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.
* 
* <p>This method acts as bridge between array-based and collection-based
* APIs.
* 
* @return an array containing all of the elements in this deque
*/

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* /opt/cola/permits/1138169255_1614268297.25/0/mongodb-driver-core-4.0.4-sources.jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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  jar/com/mongodb/internal/connection/SplittablePayload.java
* /opt/cola/permits/1138169255_1614268297.25/0/mongodb-driver-core-4-0-4-sources-
  jar/com/mongodb/internal/async/client/gridfs/GridFSIndexCheck.java
* /opt/cola/permits/1138169255_1614268297.25/0/mongodb-driver-core-4-0-4-sources-
  jar/com/mongodb/management/ConnectionPoolStatistics.java
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  jar/com/mongodb/internal/connection/BaseCluster.java
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  jar/com/mongodb/internal/operation/OperationReadConcernHelper.java
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  jar/com/mongodb/MongoSocketException.java
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 * https://github.com/marianobarrios/tls-channel
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1.539 jackson-jaxrs 2.11.0

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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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1.540 fonts-dejavu 2.37-2
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1.542 mysql-defaults 5.8+1.0.7

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* DNS resolver (dirmngr/dns.c)

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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/package-info.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/step/StepMeasurement.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/interval/TimedExecutorService.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/db/PostgreSQLDatabaseMetrics.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/composite/CompositeFunctionTimer.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/annotation/Counted.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/dropwizard/DelegatingDropwizardLongGauge.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/config/MeterFilterReply.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/dropwizard/package-info.java
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/composite/CompositeFunctionCounter.java
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/composite/package-info.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowFixedBoundaryHistogram.java
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardTimer.java
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardTimer.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jvm/DiskSpaceMetrics.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/util/DoubleFormat.java
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jvm/DiskSpaceMetrics.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/EmptyContiguousSet.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/MapConstraint.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Multimaps.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/HashMultimap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Maps.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ImmutableList.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ForwardingMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/MutableClassToInstanceMap.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/CountingInputStream.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/cache/Cache.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/math/package-info.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/RangeSet.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/ImmutableSortedMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ForwardingSortedMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/SortedIterable.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/Count.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/UnsignedInteger.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/SparseImmutableTable.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/net/PercentEscaper.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/Ints.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/CaseFormat.java
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jar/com/google/common/util/concurrent/FakeTimeLimiter.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/cache/Striped64.java
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1.568 reactor-extra 3.3.3.RELEASE

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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/maths/MonoAverageBigDecimal.java
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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
THREADSCPFLAGS = -D_REENTRANT
LIBCPFLAGS =

## 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 $@ $<
## Dependency rules

%.d: $(srcreg)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n[ -s $@ ] || rm -f $@"'

%.d: $(srcreg)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \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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1.573 pkg-config 0.29.2-1

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* /opt/ws_local/PERMITS_SQL/1020456226_1591369583.76/0/janino-3-1-0-sources-jar/org/codehaus/janino/tools/package-info.java
* /opt/ws_local/PERMITS_SQL/1020456226_1591369583.76/0/janino-3-1-0-sources-jar/org/codehaus/janino/samples/package-info.java
* /opt/ws_local/PERMITS_SQL/1020456226_1591369583.76/0/janino-3-1-0-sources-jar/org/codehaus/janino/util/package-info.java
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  jar/org/codehaus/janino/CodeContext.java
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jar/org/codehaus/janino/Access.java
* /opt/ws_local/PERMITS_SQL/1020456226_1591369583.76/0/janino-3-1-0-sources-
jar/org/codehaus/janino/ExpressionEvaluator.java
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/framework/adapter/AfterReturningAdviceInterceptor.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/framework/ProxyProcessorSupport.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/framework/adapter/ThrowsAdviceInterceptor.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/framework/autoproxy/AutoProxyUtils.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/aopalliance/intercept/MethodInterceptor.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/config/AdvisorComponentDefinition.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/scope/ScopedProxyFactoryBean.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/target/dynamic/AbstractRefreshableTargetSource.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/aopalliance/aop/AspectException.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/aspectj/SimpleAspectInstanceFactory.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/framework/DefaultAdvisorChainFactory.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1.jar/org/springframework/aop/aspectj/MethodInvocationProceedingJoinPoint.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
jar/org/springframework/aop/framework/AbstractSingletonProxyFactoryBean.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
jar/org/springframework/aop/target/SingletonTargetSource.java
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jar/org/springframework/aop/framework/autoproxy/target/LazyInitTargetSourceCreator.java
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/framework/CglibAopProxy.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/aspectj/autoproxy/AspectJAwareAdvisorAutoProxyCreator.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/framework/autoproxy/AbstractAdvisorAutoProxyCreator.java
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  jar/org/springframework/aop/interceptor/AbstractMonitoringInterceptor.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/aspectj/autoproxy/AspectJPrecedenceComparator.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/framework/autoproxy/AbstractAdvisorAutoProxyCreator.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/framework/autoproxy/AbstractAdvisorAutoProxyCreator.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
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* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/config/AspectEntry.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/framework/InterceptorAndDynamicMethodMatcher.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/framework/AdvisedSupportListener.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/framework/AopInfrastructureBean.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-jar/org/springframework/aop/SpringProxy.java
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  jar/org/springframework/aop/support/DefaultIntroductionAdvisor.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/support/ClassFilters.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/support/MethodMatchers.java
* /opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
  jar/org/springframework/aop/framework/AdvisedSupport.java
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  jar/org/springframework/aop/framework/MethodMatchers.java
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*/opt/cola/permits/1135888174_1613626055.99/0/spring-aop-5-2-8-release-sources-1-
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jar/org/springframework/aop/framework/ReflectiveMethodInvocation.java
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jar/org/springframework/aop/aspectj/AspectJProxyUtils.java
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jar/org/springframework/aop/aspectj/TypePatternClassFilter.java
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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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 */opt/cola/permits/1111319042_1606900664.15/0/netty-tnative-boringssl-static-2-0-9-final-sources-1.jar/io/netty/internal/tnative/SSL.java
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  jar/io/netty/internal/tnative/CertificateRequestedCallback.java
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Manifest-Version: 1.0
BoringSSL-Revision: 26f2bae4e7bda885379d23bdc756fe17be58c753
Bundle-Description: A Mavenized fork of Tomcat Native which incorporates various patches. This artifact is statically linked to BoringSSL
Apr-Version: 1.6.3
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: Norman Maurer
Bnd-LastModified: 1529054373442
Bundle-ManifestVersion: 2
Found in path(s):
* /opt/cola/permits/1111319042_1606900664.15/0/netty-tcnative-boringssl-static-2-0-9-final-sources-1-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1111319042_1606900664.15/0/netty-tcnative-boringssl-static-2-0-9-final-sources-1-jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java

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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 3a0982da308228d796df35f98d787c5cffe2bb5b6.

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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  jar/org/springframework/web/servlet/mvc/method/annotation/RequestAttributeMethodArgumentResolver.java
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  jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/handler/AbstractHandlerMethodExceptionResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/config/annotation/ResourceChainRegistration.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/handler/UserRoleAuthorizationInterceptor.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/function/HandlerFilterFunction.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceUrlProviderExposingInterceptor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/DispatcherServlet.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/view/script/ScriptTemplateView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/web/SmartView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/handler/ConversionServiceExposingInterceptor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/tags/form/OptionWriter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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  jar/org/springframework/web/servlet/handler/AbstractDetectingUrlHandlerMapping.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/handler/AbstractServletHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/tags/form/TagIdGenerator.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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  jar/org/springframework/web/servlet/handler/DispatcherServletWebRequest.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdviceAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
  jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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  jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/DefaultExceptionHandler.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/freemarker/FreemarkerConfigurer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/RequestContextUtils.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/SelectedValueComparator.java
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*/opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
*/opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/mvc/condition/RequestMethodsRequestCondition.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2.jar/org/springframework/web/servlet/function/DefaultServerRequest.java
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Tests included here are based on build output generated by the six-speed
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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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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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written by Theodore Ts'o <tytso@mit.edu> and Remy Card
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--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 /*
 */
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

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-
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Theodore Ts'o
23-June-2007
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That's all there is to it!
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 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: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

From the original distribution:

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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_SHLIB) $(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) 
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

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)

This is the Debian GNU/Linux prepackaged version of the Common Error
Description 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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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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1.609 libcap 2.43
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1.610 jruby-stdin-channel 0.2.0-java

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1.611 jackson-module-afterburner 2.11.2

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1.612 libsemanage 2.3-1
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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/json/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Crc32.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.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.
 * 
 * [@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 \tt12 (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)
 * 
 * BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
 * +--------+----------------+      +--------+----------------+
 * | Length | Actual Content |----->| Length | Actual Content |
 * +--------+----------------+      +--------+----------------+
 * | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
 * +--------+----------------+      +--------+----------------+
 * </pre>
 */
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" |
+--------+----------------+      +----------------+
```

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" |
+--------+----------------+      +--------+----------------+
```

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.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
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. <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 | 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
* lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
* initialBytesToStrip = 3

**BEFORE DECODE (16 bytes) after decode (13 bytes)**

| HDR1 | Length | HDR2 | Actual Content |
| 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |

* @see LengthFieldPrepender
*/

Found in path(s):
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1.jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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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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  jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
  jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DateFormatter.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DatagramPacketEncoder.java
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jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/ValueConverter.java
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jar/io/netty/handler/codec/serialization/package-info.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/DecompressionException.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DecoderResult.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Encoder.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DecoderException.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/protobuf/package-info.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/string/package-info.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/LengthFieldPrepender.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/protobuf/package-info.java
/ opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/base64/package-info.java
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jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/MessageAggregator.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/DELimiters.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassResolver.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/xml/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/META-INF/maven/io.netty/netty-codec/pom.xml

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* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-jar/io/netty/handler/codec/DefaultHeaders.java
* /opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-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
* <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
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*/

/opt/ws_local/PERMITS_SQL/1075319108_1596106865.94/0/netty-codec-4-1-35-final-sources-1-
jar/io/netty/handler/codec/base64/Base64.java

1.615 six 1.16.0

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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 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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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.

1. You may copy and distribute verbatim copies of the Library's
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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
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 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 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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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.

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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 version 2 of the License, or (at your option) any later version.

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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

That's all there is to it!

1.617 libksba 1.3.5-2
1.617.1 Available under license:

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Version 3, 29 June 2007

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these rights or asking you to surrender the rights. Therefore, you have
certain responsibilities if you distribute copies of the software, or if
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For example, if you distribute copies of such a program, whether
gratis or for a fee, you must pass on to the recipients the same
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Developers that use the GNU GPL protect your rights with two steps:
(1) assert copyright on the software, and (2) offer you this License
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For the developers' and authors' protection, the GPL clearly explains
that there is no warranty for this free software. For both users' and
authors' sake, the GPL requires that modified versions be marked as
changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a
computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


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.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (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.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable 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 which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

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Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

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5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an
"aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

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.
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1.618 xorg 7.7+22

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* /opt/cola/permits/1192756190_1629279316.52/0/jnr-netdb-1-2-0-sources-jar/jnr/netdb/StringUtil.java

1.621 logstash-filter-urldecode 3.0.6
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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 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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cia-bundle.crt -- Bundle of CA Root Certificates

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

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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1.624 mime-pull 1.9.7

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* /opt/cola/permits/1243283006_1639631829.33/0/qpid-proton-j-extensions-1-2-4-jar/META-INF/maven/com.microsoft.azure/qpid-proton-j-extensions/pom.xml

1.626 cracklib 2.9.0 11.el7

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Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

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

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

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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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Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
-----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

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If it's sinful, it's more fun.

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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.

-------------------------------------------------------------
Open Source Used In Cisco Optical Network Planner 4.2.2  7350

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-ipv5.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 191Gxptr020623
   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: <1b1b3fd80710010908k11dad0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
   <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
   <1b1b3fd80710010908k11dad0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@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
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in the repository and clean up the repository/tarballs? I have all the
original discussion, but something succinct and self contained
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The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

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Happy now? :-)  

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1.627 blink 1.4
1.627.1 Available under license:
Tests that when a position is available, no callbacks are invoked until permission is denied.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
EDITING DELEGATE: webViewDidChangeSelection:WebViewDidChangeSelectionNotification
EDITING DELEGATE: webViewDidChangeSelection:WebViewDidChangeSelectionNotification
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This tests the endpoints of a DOM Range object made from a selection around certain types elements. These endpoints shouldn't be at offsets inside nodes that aren't containers or text nodes.

Hello world!
Hello World!
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success
Success

Open Source Used In Cisco Optical Network Planner 4.2.2 7358
Success
Success
Success
Tests that when a position is available, no callbacks are invoked until permission is allowed.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS Success callback invoked
PASS successfullyParsed is true

TEST COMPLETE

Tests that when Geolocation permission has been denied prior to a call to watchPosition, and the watch is cleared in the error callback, there is no crash. This a regression test for https://bugs.webkit.org/show_bug.cgi?id=32111.

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TEST COMPLETE

Tests that it is possible to request permission to display Web Notifications from a document context, for which the passed callback will be invoked with the requests' result. It also makes sure that not passing a callback won't result in a crash.

PASS successfullyParsed is true

TEST COMPLETE

PASS result is "default"
PASS result is "granted"
This is a copy of CONTRIBUTORS file for the Pthreads-win32 library, downloaded from http://sourceware.org/cgi-bin/cvsweb.cgi/~checkout~/pthreads/CONTRIBUTORS?rev=1.32&cvsroot=pthreads-win32

Included here to compliment the Pthreads-win32 license header in wtf/ThreadingWin.cpp file. WebKit is using derived sources of ThreadCondition code from Pthreads-win32.

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
initiated the project;
set up the project infrastructure (CVS, web page, etc.);
early prototype routines.
Ross Johnson
setup the project infrastructure (CVS, web page, etc.);
ongoing project coordination/maintenance;
implementation of spin locks and barriers;
various enhancements;
bug fixes;
documentation;
testsuite.
Robert Colquhoun
early prototype routines;
ongoing project coordination/maintenance;
implementation of spin locks and barriers;
various enhancements;
bug fixes;
documentation;
testsuite.
Anders Norlander
early enhancements and runtime checking for supported
Win32 routines.
Tor Lilqvist
general enhancements;
early bug fixes to condition variables.
Scott Lightner
bug fix.
Kevin Ruland
various bug fixes.
Mike Russo
bug fix.
Mark E. Armstrong
bug fixes.
Lorin Hochstein
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 Hensema
Bug fixes.
Rich Petersrpeters at micro-magic dot com
Todd Owenton at lucidcalm dot dropbear dot id dot au
Bug fixes to dll loading.
Jason Nyejnye at nbnet dot nb dot ca
Implementation of async cancelation.
Fred Foresterforest at eticomm dot net
Kevin D. Clarkckcld at cabletron dot com
David Baggettddmb at itasoftware dot com
Bug fixes.
Paul Redondopaul at matchvision dot com
Scott McCaskill scott at 3dfx dot com
Bug fixes.
Jef Gearhartjgearhart at tpssys dot com
Bug fix.
Arthur Kantorakantor at bexusa dot com
Mutex enhancements.
Steven Reddiesmr at esemee dot com dot au
Bug fix.
Alexander TerekhovTEREKHOV 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 Pfafftpfaff 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 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 Korndgk 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 junodot com prionx at junodot 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 Fannerr fanner 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 Bryant will dot bryant at ecosm dot com
Borland compiler patch and makefile.
Anuj Goyalanuj dot loyal at gmail dot com
Port to Digital Mars compiler.
Gottlob Frege gottlobfrege 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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PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"xhtml1-strict.dtd">
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<body>
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<h3>
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PASS: first plugin loaded
Written in 2013 by Simon Sapin.

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On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
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On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true
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Tests that when multiple requests are waiting for permission, no callbacks are invoked until permission is allowed.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS Success callback invoked
PASS Success callback invoked
PASS successfullyParsed is true

TEST COMPLETE
frame "<!-framePath //<!-frame0-->" - has 1 onunload handler(s)
Tests that when a request is made on a Geolocation object, permission is denied and its Frame is disconnected before a callback is made, no callbacks are made.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".
PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"

PASS No callbacks invoked
PASS successfullyParsed is true

TEST COMPLETE
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Detaching a frame should bypass it's cached permissionclient state in StorageAreaProxy.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS storage.length threw exception SecurityError: Failed to read the 'length' property from 'Storage': access is denied for this document..
PASS storage.getItem('foo') threw exception SecurityError: Failed to execute 'getItem' on 'Storage': access is denied for this document..
PASS storage.setItem('foo', 'bar') threw exception SecurityError: Failed to execute 'setItem' on 'Storage': access is denied for this document..
PASS storage.key(0) threw exception SecurityError: Failed to execute 'key' on 'Storage': access is denied for this document..
PASS storage.clear() threw exception SecurityError: Failed to execute 'clear' on 'Storage': access is denied for this document..
PASS successfullyParsed is true

TEST COMPLETE
Tests that the return values of Notification.permission match the permission request status.

PASS Notification.permission is "default"
PASS Notification.permission is "denied"
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Version 1.1 - 26 February 2007

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<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"xhtml1-strict.dtd">
<html xmlns='http://www.w3.org/1999/xhtml'>
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PASS: Navigation relative to base element.

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Tests that the Notification.permission static property exists.

PASS window.Notification is defined.
PASS window.Notification.permission is defined.
PASS successfullyParsed is true

TEST COMPLETE
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Tests that the <iframe sandbox> attribute influences whether notification permissions will be inherit by an iframe.

Normal iframe. Should inherit permissions.

Sandboxed iframe with allow-same-origin. Should inherit permissions.

Sandboxed iframe without allow-same-origin. Should not inherit permissions.

--------
Frame: `<!doctype //<!doctype0-->-->'
--------
granted
Tests that when a page is reloaded, the frame is properly detached from the Geolocation object to ensure that no permission requests are in progress.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS numPendingRequests is 0
PASS successfullyParsed is true

TEST COMPLETE
This test copies and pastes content inside a body with background and text-decoration properties. WebKit should not nest body.

```
| " |
| <ul>
| " |
| <li>
| "hello, world"
| <a>
| href="http://www.webkit.org/"
| "WebKit"
| " |
| <li>
| "Copied content"
| <li>
| "hello, world"
| <a>
| href="http://www.webkit.org/"
| "WebKit"
| <li>
| "Copied content"<#selection-caret>"
| " |
| " |
```
Tests that when Geolocation permission has been denied prior to a call to a Geolocation method, the error callback is invoked with code PERMISSION_DENIED, when the Geolocation service encounters an error.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
Tests Geolocation when permission is denied, using the mock service.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
DESKTOP NOTIFICATION SHOWN: Hello, world!
Tests that notifications can be displayed when permission has been granted. The text "notification.onshow fired" should be displayed. When running this test manually, accept the permission request.

PASS successfullyParsed is true

TEST COMPLETE
notification.onshow fired.
Tests that when Geolocation permission is denied, watches are stopped, as well as one-shots.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
Tests that when multiple requests are waiting for permission, no callbacks are invoked until permission is denied.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS error.code is error.PERMISSION_DENIED
PASS error.message is "User denied Geolocation"
PASS successfullyParsed is true

TEST COMPLETE
Test if sysex permission request is handled.

On success, you will see a series of "PASS" messages, followed by "TEST COMPLETE".

PASS testRunner.setMIDISysexPermission is defined.
PASS navigator.requestMIDIAccess is defined.
PASS promise is defined.
PASS promise.then is defined.
PASS sysex permission request is successfully rejected.
PASS promise is defined.
PASS promise.then is defined.
PASS sysex permission request is successfully accepted.
PASS access is defined.
PASS access.sysexEnabled is defined.
PASS access.sysexEnabled is true
PASS all permission request rests pass successfully.
PASS successfullyParsed is true

TEST COMPLETE
Tests that notifications will not be displayed when no permission has been granted. The text "notification.onerror fired" should be displayed below.

PASS successfullyParsed is true

TEST COMPLETE
notification.onerror fired.

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE html
PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"xhtml1-strict.dtd">
<html xmlns='http://www.w3.org/1999/xhtml'>
<head>
<title>W3C IPR SOFTWARE NOTICE</title>
</head>
<body>
<h1>
W3C IPR SOFTWARE NOTICE
</h1>
<h3>
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1.630 common-utils 5.5.1

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1.634 logstash-input-dead_letter_queue 1.1.6

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The following is a list of people who have contributed ideas, code, bug reports, or in general have helped logstash along its way.

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* Richard Pijnenburg (electrical)
* Suyog Rao (suyograo)
* Tal Levy (talevy)

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1.638 libxtst 1.2.3-1

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Written by: Philip Hazel
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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 3a0982da308228d796df35f98d787c5cf2bb5b6,
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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.

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===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
<![--
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<![-- Generate ISC copyright comments from Docbook copyright metadata. -->

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

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

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MortBay

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
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
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1.660 libclass-c3-perl 0.26-1

1.661 jackson-datatype-jsr310 2.11.2

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1.662 logstash-output-file 4.3.0

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* Ivan Babrou (bobrik)
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* Philippe Weber (wiibaa)
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* Richard Pijnenburg (electrical)

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1.665 junit 4.13

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1.666 icu 63

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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

THREADSCPFPFLAGS = -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/\(^\*\)/\1.o :/g' \>| rm -f $\"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec \"$(GEN_DEPS.cc) $< \n| sed 's/\(^\*\)/\1.o $@ :/g' \>| 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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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/server/reactive/ServerHttpRequestDecorator.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/server/reactive/DefaultServerHttpRequestBuilder.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/codec/xml/Jaxb2XmlEncoder.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/server/handler/DefaultWebFilterChain.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/web/server/handler/DefaultWebFilterChain.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/web/client/RestOperationsExtensions.kt
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/codec/xml/Jaxb2Xmlencoder.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/filter/CompositeFilter.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/client/ClientHttpRequestExecution.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/annotation/CookieValue.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/annotation/PutMapping.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/ReactiveHttpInputMessage.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/cors/CorsConfigurationSource.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/annotation/PutMapping.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/ReactiveHttpInputMessage.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/prs.xsf+xml
application/pskc+xml
# application/qsig
# application/raptorfec
# application/rdap+json
application/rdf+xml
application/reginfo+xml
application/relax-ng-compact-syntax
# application/remote-printing
# application/reputon+json
application/resource-lists+xml
application/resource-lists-diff+xml
# application/rfc+xml
# application/riscos
# application/rml+xml
application/rls-services+xml
application/rpki-ghostbusters+xml
application/rpki-manifest+xml
application/rpki-roa+xml
# application/rpki-updown
application/rd+xml
application/rss+xml
application/rtf
# application/rtploopback
# application/rtx
# application/saml+xml
# application/samml+xml
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/vnd.oma.cab-address-book+xml
# application/vnd.oma.cab-feature-handler+xml
# application/vnd.oma.cab-pcc+xml
# application/vnd.oma.cabsubs-invite+xml
# application/vnd.oma.cab-user-prefs+xml
# application/vnd.oma.dcd
# application/vnd.oma.dcdc
application/vnd.oma.dd2+xml
dd2
# 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
# application/vnd.onepager
# application/vnd.openblox.game+xml
# application/vnd.openblox.game-binary
# application/vnd.openeye.oeb
application/vnd.openofficeorg.extension
toxt
# application/vnd.openxmlformats-officedocument.custom-properties+xml
# application/vnd.openxmlformats-officedocument.customxmlproperties+xml
# application/vnd.openxmlformats-officedocument.drawing+xml
# application/vnd.openxmlformats-officedocument.drawingml.chart+xml
# application/vnd.openxmlformats-officedocument.drawingml.chartshapes+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramcolors+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramdata+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramlayout+xml
# application/vnd.openxmlformats-officedocument.drawingml.diagramstyle+xml
# application/vnd.openxmlformats-officedocument.drawingml.extended-properties+xml
# application/vnd.openxmlformats-officedocument.presentationml.commentauthors+xml
# application/vnd.openxmlformats-officedocument.presentationml.comments+xml
# application/vnd.openxmlformats-officedocument.presentationml.handoutmaster+xml
# application/vnd.openxmlformats-officedocument.presentationml.notesmaster+xml
# application/vnd.openxmlformats-officedocument.presentationml.notesslide+xml
application/vnd.openxmlformats-officedocument.presentationml.presentation
pptx
# application/vnd.openxmlformats-officedocument.presentationml.presentation.main+xml
# application/vnd.openxmlformats-officedocument.presentationml.presprops+xml
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- application/vnd.radisys.msml+xml
- application/vnd.radisys.msml-audit+xml
- application/vnd.radisys.msml-audit-conf+xml
- application/vnd.radisys.msml-audit-conn+xml
- application/vnd.radisys.msml-audit-dialog+xml
- application/vnd.radisys.msml-audit-stream+xml
- application/vnd.radisys.msml-conf+xml
- application/vnd.radisys.msml-dialog+xml
- application/vnd.radisys.msml-dialog-base+xml
- application/vnd.radisys.msml-dialog-fax-detect+xml
- application/vnd.radisys.msml-dialog-fax-sendrecv+xml
- application/vnd.radisys.msml-dialog-group+xml
- application/vnd.radisys.msml-dialog-speech+xml
- application/vnd.radisys.msml-dialog-transform+xml
- application/vnd.rainstor.data
- application/vnd.rapid
- application/vnd.rar
- application/vnd.realvnc.bed
- application/vnd.recordare.musicxml+xml
- application/vnd.recordare.musicxml
- application/vnd.rig.cryptonote
- application/vnd.rim.cod
- application/vnd.rn-realmedia
- application/vnd.rn-realmedia-vbr
- application/vnd.route66.link66+xml
- application/vnd.rs-274x
- application/vnd.ruckus.download
- application/vnd.s3sms
- application/vnd.sailingtracker.track
- application/vnd.sbm.cid
- application/vnd.sbm.mid2
- application/vnd.scribus
- application/vnd.sealed.3df
- application/vnd.sealed.csf
- application/vnd.sealed.doc
- application/vnd.sealed.eml
- application/vnd.sealed.mht
- application/vnd.sealed.net
- application/vnd.sealed.ppt
- application/vnd.sealed.tiff
- application/vnd.sealed.xls
- application/vnd.sealedmedia.softseal.html
- application/vnd.sealedmedia.softseal.pdf
- application/vnd.seemail
- application/vnd.sema
- application/vnd.semd
- application/vnd.semf
# audio/32kadpcm
# audio/3gpp
# audio/3gpp2
# audio/ac3
audio/adpcmadp
# audio/amr
# audio/amr-wb
# audio/amr-wb+
# audio/aptx
# audio/asc
# audio/atrac-advanced-lossless
# audio/atrac-x
# audio/atrac3
audio/basic snd
# audio/bv16
# audio/bv32
# audio/clearmode
# audio/cn
# audio/dat12
# audio/dls
# audio/dsr-es201108
# audio/dsr-es202050
# audio/dsr-es202211
# audio/dsr-es202212
# audio/dv
# audio/dvi4
# audio/eac3
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# audio/evrc-qcp
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# audio/g7221
# audio/g723
# audio/g726-16
# audio/g726-24
# audio/g726-32
# audio/g726-40
# audio/g728
# audio/g729
# audio/g7291
# audio/g729d
# audio/g729e
# audio/gsm
# audio/gsm-efr
# audio/gsm-hr-08
# audio/ilbc
# audio/ip-mr_y2.5
# audio/isac
# audio/f16
# audio/l20
# audio/l24
# audio/l8
# audio/lpc
audio/midimid midi kar rmi
# audio/mobile-xmf
audio/mp4m4a mp4a
# audio/mp4a-latm
# audio/m4a
# audio/m4a-robust
audio/mpegmpga mp2 mp2a mp3 m2a m3a
# audio/mpeg4-generic
# audio/musepack
audio/oggoga ogg spx
# audio/opus
# audio/parityfec
# audio/pcma
# audio/pcma-wb
# audio/pcm
# audio/pcmwb
# 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
# audio/vnd.dolby.mltp
# audio/vnd.dolby.mps
# audio/vnd.dolby.pl2
# audio/vnd.dolby.pl2x
# audio/vnd.dolby.pl2z
# audio/vnd.dolby.pulse.1
audio/vnd.dradra
audio/vnd.dtsdts
audio/vnd.dts.hdtshd
# audio/vnd.dvb.file
# audio/vnd.everad.plj
# audio/vnd.hns.audio
audio/vnd.lucent.voicelvp
audio/vnd.ms-playready.media.pyapya
# audio/vnd.nokia.mobile-xmf
# audio/vnd.nortel.vbk
audio/vnd.nuera.ecelp4800ecelp4800
audio/vnd.nuera.ecelp7470ecelp7470
audio/vnd.nuera.ecelp9600ecelp9600
# audio/vnd.octel.sbc
# audio/vnd.qcelp
# audio/vnd.rhetorex.32kadpcm
audio/vnd.ripp
text/x-sfv

text/x-uuencode

text/x-vcalendar

text/x-vcard

# text/xml

# text/xml-external-parsed-entity

video/1d-interleaved-parityfec

video/3gpp3gp

# video/3gpp-tt

video/3gpp23g2

# video/bmpeg

# video/bt656

# video/celb

# video/dv

# video/encaprtpt

# video/example

video/h261h261

video/h263h263

# video/h263-1998

# video/h263-2000

video/h264h264

# video/h264-rcdo

# video/h264-svc

# video/h265

# video/iso.segment

video/jpegjpgv

# video/jpeg2000

video/jpmjpm jpgm

video/mj2mj2 mjpmj2

# video/mp1s

# video/mp2p

# video/mp2t

video/mp4mp4 mp4v mpg4

# video/mp4v-es

video/mpegmpeg mpg m1v m2v

# video/mpeg4-generic

# video/mpv

# video/nv

video/oggoggv

# video/parityfec

# video/pointer

video/quicktimeqt mov

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# video/raw

# video/rtp-enc-aescm128

# video/rtploopback

# video/rtx

# video/smpte292m
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  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/mime.types

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  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/client/BufferingClientHttpRequestWrapper.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/client/SimpleClientHttpRequestFactory.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/support/LiveBeansViewServlet.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/support/ServletContextAttributeFactoryBean.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/remoting/caucho/HessianProxyFactoryBean.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/support/StringMultipartFileEditor.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/multipart/support/OkHttp3ClientHttpRequest.java
  * /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/multipart/support/OkHttp3ClientHttpResponse.java
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/context/ConfigurableWebEnvironment.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2.jar/org/springframework/web/client/ResourceAccessException.java
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 */

Found in path(s):
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/annotation/InitBinder.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/ServletRequestBindingException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/support/SimpleSessionStatus.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/remoting/httpinvoker/HttpInvokerClientConfiguration.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/http/client/AbstractClientHttpResponse.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/HttpSessionMutexListener.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/bind/annotation/ValueConstants.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/util/IntrospectorCleanupListener.java

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jar/org/springframework/web/filter/ RequestContextFilter.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/web/bind/annotation/RequestMethod.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/web/context/request/ RequestContextListener.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/http/HttpMessage.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/http/converter/HttpMessageConversionException.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
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jar/org/springframework/web/HttpMediaTypeException.java
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/converter/FormHttpMessageConverter.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/codec/multipart/MultipartHttpMessageReader.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/http/MediaType.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/server/reactive/ReactorServerHttpRequest.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/server/reactive/AbstractServerHttpResponse.java
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  jar/org/springframework/server/session/DefaultWebSessionManager.java
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  jar/org/springframework/server/session/DefaultPathContainer.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/web/server/MediaTypeNotSupportedStatusException.java
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  jar/org/springframework/web/server/reactive/ServletServerHttpResponse.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/web/server/MappingMediaTypeFileExtensionResolver.java
* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-
  jar/org/springframework/web/server/DefaultPathContainer.java
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* /opt/cola/permits/1136375269_1613752616.93/0/spring-web-5-2-6-release-sources-2-jar/org/springframework/web/context/support/ServletContextPropertySource.java
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  jar/org/springframework/web/bind/support/SessionStatus.java
1.672 libxml 2.9.1-6.el7_9.6

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

org.eclipse.jetty.toolchain:jetty-schemas

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* /opt/cola/permits/1135880368_1613624434.86/0/spring-jcl-5-2-7-release-sources-1-
jar/org/apache/commons/logging/LogAdapter.java

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   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
   intended for inclusion in X11 public releases. */

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*/opt/ws_local/PERMITS_SQL/1045445922_1591004900.63/0/joni-2-1-31-sources-
dar/org/joni/CaptureTreeNode.java
*/opt/ws_local/PERMITS_SQL/1045445922_1591004900.63/0/joni-2-1-31-sources-
dar/org/joni/BitStatus.java
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1.684 instrumentation-api 0.4.3

1.685 libcgi-pm-perl 4.09-1

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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
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```

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 2.1, February 1999

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DRuntime: Runtime Library for the D Programming Language

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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceUrlProvider.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/handler/AbstractUrlHandlerMapping.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/config/annotation/DelegatingWebMvcConfiguration.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/support/AbstractFlashMapManager.java
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 * A contract for inspecting and potentially modifying request data values such
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 *
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 * 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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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2.jar/org/springframework/web/servlet/view/xml/MarshallingView.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
<code>{ @link #locateSource detected } </code> during response rendering. Users can either specify a specific entry in the model via the <code>{ @link #setSourceKey sourceKey } </code> property or have Spring locate the Source object. This class also provides basic conversion of objects into Source implementations. See <code>{ @link #getSourceTypes() here } </code> for more details.

<p>All model parameters are passed to the XSLT Transformer as parameters. In addition the user can configure <code>{ @link #setOutputProperties output properties } </code> to be passed to the Transformer.

@author Rob Harrop
@since 2.0

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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/UrlFilenameViewController.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/MvcUriComponentsBuilder.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/config/annotation/ContentNegotiationConfigurer.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/function/DefaultServerRequest.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/resource/ResourceHttpRequestHandler.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/config/annotation/PathMatchConfigurer.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/config/annotation/ResponseStatusExceptionResolver.java
jar/org/springframework/web/servlet/resource/AppCacheManifestTransformer.java
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* /opt/cola/permits/1136375382_1613752614.37/0/spring-webmvc-5-2-6-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/ProducesRequestCondition.java
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1.697 gnutls 3.4.10-4ubuntu1.7

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```

1.698 functools32 3.2.3.post2

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Metadata-Version: 2.0
Name: functools32
Version: 3.2.3.post2
Summary: Backport of the functools module from Python 3.2.3 for use on 2.7 and PyPy.
Home-page: https://github.com/MiCHiLU/python-functools32
Author: ENDOH takanao
Author-email: djmchl@gmail.com
License: PSF license
Platform: UNKNOWN

This is a backport of the functools standard library module from Python 3.2.3 for use on Python 2.7 and PyPy. It includes new features `lru_cache` (Least-recently-used cache decorator).

Found in path(s):
* /opt/cola/permits/1119804716_1609795449.28/0/functools32-3-2-3-post2-dist-info-
1.699 asyncio 3.4.3

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* /opt/ws_local/PERMITS_SQL/1045445857_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To_UTF_16_Transcoder.java
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Kishimoto Kazuhiko &lt;kazu-k@#064hi-ho.ne.jp&gt; - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.

Lawrence Tan &lt;lwnrcntan@#064gmail.com&gt; - Large field OID sample test data. Missing key types in JDKKeyFactory.

Carlos Valiente &lt;superdupont@#064gmail.com&gt; - Addition of CRL writing to the PEMWriter class.

Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
Olaf Keller, &lt;olaf.keller.bc#064bluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.

Jörg Eichhorn &lt;teichhorn#064ponton-consulting.de&gt; - patch to fix EOF read on SharedFileStream, support for F2m compression.

Karsten Ohme &lt;widerstand#064t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Addtional curve type support for Fp. Contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.

Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.

Carlos Lozano Ruiz &lt;carlos#064tradise.com&gt; - patch for &lt;ctrl&gt;&amp;m&amp;gt; only handling in CRLFOutputStream.

John Alfred Prufrock &lt;j.a.prufrock#064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guihlen &lt;stneusatz#064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice &lt;marzio.logiudice#064gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold &lt;georg.lippold#064gmx.de&gt; - initial implementation of NaccacheStern cipher.

Chris Viles &lt;chris_viles#064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.

Pasi Eronen &lt;Pasi.Eronen#nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.


Maria Ivanova &lt;mariav#064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.

Armin H#auml;berling &lt;arminha#student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.

Marius Schröder &lt;mmschroder#064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vourch &lt;xavier#064britannysoftware.com&gt; - general code clean ups.

Erik Tews &lt;e_tews#064c.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding.

Thomas Dixon &lt;reikomusha#064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.

Frank Cornelis &lt;info#064frankcornelis.be&gt; - addition of crlAccessMethod in X509ObjectIdentifiers.

Rui Joaquim &lt;rjoaquim#064cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures.
David Stacey &lt;d.stacey@allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

Martijn Brinkers &lt;list@mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

Julius Davies &lt;juliusdavies@604gmail.com&gt; - additional modes and algorithm support in PEMReader.

Matthias &lt;gertner.de&gt; - GnuPG compatibility changes for PBEFileProcessor.

Olga K&amp;amp;uml;thler &lt;olga.k&amp;amp;uml;thler@604hj-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.

Germano Rizzo &lt;germano.rizzo@604gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

N&amp;uuml;ria Mar&amp;iacute; &lt;numaa@hotmail.com&gt; - patch for alternate data type recognition in CMSSignedDataParser.

Janis Schuller &lt;js@604tzi.de&gt; - addition of NotationData packets for OpenPGP.

Michael Samblanet &lt;mike@604samblanet.com&gt; - patches towards improved Sun/default provider support in CMS.

Mike StJohns &lt;mstjohns@604comcast.net&gt; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.

Ramon Keller &lt;ramon.keller@gmx.ch&gt; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

Mark Nelson &lt;mark@604nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov &lt;eugene_gff@604ukr.net&gt; - mask fix to single byte read in TlsInputStream.

Julien Pasquier &lt; julienpasquier@604free.fr &gt; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

Peter Knopp &lt;tpknopp@604ntg.de&gt; - fix for named curve recognition in ECGOST key generation.

Jakub Gwozdz &lt;gwozdz@604rpg.pl&gt; - addition of getTsa() to TimeStampTokenInfo.

Bartosz Malkowski &lt;bmalkow@604tigase.org&gt; - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.

Tal Yacobi &lt;tal.yacobi@octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55].

Massimiliano Ziccardi &lt;massimiliano.ziccardi@604gmail.com&gt; - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.

Andrey Pavlenko &lt;andrey.a.pavlenko@604gmail.com&gt; - security manager patch for PKCS1Encoding property check.

J Ross Nicoll &lt;jrn@jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson &lt;mavricknz@604yahoo.com&gt; - patch to construtor for CRMF CertSequence.

Gabriele Contini &lt;g.contini@604hotpop.com&gt; - identified a bug in ASN.1 library with handling of unterminated NDEF's.

Roelof Naude &lt;roelof.naude@604epiuse.com&gt; - patch for TLS client to send empty client certs in response to HP CERTIFICATE_REQUEST.

Patrick Peck &lt;peck@604signatureen.at&gt; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay &lt;lemaymd@604lemaymd.com&gt; - identified problem with EAX [#BJA-93].

Alex Dupre &lt;ale@604FreeBSD.org&gt; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102].
<li>Michael Schoene &lt;michael@064sigrid-und-michael.de&gt; - fix of improper handling of null in
ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in
TimeStampResponse.validate().</li>
<li>Jon Larrañutilde;de &lt;ilarra@064s21sec.com&gt; - fix to default partial packet generation in
BCPGOutputStream.</li>
<li>Bob Kerns &lt;bob.kerns@064positscience.com&gt; - fix to hashCode for X509CertificateObject.</li>
<li>Stefan Meyer &lt;stefan.meyer@064ewe.de&gt; - backport for PKIXCertPathValidator and
SMIMESignedMailReviewer.</li>
<li>Robert J. Moore &lt;Robert.J.Moore@064allanbank.com&gt; - speedups for OpenPGPCFB mode, clean room
JCE patches.</li>
<li>Rui Hodai &lt;rui@064po.ntts.co.jp&gt; - speed ups for Camellia implementation, CamelliaLightEngine.</li>
<li>Emir Bucalovic &lt;emir.bucalovic@064mail.com&gt; - initial implementation of Grain-v1 and Grain-128.</li>
<li>Torbjorn Svensson &lt;tobbe79@064gmail.com&gt; - initial implementation of Grain-v1 and Grain-128.</li>
<li>Paul FitzPatrick &lt;bouncycastle_pfitz@064fitzpatrick.cc&gt; - error message fix to X509LDAPCertStoreSpi,
comparison fix to BCStrictStyle.</li>
<li>Henrik Andersson &lt;k.henrik.andersson@064gmail.com&gt; - addition of UniqueIssuerID to certificate
generation.</li>
<li>Cagdas Cirit &lt;cagdascirit@064gmail.com&gt; - subjectAlternativeName fix for x509CertStoreSelector.</li>
<li>Harakiri &lt;harakiri_23@064yahoo.com&gt; - datahandler patch for attached parts in SMIME signatures.</li>
<li>Pedro Henriques &lt;pmahenriques@064gmail.com&gt; - explicit bounds checking for DESKeyGenerator, code
simplification for OAEPEncoding.</li>
<li>Lothar Kimmeringer &lt;job@064kimmeringer.de&gt; - verbose mode for ASN1Dump, support for
derEreXternal, DNS performance fix for S/MIME API.</li>
<li>Richard Farr &lt;rfarr.se@064gmail.com&gt; - initial SRP-6a implementation.</li>
<li>Thomas Castiglione &lt;castiglione@064au.ibm.com&gt; - patch to encoding for CRMF OptionalValidity.</li>
<li>Elisabetta Romani &lt;eromani@064sogei.it&gt; - patch for recognising multiple counter signatures.</li>
<li>Robin Lundgren &lt;r737lundgren@064gmail.com&gt; - CMPCertificate constructor from
X509CertificateStructure fix.</li>
<li>Petr Kadlec &lt;mormegil@064centrum.cz&gt; - fix to sign extension key and IV problem in HC-128, HC-
256.</li>
<li>Andreas Antener &lt;antener_a@064gmx.ch&gt; - fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
<li>Harendra Rawat &lt;hsrawat@064yahoo.com&gt; - fix for BERConstructedOctetString.</li>
<li>Rolf Lindemann &lt;rolf@064trustcenter.de&gt; - patch for PKCS12 key store to support more flexible
attribute specifications [#BMA-42].</li>
<li>Alex Artamonov &lt;alexart.home@064gmail.com&gt; - name look up patch for GOST-2001 parameters.</li>
<li>Mike Lyons &lt;mlyons@064layer7tech.com&gt; - work arounds for EC JDK bug 6738532 and JSSE EC
naming conventions.</li>
<li>Chris Cole &lt;chris_h_cole@064yahoo.com&gt; - identified a problem handling null passwords when loading a
BKS keystore.</li>
<li>Tomas Krivanek &lt;tom@064attac.cz&gt; - added checking of Sender header to SignedMailValidator.</li>
<li>Michael &lt;emfau@064t-online.de&gt; - correction of field error in getResponse method in
CertRepMessage.</li>
<li>Trevor Perrin &lt;trevor@064cryptography.com&gt; - addition of constant time equals to avoid possible timing
attacks.</li>
<li>Markus Kil\aring;gs &lt;markus@064primekey.se&gt; - several enhancements to
TimeStampResponseGenerator.</li>
<li>Dario Novakovic &lt;darionis@064yahoo.com&gt; - fix for NPE when checking revocation reason on CRL
without extensions.</li>
Michael Smith &lt;msmith@cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.

Andrea Zilio &lt;andrea.zilio@064gmail.com&gt; fix for PEM password encryption of private keys.

Alex Birkett &lt;alex@064birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant &lt;wayne@064gmail.com&gt; additional OIDs for PCKS10 and certificate generation support.

Frank Cornelis &lt;info@064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner &lt;jan@064dittberner.info&gt; addHeader patch for SMIME generator.

Bob McGowan &lt;boab.mcgowan@064bitinternet.com&gt; patch to support different object and mgf digests in PSS signing.

Ivo Matheis &lt;i.matheis@064seeburger.de&gt; fix to padding verification in ISO-9796-1.

Marco Sandrini &lt;nessa@064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.

Alf Malf &lt;alfmalfl@064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa &lt;alfonso massa@064insiel.it&gt; contributions to CMS time stamp classes.

Giacomo Boccardo &lt;gboccardo@064unimaticaspa.it&gt; initial work on CMSTimeStampedDataParser.

Arnis Tartu &lt;arnis@064ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.

Janusz Sikociski &lt;J.Sikocinski@gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.

Juri Hudolejev &lt;jhudolejev@064gmail.com&gt; JavaDoc fix to CMSSignedDataParser.

Liane Velten &lt;liane.velten@064hjp-consulting.com&gt; fine tuning of code for DHParameters validation.

Shawn Willden &lt;swillden@064google.com&gt; additional functionality to PGPKeyRing.

Atanas Krachev &lt;akrachev@064gmail.com&gt; added support for revocation signatures in OpenPGP.

Mickael Laiking &lt;mickael laiking@064keynectis.com&gt; initial cut of EAC classes.

Tim Buktu &lt;tbuktu@064hotmail.com&gt; Initial implementation of NTRU signing and encryption.

Bernd &lt;bernd@064gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morishak &lt;stein inge morishak@064BEKK.no&gt; Test code for lower case Hex data in PEM headers.

Andreas Schmid &lt;andreas.schmid@064tnqtech.com&gt; Additional expiry time check in PGPPublicKeys.

Phil Steitz &lt;phil.steitz@064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes.

Ignat Korchagin &lt;ignat.korchagin@064gmail.com&gt; Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.

Petr Petrov &lt;p.petrov@064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.

Daniel Fitzpatrick &lt;daniel.f.nwr@064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.

Andy Neilson &lt;Andy.Neilson@quest.com&gt; a further patches to deal with multiple providers and PEMReader.

Ted Shaw &lt;xiao.xj@064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.

Eleriseth &lt;Eleriseth@WPECGLYbVi8RI6Y7VzL2Lvd2EUVW99v3yNV3JWROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.
Kenny Root &lt;kenny@the-b.org&gt; patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for Aead.<li>
Maarten Bodewes &lt;maarten.bodewes@064gmail.com&gt;; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.<li>
Philip Clay &lt;pilf_b@064yahoo.com&gt;; Initial implementation of J-PAKE.<li>
Brian Carlstrom &lt;bdc@064carlstrom.com&gt;; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.<li>
Samuel Lid&eacute;n Borell &lt;samuel@primekey.se&gt;; patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder.<li>
Sergio Demian Lerner &lt;sergiolerner@certimix.com&gt;; pointing out isInfinity issue in ECDSASigner signature verification.<li>
Tim Whittington &lt;Tim.Whittington@064orionhealth.com&gt;; patch to remove extra init call in Cmac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code quality work.<li>
Marcus Lundblad &lt;marcus.lundblad@064primekey.se&gt;; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.<li>
Andrey Zhozhin &lt;zhozhin@064xrm.ru&gt;; patch for override of TSP SignerInfo attributes.<li>
Sergey Tiunov &lt;t5555d@gmail.com&gt;; initial cut of DVCS classes.<li>
Ash Hughes &lt;ashley.hughes@064blueyonder.co.uk&gt;; patches for supporting PGPPrivateKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().<li>
Daniel Hirscher &lt;dev@064daniel-hirscher.de&gt;; patch to support parsing of explicit EC parameters in PEM files.<li>
Daniele Ricci &lt;daniele.athome@064gmail.com&gt;; initial implementation of EC keys for OpenPGP and RFC6637 support.<li>
Matti Aarnio &lt;matti.aarnio@064mecethics.fi&gt;; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.<li>
Babak Najafi &lt;bnajafi@064akamai.com&gt;; fixes to OpenPGP NotationData to prevent truncation problems.<li>
Eric M&uuml;ller &lt;eric.mueller@064sage.de&gt;; additional standard algorithm name lookups in JcaPEMKeyConverter.<li>
Mathias Herberts &lt;Mathias.Herberts@064gmail.com&gt;; fix to inOff usage in RFC3394WrapEngine.<li>
Daniil Ivanov &lt;daniil.ivanov@064gmail.com&gt;; addition of provider support for GOST HMAC SecretKeyFactory.<li>
Daniele Grasso &lt;daniele.grasso86@064gmail.com&gt;; contributions to final Key calculation code for SRP6.<li>
Andrey Utkin &lt;cindrhc@064gmail.com&gt;; patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.
Arnis Tartu &lt;arnis@ut.ee&gt; checker for generated key vs OID in JceCMSContentEncryptorBuilder. 

AxelVDB &lt;axel-vdb@#064riseup.net&gt; initial implementation of Shacal2. 

Roberto Tyley &lt;gt;&gt; further work on completing gradle build. 

Waldemar Dick &lt;wdick@#064devmue.de&gt; code improvement in x500 ASN.1 package. 

Sid Steward &lt;sid.steward@#064pdflabs.com&gt; code improvements to ASN1Boolean. 

Alex Klyubin &lt;klyubin@#064google.com&gt; AlgorithmParameters check for EC key agreement. 

Jonathan Gillett &lt;gsoc.student@#064gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix. 

Andreas Reiter &lt;andreas.reiter@tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix. 

Kieran Miller &lt;kieran.miller@#064gmail.com&gt; initial implementation for RFC 5649 key wrap with padding. 

Oliver Ehli&lt;#064arago.de&gt; Additional support for BSI plain ECDSA in the provider. 

Daniel Heldt&lt;Daniel.Heldt@#064cryptovision.com&gt; Initial support for encodable state message digests 

Robert Bushman &lt;#064traxel.com&gt; Clean up of DirectKeySignature example. 

Maurice Aarts&lt;#064risecure.com&gt; updated to KDF generator to follow NIST SP 800-108. 

Franziskus Kiefer&lt;https://github.com/franziskuskiefer&gt; initial implementation of Cramer-Shoup. 

KB Sriram&lt;mail_kb@#064yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets. 

Marco Schulzle&lt;marco@#064nightlabs.de&gt; Reported verification bug in GenericSigner. 

Martin Schaeff&lt;https://github.com/martinschaeff&gt; contributed a code-cleanup patch. 

dstutz&lt;https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders. 

Tobias Wich&lt;#064ecssec.de&gt; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly. 

Hauke Mehrtens&lt;hauke@#064hauke-m.de&gt; TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251. 

Daniel Zimmerman&lt;dmz@galois.com&gt; Further key quality improvements to RSAKeyPairGenerator. 

Jens Kapitza&lt;j.kapitza@schwarze-allianz.de&gt; Iterable support in OpenPGP API, code cleanup in OpenPGP API. 

Johan Eklund&lt;johan@#064primekey.se&gt; update to RFC 6960 for OCSPObjectIdentifiers. 

nikosn&lt;https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length. 

Axel von dem Bruch &lt;axel-vdb@#064riseup.net&gt; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest. 

Derek Atkins &lt;derek@#064Ihtfp.com&gt; Documentation fixes to X9ObjectIdentifiers. 

Peter Jr Halicky &lt;peto@#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator. 

lartiguePierre&lt;https://github.com/lartiguePierre&gt; Fix for counter signature SID in CMSSignedData. 

Thomas Belot&lt;thomas.belot+BC@#064gmail.com&gt; initial CertPathLoopTest for demonstrating stack overflow issue. 

Rich DiCroce&lt;https://github.com/rdcroce&gt; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage. 

Bj&ouml;rnl Kautler&lt;https://github.com/Vampire&gt; Refinedments to cert path validation (authority key addition, certificate order preservation).
Dominik Schürmann &lt;https://github.com/dschuermann&gt; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.</li>

Michael &lt;https://github.com/MSKnete&gt; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformation.</li>

Tobias Wagner &lt;https://github.com/tobias.wagner#064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [BJA-536].</li>

Sergio Giro &lt;https://github.com/sgiro#064google.com&gt; Fixed adding of additional stores from CRL distribution point [BJA-537], fixed missing null check for CRL certificate issuer [BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>

bschuette &lt;https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMS SignedDataParser.</li>

Leonard Dallot &lt;https://github.com/dallotTazTag&gt; Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>

Jan Willem Janssen &lt;j.w.janssen@bouncycastle#064xtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.</li>

Sebastian Oerding &lt;https://github.com/dallotTazTag&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [BJA-535].</li>

Sergio Giro &lt;https://github.com/sgiro#064google.com&gt; Fixed bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.</li>

Tobias Wagner &lt;https://github.com/tobias.wagner#064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [BJA-536].</li>

Jan Willem Janssen &lt;j.w.janssen@bouncycastle#064xtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.</li>

Sergio Giro &lt;https://github.com/sgiro#064google.com&gt; Fixed adding of additional stores from CRL distribution point [BJA-537], fixed missing null check for CRL certificate issuer [BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>

bschuette &lt;https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMS SignedDataParser.</li>

Leonard Dallot &lt;https://github.com/dallotTazTag&gt; Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>

Jan Willem Janssen &lt;j.w.janssen@bouncycastle#064xtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.</li>

Sebastian Oerding &lt;https://github.com/dallotTazTag&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [BJA-535].</li>

Sergio Giro &lt;https://github.com/sgiro#064google.com&gt; Fixed bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.</li>

Tobias Wagner &lt;https://github.com/tobias.wagner#064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [BJA-536].
<li>Na Yu &lt;na.yu@samsung.com&gt; Constructor patches to CMC PKIData.</li>
<li>Evangelos Karatsiolis &lt;ekaratsiolis@#064mtg.de&gt; Corrected use of explicit tagging in X.509
PolicyConstraints class.</li>
<li>VivleSoren &lt;https://github.com/VivleSoren&gt; additional constructor for
McElieceCCA2PrivateKeyParameters.</li>
<li>mtausig &lt;https://github.com/mtausig&gt; JavaDoc fix for MCSEncryptedDataGenerator.</li>
<li>Anders Schack-Mulligen &lt;https://github.com/aschackmull&gt; code cleanups for CMSSignedDataParser,
BrokenKDF2BytesGenerator.</li>
<li>Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@#064stud.tu-darmstadt.de&gt; Initial XMSS/XMSSMT
implementation.</li>
<li>didisoft &lt;https://github.com/didisoft&gt; test code for PGP signature removal involving user ids.</li>
<li>Mike Safonov &lt;https://github.com/MikeSafonov&gt; initial implementation of GOST3410-2012 for light
weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015,
addition of fromExtensions() for CRLDistPoint.</li>
<li>Artem Storozhuk &lt;storojs72@google.com&gt; initial implementation of DSTU7564 (digest) and
DSTU7624 (cipher) and their associated modes.</li>
<li>Andreas Glaser &lt;andreas.glaser@#064gi-de.com&gt; patch to recognise ANSSI curves for PKCS#10
requests.</li>
<li>codeborne &lt;https://github.com/cbxp&gt; patch to correct OIDs used in public key digest parameters for
ECGOST-2012.</li>
<li>FauxFaux &lt;https://github.com/FauxFaux&gt; patch for JDK 1.9 update to DRBG.java.</li>
<li>4garbage &lt;https://github.com/4garbage&gt; patch to allow GOST3410-94 private keys encoded as
integers.</li>
<li>ekszz &lt;https://github.com/ekszz&gt; corrections to SM2 signer to include default identity value.</li>
<li>jminer &lt;https://github.com/jminer&gt; fix for Blake2b for hashes in range of 2**64-127 to 2**64.</li>
<li>str4d &lt;https://github.com/str4d&gt; initial implementation of Blake2s</li>
<li>Scott Woodward &lt;scott@#064bit3consulting.com&gt; performance fixes for CTRSP800DRBG.</li>
<li>David Strawn &lt;https://github.com/isomarcte&gt; fix for off by one error in SCRYPT bounds checking.</li>
<li>chris mccown &lt;0xchrismccown@gmail.com&gt; identification of serialisation issue with
XMSS/XMSSMT private keys (see also CVE-2018-1000613).</li>
<li>ZZMarquis &lt;https://github.com/ZZMarquis&gt; offset patches for SM2 encryption and decryption,
improvement to Array constant time comparison.</li>
<li>Andreas Kretschmer &lt;https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion()</li>
<li>Armin Lunkeit, Michael Tautenhahn &lt;&gt; identification of M-R test issue on higher certainty values in RSA
key pair generation.</li>
<li>Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP
secret key encryption.</li>
<li>Adam Vartanian &lt;https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in
Cipher.doFinal().</li>
<li>Bernd &lt;https://github.com/becki&gt; Fix to make PGPUtility.pipeFileContents use buffer and not leak file
handle.</li>
<li> SSA &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German
BSI TR-03111.</li>
<li>Paul Schaub &lt;https://github.com/vanitasvitaet&gt; bringing PGPSecretKey.getUserIds() into line with
PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP
key ring generation.</li>
<li>Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC
curves.
<li>catbref &lt;https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).</li>
<li>gerlion &lt;https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.</li>
<li>fgrieu &lt;fgrieu#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.</li>
<li>MTG &lt;https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.</li>
<li>Andreas Gadermaier &lt;up.gadermaier#064gmail.com&gt; initial version of Argon2 PBKDF algorithm.</li>
<li>Tony Washer &lt;tony.washer@yaho.co.uk&gt; review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.</li>
<li>Vincent Bouckaert &lt;https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.</li>
<li>Tony Washer &lt;https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.</li>
<li>Aurimas Liutikas &lt;https://github.com/liutikas&gt; JavaDoc patches to ReasonsMask.</li>
<li>Gabriel Sroka &lt;https://github.com/gabrielsroka&gt; corrected comments in RSA validation.</li>
<li>sarah-mdv &lt;https://github.com/sarah-mdv&gt; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.</li>
<li>Jesse Feinman &lt;https://github.com/jessefeinman&gt; performance optimisation in RSAKeyParameters.</li>
<li>Gilis95 &lt;https://github.com/Gilis95&gt; improved JSSE compatibility for setEnabledCipherSuites.</li>
<li>Haemin Yoo &lt;https://github.com/yoohaemin&gt; Javadoc fixes.</li>
<li>Antoine Toulme &lt;https://github.com/atoulme&gt; Initial implementation of EthereumISEEngine.</li>
<li>Golden Looly &lt;https://github.com/looly&gt; Patch for addition of C1C3C2 mode to SM2Engine.</li>
<li>Moses Palmacleature, TrueSec &lt;Henrik.Palmer#064truesec.se&gt; Additional improvements to constant time comparisons.</li>
<li>Renate Korthaus &lt;https://github.com/renetakorthaus&gt; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.</li>
<li>THausherr &lt;https://github.com/THausherr&gt; Addition generic support for CMS/TSP functions.</li>
<li>Gaylor Bosson &lt;https://github.com/Gilthoniel&gt; Initial implementation of Blake2xs.</li>
<li>im-scooter &lt;https://github.com/im-scooter&gt; Patch for unprotected PGP private keys as SExpr.</li>
<li>Nick hitchan &lt;https://github.com/hitchan&gt; Fix for typo in engineInitSign() in EdEc SignatureSpi.</li>
<li>dbusche &lt;https://github.com/dbusche&gt; Argon2 optimisations.</li>
<li>Daniel Heldt &lt;https://github.com/dheldt&gt; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in JceKeyAgreeRecipient.</li>
<li>Ugochukwu Mmaduweke &lt;https://github.com/Xor-el&gt; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.</li>
<li>Gsealy &lt;https://github.com/Gsealy&gt; addition of PBKDF2withHmacSM3 to the provider.</li>
<li>aphuang2013 &lt;https://github.com/aphuang2013&gt; update to path validation in EST service for ClearPath EST.</li>
<li>Kevin Herron &lt;https://github.com/kevinherron&gt; Initial ChaCha20Poly1305 prototype.</li>
<li>vkreml &lt;https://github.com/svkreml&gt; GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.</li>
<li>Tobias Ospelt &lt;https://github.com/604pentagrid.ch&gt; Identification of 1.63 regression in ASN.1 parsing.</li>
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/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/PluginRegistrySupport.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/OrderAwarePluginRegistry.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/PluginListDefinitionParser.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/PluginNamespaceHandler.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/PluginRegistry.java

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/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/OrderAwarePluginRegistry.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/PluginListDefinitionParser.java
/.../0/spring-plugin-core-1-2-0-release-sources-6.jar/org/springframework/plugin/core/config/PluginNamespaceHandler.java
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Format-Specification: http://wiki.debian.org/Proposals/CopyrightFormat
Upstream-Author: Clint Adams <schizo@debian.org>
Packaged-By: Clint Adams <schizo@debian.org>
Packaged-Date: Thu Jun 12 22:45:27 UTC 2008
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**1.729 curl 7.29.0-59.el7**

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1.730 ncurses 6.0+20160213-1ubuntu1

1.730.1 Available under license:

Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Upstream source http://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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jar/com/google/common/cache/Striped64.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/AbstractMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/BinaryTreeTraverser.java

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  jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ForwardingTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/cache/CacheException.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/Platform.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/reflect/TypeResolver.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/base/Splitter.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/EmptyImmutableSetMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ImmutableSetMultimap.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/SingletonImmutableList.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/SingletonImmutableTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ImmutableSortedMapFauxverideShim.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/DiscreteDomain.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ForwardingListenableFuture.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/ArrayBasedCharEscaper.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5.jar/com/google/common/collection/RegularImmutableList.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/Uninterruptibles.java
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  jar/com/google/common/collection/RangeSet.java
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  jar/com/google/common/collection/Count.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/ParseRequest.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/GeneralRange.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/primitives/UnsignedLongs.java
jar/com/google/common/collection/ImmutableMultimap.java
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jar/com/google/common/collection/GenericMapMaker.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/AbstractTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/base/Utf8.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ForwardingSortedSetMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ForwardingListMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/RowSortedTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/AbstractSequentialIterator.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/SortedMapDifference.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/ForwardingSetMultimap.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collect/EmptyImmutableSortedMultiset.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
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jar/com/google/common/hash/HashingOutputStream.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
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jar/com/google/common/collect/DenseImmutableTable.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
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jar/com/google/common/collect/Cut.java
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jar/com/google/common/collect/SparseImmutableTable.java
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jar/com/google/common/collect/RegularImmutableTable.java

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### MPL v2.0
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1.743 nss-util 3.53.1-1.el7_9

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1.746 netbase 5.6

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* /opt/cola/permits/1243282898_1639617254.65/0/jnr-ffi-2-2-8-sources-jar/jnr/ffi/Memory.java
* /opt/cola/permits/1243282898_1639617254.65/0/jnr-ffi-2-2-8-sources-jar/jnr/ffi/Type.java
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* /opt/cola/permits/1243282898_1639617254.65/0/jnr-ffi-2-2-8-sources-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java
* /opt/cola/permits/1243282898_1639617254.65/0/jnr-ffi-2-2-8-sources-jar/jnr/ffi/annotations/SaveError.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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## 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. Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel
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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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analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
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1.764 insserv 1.14.0 5ubuntu3

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  http://www.lua.org/
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  http://www.csie.ntu.edu.tw/~cjlin/liblinear/
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On Windows only, Nmap uses:
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Zenmap and Ndiff require:
- Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either py2exe or py2app.
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The Basic Library Functions

Written by: Philip Hazel
Email local part: ph10
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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.

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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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.

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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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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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[This is the first released version of the library GPL. It is
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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.

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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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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
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4. You may copy and distribute the Library (or a portion or
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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.)

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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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.

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1.770 netty-resolver-dns 4.1.50.Final

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* /opt/cola/permits/1101472102_1603232401.08/0/netty-resolver-dns-4-1-50-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java

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# here. Please keep the list sorted by first names.

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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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"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

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#*STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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

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

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

Field and method annotations

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

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

<p>The <code>@GuardedBy(lock)</code> annotation documents that a field or method should be accessed only with a specific lock held.
</p>

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/* gnu.classpath.tools.taglets.CopyrightTaglet
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package gnu.classpath.tools.taglets;

import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.tools.doclets.Tag;

/**
 * A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

    private static final String NAME = "copyright";
    private static final String HEADER = "Copyright:";

    public String getName() {
        return NAME;
    }
}
public boolean inField() {
    return true;
}

public boolean inConstructor() {
    return true;
}

public boolean inMethod() {
    return true;
}

public boolean inOverview() {
    return true;
}

public boolean inPackage() {
    return true;
}

public boolean inType() {
    return true;
}

public boolean isInlineTag() {
    return false;
}

public static void register(Map tagletMap) {
    CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
    tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}

public String toString(Tag tag) {
    return toString(new Tag[] { tag });
}

public String toString(Tag[] tags) {
    if (tags.length == 0) {
        return null;
    } else {
        boolean haveValidTag = false;
        for (int i = 0; i < tags.length && !haveValidTag; ++i) {
            if (tags[i].text().length() > 0) {
                haveValidTag = true;
            }
        }
    }
}
if (haveValidTag) {
    StringBuffer result = new StringBuffer();
    result.append("<dl>");
    for (int i = 0; i < tags.length; i++) {
        if (tags[i].text().length() > 0) {
            result.append("<dt><i>Copyright © " + tags[i].text() + "</i></dt>");
        }
    }
    result.append("</dl>");
    return result.toString();
} else {
    return null;
}
}

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Ty Coon, President of Vice

That's all there is to it!

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
#define __java_security_Permission__
#define __java_security_Permission__
#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
    namespace security
    {
        class Permission;
        class PermissionCollection;
    }
}

class java::security::Permission : public ::java::lang::Object
{
public:
    Permission(::java::lang::String *);
    virtual void checkGuard<::java::lang::Object *);
    virtual jboolean implies(::java::security::Permission *) = 0;
    virtual jint hashCode() = 0;
    virtual ::java::lang::String * getName();
    virtual ::java::lang::String * getActions() = 0;
    virtual ::java::security::PermissionCollection * newPermissionCollection();
    virtual ::java::lang::String * toString();
private:
    static const jlong serialVersionUID = -563657022231596674LL;
    ::java::lang::String *__attribute__((aligned(__alignof__(::java::lang::Object)))) name;
public:
    static ::java::lang::Class class$;
};

#endif // __java_security_Permission__

@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
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@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION

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/* Permission.java -- The superclass for all permission objects

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exception statement from your version. */

package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no

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* actions associated with them. That is, you either have the permission
* or you don't.
*
* <p>The most important method in this class is <code>implies</code>. This
* checks whether if one has this permission, then the specified
* permission is also implied. As a conceptual example, consider the
* permissions "Read All Files" and "Read File foo". The permission
* "Read All Files" implies that the caller has permission to read the
* file foo.
*
* <p><code>Permission</code>'s must be immutable - do not change their
* state after creation.
*
* @author Aaron M. Renn (arenn@urbanophile.com)
* @see Permissions
* @see PermissionCollection
* @since 1.1
* @status updated to 1.4
*/

class Permission implements Guard, Serializable
{

    /*
    * This is the name assigned to this permission object.
    *
    * @serial the name of the permission
    */
    private String name;

    /*
    * Create an instance with the specified name.
    *
    * @param name the permission name
    */
    public Permission(String name)
    {
        this.name = name;
    }

    /*
    * This method implements the <code>Guard</code> interface for this class.
    * It calls the <code>checkPermission</code> method in
    * <code>SecurityManager</code> with this <code>Permission</code> as its
    * argument. This method returns silently if the security check succeeds
    */
* or throws an exception if it fails.
* 
* @param obj the <code>Object</code> being guarded - ignored by this class
* @throws SecurityException if the security check fails
* @see GuardedObject
* @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj) {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 *
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 *
 * @param obj the object to compare to
 * @return true if obj equals this
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode()</code>: it must be
 * the same for all objects that equals considers to be the same.
 *
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 *
 * @return the name
 */
public final String getName() {
    return name;
}
/**
* This method returns the list of actions for this <code>Permission</code>
* as a <code>String</code>. The string should be in canonical order, for
* example, both <code>new FilePermission(f, "write,read")</code> and
* <code>new FilePermission(f, "read,write")</code> have the action list
* "read,write".
* 
* @return the action list for this <code>Permission</code>
*/
public abstract String getActions();

/**
* This method returns an empty <code>PermissionCollection</code> object
* that can store permissions of this type, or <code>null</code> if no
* such collection is defined. Subclasses must override this to provide
* an appropriate collection when one is needed to accurately calculate
* <code>implies</code>.
* 
* @return a new <code>PermissionCollection</code>
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
* This method returns a <code>String</code> representation of this
* <code>Permission</code> object. This is in the format:
* <code>'(' + getClass().getName() + ' ' + getName() + ' ' + getActions
* + ')'</code>.
* 
* @return this object as a <code>String</code>
*/
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');  // Assuming a space was intended here
    string = string.append(getName());
    string = string.append(' ');  // Assuming a space was intended here
    string = string.append(getActions());

    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }
    
    return string.toString();
}
string = string.append(')');
return string.toString();
}
} // class Permission

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it with the complete corresponding machine-readable source code, which
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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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However, linking a "work that uses the Library" with the Library
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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.

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interface-compatible with the version that the work was made with.

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That's all there is to it!

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Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
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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.

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

That's all there is to it!

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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GCC Runtime Library Exception

Version 3.1, 31 March 2009

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The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine bytecode, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

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# Copyright (C) 2013-2016 Free Software Foundation, Inc.
#
# This script 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; either version 3, or (at your option)
# any later version.
#
# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
# Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
while most tests in other directories are just things that failed at some point in the past.

# Pass --this-year to the script if you want it to add the current year to all applicable notices. Pass --quilt if you are using quilt and want files to be added to the quilt before being changed.

# By default the script will update all directories for which the output has been vetted. You can instead pass the names of individual directories, including those that haven't been approved. So:

# update-copyright.pl --this-year

# is the command that would be used at the beginning of a year to update all copyright notices (and possibly at other times to check whether new files have been added with old years). On the other hand:

# update-copyright.pl --this-year libjava

# would run the script on just libjava/.

# Note that things like --version output strings must be updated before this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__ (self):
        self.num_errors = 0

def report (self, filename, string):
    if filename:
        string = filename + ': ' + string
    sys.stderr.write (string + '
')
    self.num_errors += 1

def ok (self):
    return self.num_errors == 0

class GenericFilter:
    def __init__ (self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
self.fossilised_files = set()
self.own_files = set()

self.skip_files |= set([
    # Skip licence files.
    'COPYING',
    'COPYING.LIB',
    'COPYING3',
    'COPYING3.LIB',
    'LICENSE',
    'fdl.texi',
    'gpl_v3.texi',
    'fdl-1.3.xml',
    'gpl-3.0.xml',

    # Skip auto- and libtool-related files
    'aclocal.m4',
    'compile',
    'config.guess',
    'config.sub',
    'depcomp',
    'install-sh',
    'libtool.m4',
    'ltmain.sh',
    'ltoptions.m4',
    'ltversion.m4',
    'lt~obsolete.m4',
    'missing',
    'mkdep',
    'mkinstalldirs',
    'move-if-change',
    'shlibpath.m4',
    'symlink-tree',
    'ylwrap',

    # Skip FSF mission statement, etc.
    'gnu.texi',
    'funding.texi',
    'appendix_free.xml',

    # Skip imported texinfo files.
    'texinfo.tex',
])

def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
# Ignore references to copyright in changelog entries.
return re.compile ('\t')

return None

def skip_file (self, dir, filename):
    if filename in self.skip_files:
        return True

    (base, extension) = os.path.splitext (os.path.join (dir, filename))
    if extension in self.skip_extensions:
        return True

    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists (base + '.am'):
            return True

        # Skip files produced by autogen
        if (os.path.exists (base + '.def')
            and os.path.exists (base + '.tpl')):
            return True

        # Skip configure files produced by autoconf
        if filename == 'configure':
            if os.path.exists (base + '.ac'):
                return True
            if os.path.exists (base + '.in'):
                return True

    return False

def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True

    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):

self.errors = errors

# Characters in a range of years. Include '.' for typos.
ranges = '[0-9][\?[-0-9,.,\s][s+and]+[0-9]]'

# Non-whitespace characters in a copyright holder's name.
name = '\[\w.,-]'

# Matches one year.
self.year_re = re.compile('[0-9]+')

# Matches part of a year or copyright holder.
self.continuation_re = re.compile(ranges + '|' + name)

# Matches a full copyright notice:
self.copyright_re = re.compile (  
    # 1: 'Copyright (C)', etc.
    '([Cc]opyright'  
    '|[Cc]opyright\s+\{[Cc]\})'  
    '|[Cc]opyright\s+%s'  
    '|[Cc]opyright\s+&copy;'  
    '|[Cc]opyright\s+@copyright\{ }'  
    '|copyright = u\''  
    '@set\s+copyright[\w-]+\)'  
    # 2: the years. Include the whitespace in the year, so that
    # we can remove any excess.
    '\s*(?:' + ranges + ',?  
    '|@value\{[^{}]*\})\s*)'  
    # 3: 'by ', if used
    '(by\s+)?'  
    # 4: the copyright holder. Don't allow multiple consecutive
    # spaces, so that right-margin gloss doesn't get caught
    # (e.g. gnat_ugn.texi).
    '(?\s?\+ name + (?\s?\+ name + )\*)?'  
    # A regexp for notices that might have slipped by. Just matching
    # 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
    # HTML header markers, so check for 'copyright' and two digits.
    self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',
      re.IGNORECASE)
    self.comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')  
    self.holders = { '@copying': '@copying' }  
    self.holder_prefixes = set()

    # True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ',', '.
self.separator = '

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        canon_form = holder
    self.holders[holder] = canon_form
    index = holder.find (',')
    while index >= 0:
        self.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    self.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

def parse_year (self, string):
    year = int (string)
    if len (string) == 2:
        if year > 70:
            return year + 1900
        elif len (string) == 4:
            return year
    raise self.BadYear (string)

def year_range (self, years):
    year_list = [self.parse_year (year)
                 for year in self.year_re.findall (years)]
    assert len (year_list) > 0
    return (min (year_list), max (year_list))

def set_use_quilt (self, use_quilt):
    self.use_quilt = use_quilt

def include_year (self, year):
    assert not self.max_year
    self.max_year = year
def canonicalise_years (self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith ('@value'):
        return years

    (min_year, max_year) = self.year_range (years)

    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file (dir, filename):
        max_year = max (max_year, self.max_year)

    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation (self, line):
    line = line.lstrip()
    match = self.comment_re.match (line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete (self, match):
    holder = match.group (4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright (self, dir, filename, filter, file, line, match):
    orig_line = line
    next_line = None
    pathname = os.path.join (dir, filename)

    intro = match.group (1)
    if intro.startswith ('@set'):
        # Texinfo year variables should always be on one line
        after_years = line[match.end (2):].strip()
        if after_years != ':
            self.errors.report (pathname,
                'trailing characters in @set: '
                + after_years)
            return (False, orig_line, next_line)
        else:
            # If it looks like the copyright is incomplete, add the next line.
            while not self.is_complete (match):
try:
    next_line = file.next()
except StopIteration:
    break

# If the next line doesn't look like a proper continuation,
# assume that what we've got is complete.
continuation = self.strip_continuation(next_line)
if not self.continuation_re.match(continuation):
    break

# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None

# Rematch with the longer line, at the original position.
match = self.copyright_re.match(line, match.start())
assert match

holder = match.group(4)

# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author(dir, filename):
    assert holder not in self.holders

elif not holder:
    self.errors.report(pathname, 'missing copyright holder')
    return (False, orig_line, next_line)

elif holder not in self.holders:
    self.errors.report(pathname, 'unrecognised copyright holder: ' + holder)
    return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start(4)]
            + canon_form
            + line[match.end(4):])

    # Remove any 'by'
line = line[:match.start (3)] + line[match.end (3):]

# Update the copyright years.
years = match.group (2).strip()
try:
    canon_form = self.canonicalise_years (dir, filename, filter, years)
except self.BadYear as e:
    self.errors.report (pathname, str (e))
    return (False, orig_line, next_line)

line = (line[:match.start (2)]
         + ('' if intro.startswith ('copyright = ') else ' ')
         + canon_form + self.separator
         + line[match.end (2):])

# Use the standard (C) form.
if intro.endswith ('right'):
    intro += ' (C)'
elif intro.endswith ('(c)'):
    intro = intro[:-3] + '(C)'
line = line[:match.start (1)] + intro + line[match.end (1):]

# Strip trailing whitespace
line = line.rstrip() + '
'

return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
            os.remove (pathname)
        except OSError:
            pass
        return

    lines = []
    changed = False
    line_filter = filter.get_line_filter (dir, filename)
    with open (pathname, 'r') as file:
        prev = None
        for line in file:
            while line:
                next_line = None
                # Leave filtered-out lines alone.
                if not (line_filter and line_filter.match (line)):
                    match = self.copyright_re.search (line)
if match:
    res = self.update_copyright (dir, filename, filter,
    file, line, match)
    (this_changed, line, next_line) = res
    changed = changed or this_changed

    # Check for copyright lines that might have slipped by.
    elif self.other_copyright_re.search (line):
        self.errors.report (pathname,
            'unrecognised copyright: %s'
            % line.strip())
        lines.append (line)
        line = next_line

    # If something changed, write the new file out.
if changed and self.errors.ok():
    tmp_pathname = pathname + '.tmp'
    with open (tmp_pathname, 'w') as file:
        for line in lines:
            file.write (line)
        if self.use_quilt:
            subprocess.call (['quilt', 'add', pathname])
        os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
    for filename in filenames:
        if filter.skip_file (dir, filename):
            sys.stdout.write ('Skipping %s
' % os.path.join (dir, filename))
        else:
            self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []
def add_option (self, name, help, handler):
    self.option_help.append ((name, help))
    self.option_handlers[name] = handler

def add_dir (self, dir, filter = GenericFilter()):
    self.dirs.append ((dir, filter))

def o_help (self, option = None):
    sys.stdout.write ('Usage: %s [options] dir1 dir2...

    Options:
' % sys.argv[0])
    format = ' %-15s %s
'
    for (what, help) in self.option_help:
        sys.stdout.write (format % (what, help))
    sys.stdout.write ('Directories:
')
    format = ' %-25s
'
    i = 0
    for (dir, filter) in self.dirs:
        i += 1
        if i % 3 == 0 or i == len (self.dirs):
            sys.stdout.write (dir + '
')
        else:
            sys.stdout.write (format % dir)
    sys.exit (0)

def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
    if self.errors.ok():
        if len (self.chosen_dirs) == 0:
self.chosen_dirs = self.default_dirs
if len(self.chosen_dirs) == 0:
    self.o_help()
else:
    for chosen_dir in self.chosen_dirs:
        canon_dir = os.path.join(chosen_dir, '')
        count = 0
        for (dir, filter) in self.dirs:
            if (dir + os.sep).startswith(canon_dir):
                count += 1
                self.copyright.process_tree(dir, filter)
        if count == 0:
            self.errors.report(None, 'unrecognised directory: ' + chosen_dir)
        sys.exit(0 if self.errors.ok() else 1)

#-------------------------------------

class TopLevelFilter(GenericFilter):
    def skip_dir(self, dir, subdir):
        return True

class ConfigFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)
    def skip_file(self, dir, filename):
        if filename.endswith('.m4'):
            pathname = os.path.join(dir, filename)
            with open(pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find('gettext-') >= 0:
                    return True
        return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)
        self.skip_files |= set(['math-68881.h',
            # Not part of GCC
            'math-68881.h',
        ])
        self.skip_dirs |= set([['ada',
            # Better not create a merge nightmare for the GNAT folks.
        ])}
# Handled separately.
'testsuite',
])

self.skip_extensions |= set([
    # Maintained by the translation project.
    '.po',

    # Automatically-generated.
    '.pot',
])

self.fossilised_files |= set(
    # Old news won't be updated.
    'ONEWS',
)

class TestsuiteFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set([
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
            '.java',
        ])

    def skip_file(self, dir, filename):
        # g++.niklas/README contains historical copyright information
        # and isn't updated.
        if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
            return True
        return GenericFilter.skip_file(self, dir, filename)

class LibCppFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set([
            # Maintained by the translation project.
        ])

def skip_file(self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn't updated.
    if filename == 'README' and os.path.basename(dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file(self, dir, filename)
class LibGCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(
            '# Imported from GLIBC.
            "soft-fp",
            )

class LibJavaFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_dirs |= set(
            '# Handled separately.
            "testsuite",

            # Not really part of the library
            "contrib",

            # Imported from upstream
            "classpath",
            "libltdl",
            )

    def get_line_filter(self, dir, filename):
        if filename == 'NameDecoder.h':
            return re.compile(r'.*NAME_COPYRIGHT')
        if filename == 'ICC_Profile.h':
            return re.compile(r'.*icSigCopyrightTag')
        return GenericFilter.get_line_filter(self, dir, filename)

    class LibMudflapFilter(GenericFilter):
        def __init__(self):
            GenericFilter.__init__(self)

            self.skip_dirs |= set(
                '# Handled separately.
                "testsuite",
                )

        class LibStdCxxFilter(GenericFilter):
def __init__(self):
    GenericFilter.__init__(self)

    self.skip_files |= set([
        # Contains no copyright of its own, but quotes the GPL.
        'intro.xml',
    ])

    self.skip_dirs |= set([
        # Contains automatically-generated sources.
        'html',

        # The testsuite data files shouldn't be changed.
        'data',

        # Contains imported images
        'images',
    ])

    self.own_files |= set([
        # Contains markup around the copyright owner.
        'spine.xml',
    ])

def get_line_filter(self, dir, filename):
    if filename == 'boost_concept_check.h':
        return re.compile('// (C) Copyright Jeremy Siek')
    return GenericFilter.get_line_filter(self, dir, filename)

class GCCCopyright(Copyright):
    def __init__(self, errors):
        Copyright.__init__(self, errors)

        canon_fsf = 'Free Software Foundation, Inc.'
        self.add_package_author('Free Software Foundation', canon_fsf)
        self.add_package_author('Free Software Foundation.', canon_fsf)
        self.add_package_author('Free Software Foundation Inc.', canon_fsf)
        self.add_package_author('Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('The Free Software Foundation', canon_fsf)
        self.add_package_author('The Free Software Foundation, Inc.', canon_fsf)
        self.add_package_author('Software Foundation, Inc.', canon_fsf)

        self.add_external_author('ARM')
        self.add_external_author('AdaCore')
        self.add_external_author('Ami Tavory and Vladimir Dreizin, IBM-HRL.')
        self.add_external_author('Cavium Networks.')
        self.add_external_author('Faraday Technology Corp.')
class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
        self.add_dir (os.path.join ('gcc', 'testsuite'), TestsuiteFilter())
        self.add_dir ('gnattools')
        self.add_dir ('include')
        self.add_dir ('libada')
        self.add_dir ('libatomic')
        self.add_dir ('libbacktrace')
        self.add_dir ('libcpp', LibCppFilter())
        self.add_dir ('libdecnumber')
        # libffi is imported from upstream.
        self.add_dir ('libgcc', LibGCCFilter())
        self.add_dir ('libgfortran')
        self.add_dir ('libgomp')
        self.add_dir ('libiberty')
        self.add_dir ('libitm')
        self.add_dir ('libjava', LibJavaFilter())
self.add_dir (os.path.join ('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir ('libmudflap', LibMudflapFilter())
self.add_dir (os.path.join ('libmudflap', 'testsuite'), TestsuiteFilter())
self.add_dir ('libobjc')
self.add_dir ('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir ('libssp')
self.add_dir ('libstdc++-v3', LibStdCxxFilter())
self.add_dir ('libvtv')
self.add_dir ('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()
1f+gnu/classpath/tools/taglets/CopyrightTagletjava/lang/Objectcom/sun/tools/doclets/TagletNAMELjava/lang/String;
ConstantValuecopyrightHEADER
Copyright:<init>()VCode
LineNumberTableLocalVariableTablethis-
Lgnu/classpath/tools/taglets/CopyrightTaglet;getName()Ljava/lang/String;inField()Z
inConstructorinMethod
inOverviewinPackageinTypeisInlineTagregister(Ljava/util/Map;)V

&(*)
java/util/Map+.,put8(Ljava/lang/Object;Ljava/lang/Object;Ljava/lang/Object;
tagletMapjava/util/Map;copyrightTagletToString()(Lcom/sun/javadoc/Tag;)Ljava/lang/String;inField()Z
inConstructorinMethod
inOverviewinPackageinTypeisInlineTagregister(Ljava/util/Map;)V

506*([Lcom/sun/javadoc/Tag;]Ljava/lang/String;tagLcom/sun/javadoc/Tag;2:;text
=?>java/lang/String@Alength()ICjava/lang/StringBuffer
BF&lt;dt&gt;
BHIIappend,(Ljava/lang/String;Ljava/lang/StringBuffer;Ljava/lang/StringBuilderN&lt;dt&gt;&lt;i&gt;Copyright &amp;#169;
KPQ(Ljava/lang/String;)V

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<thead>
<tr>
<th>Program</th>
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<tbody>
<tr>
<td>mach_override</td>
<td>lib/interception/mach_override</td>
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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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 (brazil@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@mtiame.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(agenda@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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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */
/* Prefix for internally generated assembler labels. If we aren't using underscores, we are using prefix `.'s to identify labels that should be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */
#define ASM_BYTE "t.byte"  
#define ASM_SHORT "t.word"  
#define ASM_LONG "t.long"   
#define ASM_QUAD "t.quad"   /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS */
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line that says to advance the location counter by SIZE bytes. */
#define ASM_OUTPUT_SKIP(FILE,SIZE)  
   fprintf (FILE, ".space " HOST_WIDE_INT_PRINT_UNSIGNED"
", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line to define a global common symbol. */
#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED)  
    ( fputs (".comm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line to define a local common symbol. */
#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
    ( fputs (".lcomm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#endif HAVE_GAS_LCOMM_WITH_ALIGNMENT

#define ASM_OUTPUTAligned_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
    ( fputs (".lcomm ", (FILE)),
      assemble_name ((FILE), (NAME)),
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))
fprintf ((FILE), ",%u,%u
", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG)
if ((LOG)!=0) fprintf ((FILE), 	.align %d
", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER)
sprintf ((BUF), "*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX 

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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/**
 * This interface provides information about a permission that can be granted. Note that this is <em>not</em> the same as the class <code>java.security.Permission</code>. *
 * *
 * @version 0.0 *
 * *
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission {

 /**
  * This method tests whether or not a specified <code>Permission</code> (passed as an <code>Object</code>) is the same as this permission.
  *
  * @param perm The permission to check for equality
  *
  * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
  */
  boolean equals (Object perm);

 /**
  * This method returns this <code>Permission</code> as a <code>String</code>.
  *
  * @return A <code>String</code> representing this permission.
  */
  String toString();
}

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#define __gnu_javax_sound_AudioSecurityManager$Permission__

#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
namespace gnu
{
namespace javax
{
namespace sound
{
class AudioSecurityManager$Permission;
}
}
}

class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
{

AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUMSVALUES;
public:
static ::java::lang::Class class$;
};

#endif // __gnu_javax_sound_AudioSecurityManager$Permission__

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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
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SNMP4J 2 - SMIAddress.java

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1.792 shadow 4.8.1-1

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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
  * <tt>{ @link Type#getInternalName() getInternalName()}</tt>). 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 Textifier}. <i>Subclasses must not use this
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 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

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*/
/**
 * Constructs a new [@link LocalVariableAnnotationNode]. \textit{Subclasses must}
 * not use this constructor}. 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 \texttt{typeRef}. May be
 * \texttt{null} if the annotation targets \texttt{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 \texttt{start} array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the \texttt{start} array.
 * @param desc
 * the class descriptor of the annotation class.
 */

Found in path(s):
*/opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Type.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Shrinker.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MethodVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Remapper.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/InstructionAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optim...
jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LineNumberNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/AnalysisFrame.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.
*

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-writer.properties

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1.806 commons-compress 1.18

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  1997-1998 Ray Dassen <jdassen@wi.LeidenUniv.nl>
  1995-1996 Chris Fearnley
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jar/com/thoughtworks/paranamer/PositionalParanamer.java

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### 1.820 jackson-dataformat-yaml 2.9.9

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-- vile:txtmode file-encoding=utf-8
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-- vile:txtmode fc=72
-- $Id: COPYING,v 1.6 2018/01/01 12:00:00 tom Exp $
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Upstream source https://invisible-island.net/ncurses/ncurses-examples.html

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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-- vile: txtmode file-encoding=utf-8

1.827 audit 2.8.4 3
1.827.1 Available under license :

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Version 2.1, February 1999

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* /opt/cola/permits/1135880174_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SimpleLog.java
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* /opt/cola/permits/1135880174_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SLF4JLocationAwareLog.java
* /opt/cola/permits/1135880174_1613624046.95/0/jcl-over-slf4j-1-7-30-sources-1-jar/org/apache/commons/logging/impl/SLF4JLog.java

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analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
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DRuntime: Runtime Library for the D Programming Language

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Version 3.1, 31 March 2009

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DOCUMENTATION ROADMAP
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This file contains the following sections:
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.

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
========

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.
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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 "rdipgcom" 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.

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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, 
lconfig, 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
==========

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 
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 full description of JPEG is the textbook "JPEG Still Image Data
Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published
The book includes the complete text of the ISO JPEG standards (DIS 10918-1
and draft DIS 10918-2). This is by far the most complete exposition of JPEG
in existence, and we highly recommend it.

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

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
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/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
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send usenet/news.answers/jpeg-faq/part2

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 format.

As always, speeding things up is of great interest.

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

1.861 hostname 3.16ubuntu2

1.861.1 Available under license:

This package was written by Peter Tobias <tobias@et-inf.fho-emden.de> on Thu, 16 Jan 1997 01:00:34 +0100.

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can be found in /usr/share/common-licenses/GPL-2 file.
hostname -- set the host name or show the host/domain name

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1.862 markupsafe 1.1.1
1.862.1 Available under license :
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    * markupsafe._speedups
    * ~~~~~~~~~~~~~~~~~~~~
    * 
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    */

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    * /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-0-g22c946d-1-targ-
    gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/_speedups.c

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* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-targ-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/_constants.py
* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-targ-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/__init__.py
* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-targ-gz/sailfishos-mirror-markupsafe-22c946d/src/markupsafe/_compat.py
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No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1160876786_1620411589.43/0/sailfishos-mirror-markupsafe-1-1-1-0-g22c946d-1-targ-
gz/sailfishos-mirror-markupsafe-22c946d/README.rst

1.863 debian-archive-keyring 2021.1.1

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1.864 python-chardet 2.2.1 3.el7

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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 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.

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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.

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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:

   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.

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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 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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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.

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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.

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) The modified work must itself be a software library.

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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.

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
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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.

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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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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.

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* /opt/ws_local/PERMITS_SQL/1072948687_1595240769.66/0/netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1072948687_1595240769.66/0/netty-handler-4-1-51-final-sources-jar/io/netty/handler/ssl/ClientAuth.java

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* /opt/ws_local/PERMITS_SQL/1074412223_1595831605.34/0/spring-security-web-5-3-2-release-sources-jar/org/springframework/security/web/http/SecurityHeaders.java
* /opt/ws_local/PERMITS_SQL/1074412223_1595831605.34/0/spring-security-web-5-3-2-release-sources-jar/org/springframework/security/web/server/MatcherSecurityWebFilterChain.java
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  jar/org/springframework/security/web/session/SessionInformationExpiredStrategy.java
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  jar/org/springframework/security/web/server/authentication/AuthenticationWebFilter.java
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  jar/org/springframework/security/web/method/annotation/CurrentSecurityContextArgumentResolver.java
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  jar/org/springframework/security/web/authentication/logout/HeaderWriterLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1074412223_1595831605.34/0/spring-security-web-5-3-2-release-sources-
  jar/org/springframework/security/web/jackson2/DefaultCsrfTokenMixin.java
* /opt/ws_local/PERMITS_SQL/1074412223_1595831605.34/0/spring-security-web-5-3-2-release-sources-
  jar/org/springframework/security/web/jackson2/WebJackson2Module.java
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  jar/org/springframework/security/web/jackson2/SavedCookieMixin.java
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  jar/org/springframework/security/web/jackson2/WebAuthenticationDetailsMixin.java
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  jar/org/springframework/security/web/session/SessionInformationExpiredStrategy.java
* /opt/ws_local/PERMITS_SQL/1074412223_1595831605.34/0/spring-security-web-5-3-2-release-sources-
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scriptversion=2010-08-21.06; # UTC

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1.893 caffeine 2.6.2

1.894 tzdata 2021a 0+deb10u1

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1.895 jersey-client 2.27

1.896 scala-reflect 2.12.8

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* /opt/cola/permits/1136635797_1613819028.17/0/scala-reflect-2-12-8-sources-2.jar/scala/reflect/runtime/SymbolLoaders.scala
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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.

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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.

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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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
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
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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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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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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.

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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.

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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
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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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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.)

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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.

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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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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.)

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  jar/com/headius/invokebinder/Signature.java
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  jar/com/headius/invokebinder/SmartBinder.java
* /opt/cola/permits/1142800326_1615477347.28/0/invokebinder-1-11-sources-3-
  jar/com/headius/invokebinder/SmartHandle.java

1.934 jackson-module-afterburner 2.9.10

1.934.1 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
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It is currently developed by a community of developers, as well as supported
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### ASM

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*/

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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Create new DOS partition table
57e721e38d1266c2df055067c18f2cf9 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
-------------------
Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout----------
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Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
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Disk identifier: 0x00000001

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1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbc 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 fsype [fsizes 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):
h5c121c2091b2ff26b880551feac7112 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:

<table>
<thead>
<tr>
<th>#</th>
<th>start</th>
<th>end</th>
<th>size</th>
<th>fstype</th>
<th>[fsize bsize cpg]</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>4096</td>
<td>6144</td>
<td>2049</td>
<td>4.2BSD</td>
<td>0 0 0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>unused</td>
<td>0 0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>unused</td>
<td>0 0</td>
</tr>
</tbody>
</table>

BSD disklabel command (m for help):

Command (m for help):

---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):

<table>
<thead>
<tr>
<th>0</th>
<th>unused</th>
<th>5</th>
<th>4.1BSD</th>
<th>9</th>
<th>4.4LFS</th>
<th>d</th>
<th>boot</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>swap</td>
<td>6</td>
<td>Eighth Edition</td>
<td>a</td>
<td>unknown</td>
<td>e</td>
<td>ADOS</td>
</tr>
<tr>
<td>2</td>
<td>Version 6</td>
<td>7</td>
<td>4.2BSD</td>
<td>b</td>
<td>HPFS</td>
<td>f</td>
<td>HFS</td>
</tr>
<tr>
<td>3</td>
<td>Version 7</td>
<td>8</td>
<td>MS-DOS</td>
<td>c</td>
<td>ISO-9660</td>
<td>10</td>
<td>AdvFS</td>
</tr>
<tr>
<td>4</td>
<td>System V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BSD disklabel command (m for help):

1.939 aws-eventstream 1.2.0
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1.940 tzdata 2021e-1.el7

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1.941 libmodule-signature-perl 0.73-1+deb8u2

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1.942 shim 10.6

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To compute the message digest of a chunk of bytes, declare an MD5Context structure, pass it to MD5Init, call MD5Update as needed on buffers full of bytes, and then call MD5Final, which will fill a supplied 16-byte array with the digest.

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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 state 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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Version 2.1, February 1999

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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:

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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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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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_SHLIB) $(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) \ $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

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)
This is the Debian GNU/Linux prepackaged version of the Common Error
Description 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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repository from the development branch, please contact me
(tyts@mit.edu) before you ship. The release schedules for this
package are flexible, if you give me enough lead time.

Theodore Ts'o
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Gadi Oxman, August 1995

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1.967 pcre 8.42
1.967.1 Available under license :
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End
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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.
THE BASIC LIBRARY FUNCTIONS
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PCRE JUST-IN-TIME COMPILATION SUPPORT
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1.969 mpdecimal 2.5.1-2
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 */
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**1.970 xml-path 3.0.1**

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*/

Found in path(s):
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/XmlPrettifier.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/XmlRenderer.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/GroovyNodeSerializer.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/config/XmlPathConfig.java
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* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/config/XmlParserType.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/path/xml/element/PathElement.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/path/xml/exception/XmlPathException.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/assertion/XMLAssertion.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/path/xml/element/NodeChildren.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/mapping/XmlPathJaxbObjectDeserializer.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/mapper/factory/DefaultJAXBOBJECTMAPPERFACTORY.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/NodeChildrenImpl.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/internal/path/xml/NodeImpl.groovy
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/path/xml/mapping/XmlPathObjectDeserializer.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/path/xml/element/Node.java
* /opt/cola/permits/1186251782_1628079557.08/0/xml-path-3-0-1-sources-jar/io/restassured/mapper/factory/JAXBObjectMapperFactory.java
1.971 tdb 1.44.5

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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 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_SHLIB) $(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) \ 
 $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \ 
 $(LDCONFIG)

install-strip: install

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)
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:

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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
-
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Theodore Ts'o
23-June-2007

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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.

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

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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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If distribution of object code is made by offering access to copy
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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
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Otherwise, if the work is a derivative of the Library, you may
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That's all there is to it!
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:

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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

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MortBay

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  
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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1.976 jackson-module-afterburner 2.11.0

1.976.1 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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1.977 jide-common 3.6.12

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* Bob Corsaro (dokipen)
* Colin Surprenant (colinsurprenant)
* Corry Haines (tabletcorry)
* Graham Bleach (bleach)
* James Turnbull (jamtur01)
* Jason Woods (driskell)
* John E. Vincent (luis)
* Jordan Sissel (jordansissel)
* Kurt Hurtado (kurtado)
* Laust Rud Jacobsen (rud)
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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

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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...
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# Constant-time SSSE3 AES core implementation.
# version 0.1
#
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cpan/Locale-Maketext-Simple/t/po_with_i_default/fr.po
cpan/Locale-Maketext-Simple/t/po_with_i_default/en.po
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cpan/podlators/t/docs/pod.t
cpan/podlators/t/docs/synopsis.t
cpan/podlators/t/lib/Test/RRA.pm
cpan/podlators/t/lib/Test/RRA/Config.pm
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cpan/bignum/*
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dist/Safe/*
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ext/FileCache/*
ext/GDBM_File/*
ext/IPC-Open2/*
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ext/PerlIO-encoding/*
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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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A. HISTORY OF THE SOFTWARE
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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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jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
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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
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lib/libgss/g_accept_sec_context.c
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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
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
    kprop/kpropd_rpc.c
    kprop/kproplog.c

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Library: jackson-core v2.9.5
Url: https://github.com/FasterXML/jackson-core
License: Apache-2.0
# 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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Library: jackson-databind v2.9.5
Url: https://github.com/FasterXML/jackson-databind
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Library: gems v0.8.3
Url: https://github.com/rubygems/gems
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Url: https://github.com/jk1/Gradle-License-Report
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Library: i18n v0.6.9
Url: https://github.com/svenfuchs/i18n
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that the user who changes the contents of definitions files in the
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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.

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License: MIT

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Url: http://www.slf4j.org/
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Url: https://github.com/elastic/logstash
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Url: https://github.com/jordansissel/pleaserun
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Url: https://github.com/bpot/poseidon
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Url: http://prototypejs.org
License: MIT  TODO: Another jruby dependency that is not shipped with it
TODO

Library: pry v0.10.4
Url: http://pryrepl.org
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Library: psych v2.2.4
Url: https://github.com/ruby/psych
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Library: public_suffix v1.4.6
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Library: racc v
Url: https://github.com/tenderlove/racc

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Url: http://github.com/rkh/rack-protection
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Library: rake v10.4.2
Url: https://github.com/ruby/rake
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Url: https://github.com/redis/redis-rb
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Library: rspec v3.7.0
Url: https://github.com/rspec/rspec
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Url: https://github.com/jfelchner/ruby-progressbar
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Library: rubyzip v1.2.1
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Library: simple_oauth v0.3.1
Url: https://github.com/laserlemon/simple_oauth
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Url: https://bitbucket.org/asomov/snakeyaml/
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Library: snappy-jars v1.1.0.1.2
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Library: snappy v0.0.12
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Library: snmp v1.2.0
Url: https://github.com/hallidave/ruby-snmp
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Url: https://github.com/travisjeffery/timecop
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Url: https://github.com/cjheath/treetop
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Library: twitter v5.15.0
Url: https://github.com/sferik/twitter
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Library: webhdfs v0.8.0
Url: https://github.com/kzk/webhdfs
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Url: https://github.com/bblimke/webmock  
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Library: xml-simple v1.1.5
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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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It is currently developed by a community of developers, as well as supported
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Janino - An embedded Java[TM] compiler

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TEST-bundler-1.16.1
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementIterator.java
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1.1024 lucene-queries 8.0.0

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The KStem stemmer in
   analysis/common/src/org/apache/lucene/analysis/en
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default
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,
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/it/ItalianLightStemmer.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/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed
by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

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.
See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smarten) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.
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The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary
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Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
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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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mecab-ko-dic-2.0.3-20170922

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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...
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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
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TEST-bundler-1.16.1
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lap.pod
mpi-test.pod
prime.txt
prng.pod
# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

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1.1032 hamcrest 1.3

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<title>EasyMock License</title>
<link rel="stylesheet" href="easymock.css" />
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<div class="bodywidth">
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 jar/org/osgi/framework/AdminPermission.java
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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/AllServiceListener.java

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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/condpermadmin/ConditionInfo.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/FrameworkEvent.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/Version.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/condpermadmin/ConditionalPermissionInfo.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/condpermadmin/Condition.java

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 */

/**
 * Specified the persistent storage area used by the framework. The value of
 * this property must be a valid file path in the file system to a
 * directory. If the specified directory does not exist then the framework
 * will create the directory. If the specified path exists but is not a
 * directory or if the framework fails to create the storage directory, then
 * framework initialization must fail. The framework is free to use this
 * directory as it sees fit. This area can not be shared with anything else.
 * <p>
 * If this property is not set, the framework should use a reasonable
 * platform default for the persistent storage area.
 *
 * @since 1.5
 */

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  jar/org/osgi/framework/Constants.java
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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/permissionadmin/PermissionInfo.java

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 */
/**
 * Return the certificates for the signers of this bundle and the
 * certificate chains for those signers.
 *
 * @param signersType If [@link #SIGNERS_ALL] is specified, then information
 * on all signers of this bundle is returned. If
 * [@link #SIGNERS_TRUSTED] is specified, then only information on
 * the signers of this bundle trusted by the framework is returned.
 * @return The <code>X509Certificate</code>s for the signers of this bundle
 * and the <code>X509Certificate</code>s of the signers of this bundle. The
 * keys of the <code>Map</code> are the
 * <code>X509Certificate</code>s of the signers of this bundle. The
 * value for a key is a <code>List</code> containing the
 * <code>X509Certificate</code> chain for the signer. The first item
 * in the <code>List</code> is the signer's
 * <code>X509Certificate</code> which is then followed by the rest
 * of the <code>X509Certificate</code> chain. The returned

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Map will be empty if there are no signers. The returned Map is the property of the caller who is free to modify it.

@throws IllegalArgumentException If the specified signersType is not SIGNERS_ALL or SIGNERS_TRUSTED.

@since 1.5

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 */

/**
 * Creates a new PackagePermission object.
 *
 * The name is specified as a normal Java package name: a dot-separated string. Wildcards may be used.
 *
 * Examples:
 *
 * org.osgi.service.http
 * javax.servlet.*
 *
 */
* For the `<code>import</code>` action, the name can also be a filter
* expression. The filter gives access to the following attributes:
* `<ul>
* <li>signer - A Distinguished Name chain used to sign the exporting
* bundle. Wildcards in a DN are not matched according to the filter string
* rules, but according to the rules defined for a DN chain.</li>
* <li>location - The location of the exporting bundle.</li>
* <li>id - The bundle ID of the exporting bundle.</li>
* <li>name - The symbolic name of the exporting bundle.</li>
* <li>package.name - The name of the requested package.</li>
* </ul>
* Filter attribute names are processed in a case sensitive manner.
*
* `<p>
* Package Permissions are granted over all possible versions of a package.
*
* A bundle that needs to export a package must have the appropriate
* `<code>PackagePermission</code>` for that package; similarly, a bundle that
* needs to import a package must have the appropriate
* `<code>PackagePermission</code>` for that package.
* `<p>
* Permission is granted for both classes and resources.
*
* @param name Package name or filter expression. A filter expression can
* only be specified if the specified action is `<code>import</code>`.
* @param actions `<code>exportonly</code>, `<code>import</code>` (canonical
* order).
* @throws InvalidArgumentException If the specified name is a filter
* expression and either the specified action is not
* `<code>import</code>` or the filter has an invalid syntax.
*/

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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources.jar/org/osgi/framework/SignerProperty.java  
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources.jar/org/osgi/framework/launch/FrameworkFactory.java
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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/SynchronousBundleListener.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/permissionadmin/PermissionAdmin.java

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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/InvalidSyntaxException.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/FrameworkListener.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/BundleException.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/BundleListener.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/ServiceFactory.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/BundleException.java

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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/url/URLStreamHandlerSetter.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/url/URLConstants.java
* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/service/url/AbstractURLStreamHandlerService.java
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* /opt/ws_local/PERMITS_SQL/1047730058_1590580997.45/0/org-osgi-core-4-2-0-sources-jar/org/osgi/framework/ServiceException.java

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---
teardown:
- do:
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    acknowledge: true
    body: |
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---

"Installing and getting license works":

```yaml
# current license version
- do:
  license.post:
    acknowledge: true
    body: |
      
      {"licenses": [{"uid": "894371dc-9t49-4997-93cb-80e23e7fa4a8", "type": "trial", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1916956799999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0FWh0T9njItjQ2qammmAAABmC9ZN0hjZDBGYnVyRxpcOW5Bb3fjZDAxOWpStVoMVZwUrzVxk1PSmkxaxkJZdW51MhI5HTH6oN1N2MXMvRFk4d3JTZEx3R3RRZ0pzU3lobWJKZKnqvSEFvao0ppTHBkWkpzZWZQ9iNmRQKnw1SlpL0nlDa1ZCS095MRXGKLnz1JlP ycVVTThncRcTE2dzhJmzrDqFqRn3JQeGwxa0U0MXZ0dJHSERlzTVLOHnzSDBywWnpozEphzHBZJUrTvBRENNSXNswwJlZaODzdVnEuzJWKTnZWGM5TUhvQVpulaU04Q1jOum4MXNuLupSOEhQ aV B2azhmUk9QVzhFeToFoM1QRnJXS053MWk2K055c2szSmRnViffs2JSQkFLV2VYXumVHNDZ2R3o2VE1q bVqS2It0XOHN5bUErZrINWkZtSvmZJWetaSU9wTTJENDVvT1NCYklacUYyK2fwRWxa06fdMmMzSGIQc3fWOFQrzZSUcMxVqrt2RUZwMFJnZvLZld2bdrWVzu6U5gpaENGWFVReXNKrKb9E9PQAAABZB6vhozA0 trrxhUZ1QbaTsKThna9C5KVq6vp8ygp1pnsBpZXClk1Srg0F1bQxq6Ijwv5qnmYnH3hRhTO9EyaC5qaLk8 NXQZQ6rTkQSPenBwAYUKZtKXsuBook4B4nmwCrt8aaMakztT6Btb6mgz5+7csu9y37Gkkd1+jxQCRxPV+pOEuf7 gnXWZx6oeoRtrLc1t1yn90k6CFhKk6rPTrsJ6igZwU0YVYee47YQ9QPravHax73T4UOdQZXV1i5sBO IQWKhBROD5YQ1POYVjTayoltWLMxsEcakkATXZIHpBEHST7kZWjrTS61dCReJe7a8Vsj78HWxOlY" ]}

- match: { license_status: "valid" }

- do:
  license.get: {}

# a license object has 11 attributes
- length: { license: 11 }

# bwc for licenses format
- do:
  license.post:
    acknowledge: true
    body: |
      
      {"licenses": [{"uid": "893361dc-9749-4997-93cb-80e23e7fa4a8", "type": "gold", "issue_date_in_millis": 1411948800000, "expiration_date_in_millis": 1914278399999, "max_nodes": 1, "issued_to": "issuedTo", "issuer": "issuer", "signature": "AAAAAgAAAA0FWh0T9njItjQ2qammmAAABmC9ZN0hjZDBGYnVyRxpcOW5Bb3fjZDAxOWpStVoMVZwUrzVxk1PSmkxaxkJZdW51MhI5HTH6oN1N2MXMvRFk4d3JTZEx3R3RRZ0pzU3lobWJKZKnqvSEFvao0ppTHBkWkpzZWZQ9iNmRQKnw1SlpL0nlDa1ZCS095MRXGKLnz1JlP ycVVTThncRcTE2dzhJmzrDqFqRn3JQeGwxa0U0MXZ0dJHSERlzTVLOHnzSDBywWnpozEphzHBZJUrTvBRENNSXNswwJlZaODzdVnEuzJWKTnZWGM5TUhvQVpulaU04Q1jOum4MXNuLupSOEhQ aV B2azhmUk9QVzhFeToFoM1QRnJXS053MWk2K055c2szSmRnViffs2JSQkFLV2VYXumVHNDZ2R3o2VE1q bVqS2It0XOHN5bUErZrINWkZtSvmZJWetaSU9wTTJENDVvT1NCYklacUYyK2fwRWxa06fdMmMzSGIQc3fWOFQrzZSUcMxVqrt2RUZwMFJnZvLZld2bdrWVzu6U5gpaENGWFVReXNKrKb9E9PQAAABZB6vhozA0 trrxhUZ1QbaTsKThna9C5KVq6vp8ygp1pnsBpZXClk1Srg0F1bQxq6Ijwv5qnmYnH3hRhTO9EyaC5qaLk8 NXQZQ6rTkQSPenBwAYUKZtKXsuBook4B4nmwCrt8aaMakztT6Btb6mgz5+7csu9y37Gkkd1+jxQCRxPV+pOEuf7 gnXWZx6oeoRtrLc1t1yn90k6CFhKk6rPTrsJ6igZwU0YVYee47YQ9QPravHax73T4UOdQZXV1i5sBO IQWKhBROD5YQ1POYVjTayoltWLMxsEcakkATXZIHpBEHST7kZWjrTS61dCReJe7a8Vsj78HWxOlY" ]}
```
```
- match: { license_status: "valid" }

- do:
  license.get: {}

- length: { license: 11 }

### license version: 1.x

- do:
  license.post:
    acknowledge: true
    body: |
    {
      "licenses": [{
        "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
        "type": "subscription",
        "subscription_type": "gold",
        "issue_date_in_millis": 1914278399999,
        "max_nodes": 1,
        "issued_to": "issuedTo",
        "issuer": "issuer",
        "signature": "AAAAAQAAAA0LVAywwpSH94cyXr4zAAABmC9ZN0hjZDBGYnVyxRxpCOW5Bb3FjZDaxOWpShTVoMVZvUrzxKlPsmkzaxzZdWI7MIhTHNoN1N2MXMvRfk43dTZe3R3RRZ0pzU3lobWJKZnQySfFvaa0ppTHBkWkpzZW5S9iNmRQpKwv1SlpLN0iDalZSC095MXRG11l3JpYcVTVmFrcTE2dzhIZmZzdFQrN3JQeGwxb0UMXz0DHzEriZTVLohhSDByWnpozEpheHBEZjUrTVBxRENNSXNsWWjJZlzaODdzVzmEzUjNi
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wKXXul1wSeir4I/LKdluQTfFLy0+1th87VS8T88UT" ]
    }
}

- match: { license_status: "valid" }

- do:
  license.get: {}

- length: { license: 11 }

### multiple licenses version: 1.x

- do:
  license.post:
    acknowledge: true
    body: |
    {
      "licenses": [{
        "uid": "893361dc-9749-4997-93cb-802e3d7fa4a8",
        "type": "subscription",
        "subscription_type": "gold",
        "issue_date_in_millis": 1914278399999,
        "max_nodes": 1,
        "issued_to": "issuedTo",
        "issuer": "issuer",
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}
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- match: { license_status: "valid" }

- do:
  license.get: {}

- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93c8-802e3d0f77aa" }

---

"Should throw 404 after license deletion":

- do:
  license.delete: {}

- match: { acknowledged: true }

- do:
  license.get: {}

  catch: missing

---
"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version
- do:
  license.post:
    acknowledge: true
    body: |
    {"license": {"uid": "893361dc-9749-4997-93cb-8023ed7faa48","type": "gold","issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAGAAA3U8+YmmnvwC+CWS/V/mRAAABmC9ZNO5hjZDBGYYnVxRxpCOW5Bb3FjZDAxOWpSbTVoMVZwUrzRvk1PSmxxakxzD5W1MihTHNoN1N2XMvRflk4d3J1ZEXe3R3RRZ0pzU3l0bWJKzQeSEFva0ppTHBkWkprZWZSQi91NnmQnkw1SlpLN0fDaZC095MXRGN1IIzlpYcVVTlnFrcTE2dhZJzmdRFDqRn3JQeGwxb0UoMZXz0dDJHSERiZTVLOHnzSDByWnpoZEphZHZBEZjUtRVBxRENNSSNxsWVj1Zlal0DdzvMezuJniWktnWGM5TUhQV2plaUo4QJ10Um4MXNul0pSEOhQaVB2a2zhmUKr9QVzhFeToFm1Q0RanJXSG53MWk2K055c28zSmRnVfK1b2JSQkFLV2VXumVHNDZ2R3o2V1e1bVNQ5S2lxOH5nbUerZINIWkkZSvmZl0wetSU9wTTJENDVvT1NCYkcUyUyKf2FwRW9xa0t6ddMbmmZmGQtc3FwOTgZ3ZUCxMvQkTz2RuzwMFJnzZldLz2d2bDRWUz6UG5pdENGWFReXNKNe9PQAAAQB e8GftDm6t5373luuebjt3x5KdvgoK5NQap+rvczeWcQ邢CuzbF8plkgetP1AAGZP4uRESQDPMoGxc4dOLUqAm 9f7GbBQ3193P+PogInPFeEH9NvmaOaQovmXVM95E6sDlql4x4sCO+bgWxPtxdLmpoQ1xF6d6BZ8geuyYp VHkyp9hVU0tAYjw6HyoYE7+zu010jYxElqy66AnflKvrHrvni+fylm3Et7d7TDSDrAz7W3iBhaqXntEqabbEH dPHQdSR99XGaEvnHO1paK01/35izF6OXHsF7Cc+558GRXvzueoe7TsGSt8g7jJzWv9bRCyU7oB4B/nidg 1"}}

- match: { license_status: "valid" }  

- do:
  license.get: {}  

- length: { license: 11 }  

---

"Cannot start basic":

- do:
  catch: bad_request
  license.post:
    acknowledge: true
    body: |
    {"license": {"uid": "893361dc-9749-4997-93cb-8023ed7faa48","type": "basic","issue_date_in_millis": 1411948800000, "expiry_date_in_millis": 1914278399999, "max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAGAAA3U8+YmmnvwC+CWS/V/mRAAABmC9ZNO5hjZDBGYYnVxRxpCOW5Bb3FjZDAxOWpSbTVoMVZwUrzRvk1PSmxxakxzD5W1MihTHNoN1N2XMvRflk4d3J1ZEXe3R3RRZ0pzU3l0bWJKzQeSEFva0ppTHBkWkprZWZSQi91NnmQnkw1SlpLN0fDaZC095MXRGN1IIzlpYcVVTlnFrcTE2dhZJzmdRFDqRn3JQeGwxb0UoMZXz0dDJHSERiZTVLOHnzSDByWnpoZEphZHZBEZjUtRVBxRENNSSNxsWVj1Zlal0DdzvMezuJniWktnWGM5TUhQV2plaUo4QJ10Um4MXNul0pSEOhQaVB2a2zhmUKr9QVzhFeToFm1Q0RanJXSG53MWk2K055c28zSmRnVfK1b2JSQkFLV2VXumVHNDZ2R3o2V1e1bVNQ5S2lxOH5nbUerZINIWkkZSvmZl0wetSU9wTTJENDVvT1NCYkcUyUyKf2FwRW9xa0t6ddMbmmZmGQtc3FwOTgZ3ZUCxMvQkTz2RuzwMFJnzZldLz2d2bDRWUz6UG5pdENGWFReXNKNe9PQAAAQB e8GftDm6t5373luuebjt3x5KdvgoK5NQap+rvczeWcQ邢CuzbF8plkgetP1AAGZP4uRESQDPMoGxc4dOLUqAm 9f7GbBQ3193P+PogInPFeEH9NvmaOaQovmXVM95E6sDlql4x4sCO+bgWxPtxdLmpoQ1xF6d6BZ8geuyYp VHkyp9hVU0tAYjw6HyoYE7+zu010jYxElqy66AnflKvrHrvni+fylm3Et7d7TDSDrAz7W3iBhaqXntEqabbEH dPHQdSR99XGaEvnHO1paK01/35izF6OXHsF7Cc+558GRXvzueoe7TsGSt8g7jJzWv9bRCyU7oB4B/nidg 1"}}
- match: { error.root_cause.0.reason: 'Installing basic licenses is no longer allowed. Use the POST /_license/start_basic API to install a basic license that does not expire.' }
--
"Should fail gracefully when body content is not provided":

  - do:
    catch: bad_request
    license.post:
      acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }
--
"Current license is trial means not eligible to start trial":

  - do:
    license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

  - do:
    license.post_start_basic:
      acknowledge: true

- match: { basic_was_started: true }

  - do:
    license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

  - do:
    catch: forbidden
    license.post_start_trial:
      acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }
--
"Trial license cannot be basic":
  - do:
    catch: bad_request
    license.post_start_trial:
      type: "basic"
      acknowledge: true
"Can start basic license if do not already have basic":
- do:
  license.get_basic_status: {}

- match: { eligible_to_start_basic: true }

- do:
  license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

"Must acknowledge to start basic":
- do:
  license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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[[java-rest-high-delete-license]]

=== Delete License

[[java-rest-high-delete-license-execution]]

=== Execution

The license can be deleted using the `deleteLicense()` method:
The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```
<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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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/hu/HungarianLightStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianMinimalStemmer.java
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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This API enables you to update your license.
[float]
==== Request

'PUT /_license'

[float]
==== Description

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[float]
==== Query Parameters

`acknowledge`:
(boolean) Specifies whether you acknowledge the license changes. The default value is `false`.

[float]
==== Request Body

`licenses`:
(array) A sequence of one or more JSON documents containing the license information.

[Float]
==== Authorization

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

[Float]
==== Examples

The following example updates to a basic license:
POST /_license
{
  "licenses": [
  {
    "uid": "893361dc-9749-4997-93cb-802e3d7fa4xx",
    "type": "basic",
    "issue_date_in_millis": 1411948800000,
    "expiry_date_in_millis": 1914278399999,
    "max_nodes": 1,
    "issued_to": "issuedTo",
    "issuer": "issuer",
    "signature": "xx"
  }
  ]
}

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can also install your license file using a `curl` command. Be sure to add `@` before the license file path to instruct curl to treat it as an input file.

```shell
curl -XPUT -u <user> 'http://<host>:<port>/_license' -H "Content-Type: application/json" -d @license.json
```

On Windows, use the following command:

```shell
Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json" -InFile .\license.json
```

In these examples,

* `"<user>"` is a user ID with the appropriate authority.
* `"<host>"` is the hostname of the {es} node (`localhost` if executing locally)
* `"<port>"` is the http port (defaults to `9200`)
NOTE: If your [es] node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]

```
{  
  "acknowledged": false,  
  "license_status": "valid",  
  "acknowledge": {  
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"",  
    "watcher": [  
      "Watcher will be disabled"  
    ],  
    "logstash": [  
      "Logstash will no longer poll for centrally-managed pipelines"  
    ],  
    "security": [  
      "The following X-Pack security functionality will be disabled: ..."  
    ]  
  }  
}
```

// NOTCONSOLE

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:

[source,js]

```
POST /_license?acknowledge=true

{  
  "licenses": [  
    {  
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",  
      "type": "basic",  
      "issue_date_in_millis":1411948800000,  
      "expiry_date_in_millis":1914278399999,  
      "max_nodes":1,  
      "issued_to":"issuedTo",  
      "issuer":"issuer",  
      "signature":"xx"  
    }  
  ]
}
```
// CONSOLE
// TEST[skip:license testing issues]

Alternatively:

[source,sh]
curl -XPUT -u elastic 'http://<host>:<port>/_license?acknowledge=true' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

For more information about the features that are disabled when you downgrade your license, see {xpack-ref}/license-expiration.html[License Expiration].

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OSXAdapter

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This API enables you to delete licensing information.

```
DELETE /_license
```

When your license expires, {xpack} operates in a degraded mode. For more information, see {xpack-ref}/license-expiration.html[License Expiration].

You must have `manage` cluster privileges to use this API. For more information, see {xpack-ref}/security-privileges.html[Security Privileges].
Examples

The following example queries the info API:

[source,js]
DELETE /_license

// CONSOLE
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:

[source,js]
{
    "acknowledged": true
}

// NOTCONSOLE
this is a test license file

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This API enables you to retrieve licensing information.

This API enables you to retrieve licensing information.
==== Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

==== Query Parameters

`local`:
(boolean) Specifies whether to retrieve local information. The default value is 'false', which means the information is retrieved from the master node.

==== Authorization

You must have `monitor` cluster privileges to use this API. For more information, see {xpack-ref}/security-privileges.html[Security Privileges].

==== Examples

The following example provides information about a trial license:

[source,js]
-----------------------------------------------
GET /_license
-----------------------------------------------

// CONSOLE

[source,js]
-----------------------------------------------
{
  "license" : {
    "status" : "active",
    "uid" : "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type" : "trial",
    "issue_date" : "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis" : 1540073112332,
    "expiry_date" : "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis" : 1542665112332,
    "max_nodes" : 1000,
  }
}
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***The art of simplicity is a puzzle of complexity.***

## Overview ##
[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting
languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can
parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug report](https://bitbucket.org/asomov/snakeyaml/issues?status=new&status=open).
* You may discuss SnakeYAML at
[the mailing list](http://groups.google.com/group/snakeyaml-core).

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[[java-rest-high-get-license]]
=== Get License

[[java-rest-high-get-license-execution]]
==== Execution

The license can be added or updated using the `getLicense()` method:

["source","java",subs="attributes,callouts,macros"]

-------------------------------------------------------------------
The returned `GetLicenseResponse` contains the license in the JSON format.

```
<1> The text of the license.
```

This request can be executed asynchronously:

```
<1> The `GetLicenseRequest` to execute and the `ActionListener` to use when
   the execution completes
```

The asynchronous method does not block and returns immediately. Once it is
completed the `ActionListener` is called back using the `onResponse` method
if the execution successfully completed or using the `onFailure` method if
it failed.

A typical listener for `GetLicenseResponse` looks like:

```
<1> Called when the execution is successfully completed. The response is
    provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument
```

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=== Update License

The license can be added or updated using the `putLicense()` method:

```
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute]
--------------------------------------------------
```

1. Set the categories of information to retrieve. The default is to return no information which is useful for checking if `xpack` is installed but not much else.
2. A JSON document containing the license information.

=== Response

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```
["source","java",subs="attributes,callouts,macros"]
--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-response]
--------------------------------------------------
```

1. The status of the license
2. Make sure that the license is valid.
3. Check the acknowledge flag. It should be true if license is acknowledged.
4. Otherwise we can see the acknowledge messages in `acknowledgeHeader()`
and check component-specific messages in `acknowledgeMessages()`.

[[java-rest-high-put-license-async]]

==== Asynchronous Execution

This request can be executed asynchronously:

[
"source","java",subs="attributes,callouts,macros"]

--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-async]
--------------------------------------------------

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

[
"source","java",subs="attributes,callouts,macros"]

--------------------------------------------------
include-tagged::{doc-tests}/LicensingDocumentationIT.java[put-license-execute-listener]
--------------------------------------------------

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.
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    analysis/common/src/resources/org/apache/lucene/analysis/snowball
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
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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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,
    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/es/SpanishMinimalStemmer.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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===========================================================================

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Charset detection code from ICU4J (http://site.icu-project.org/)

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/**
 * used to check the 3 constraints against each complex type
 * (should be each model group):
 * Unique Particle Attribution, Particle Derivation (Restriction),
 * Element Declarations Consistent.
 */

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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message JA.properties
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message fr.properties
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLSchemaMessages.properties
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DOMMessages.properties
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java

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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLInputElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMLeaf.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLNamespaceBinder.java
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/NamespaceContext.java
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* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/jaxp/validation/AbstractXMLSchema.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/opti/NamedNodeMapImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xpointer/ShortHandPointer.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/jaxp/Validation/ValidationSymbols.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/models/CMNodeFactory.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/jaxp/validation/StAXDocumentHandler.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/opti/AttrImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xinclude/SecuritySupport.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/wml/WMLSetvarElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/models/CMNodeFactory.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/jaxp/validation/StAXDocumentHandler.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/wml/WMLSetvarElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/wml/WMLSetvarElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/dtd/XMLDTDLoader.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLDocumentParser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/Token.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMLocatorImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultDocument.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XML11DocumentScannerImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAnnotationInfo.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/ElementSchemePointerType.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/LCount.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/XML11Configuration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLPostfieldElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/SymbolTable.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLMetaElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/PSVIElementNSImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLFieldsetElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xml/serialize/TextSerializer.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NameNodeListImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMXSImplementationSourceImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaDOMImplementation.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSWildcard.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSElementDeclaration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLResourceIdentifierImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/TextImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xs/datatypes/XSDouble.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/jaxp/SAXParserFactoryImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/identity/UniqueOrKey.java
* /opt/ cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/dom/ASModelImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xni/parser/XMLErrorHandler.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/dv/xs/DayTimeDurationDV.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xni/Augmentations.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xs/datatypes/XSQName.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xs/XSIDCDefinition.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/wml/WMLRefreshElement.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/parsers/DTDParser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/dtd/XMLContentSpec.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/xs/traversers/XSDNotationTraverser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/parsers/XML11DTDConfiguration.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/dv/xs/DecimalDV.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/dv/xs/IDREFDV.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/xni/QName.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/stax/EmptyLocation.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/xpath/regex/RegexParser.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/xs/XSWildcardDecl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/xs/traversers/XSDAbstractTraversal.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/html/dom/HTMLParamElementImpl.java
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/implementations/dv/xs/ListDV.java
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 */
/**
 * Checks if this content model has had its min/maxOccurs values reduced for
* purposes of speeding up UPA. If so, this content model should not be used
* for any purpose other than checking unique particle attribution
*
* @return a boolean that says whether this content has been compacted for UPA
*/

Found in path(s):
* /opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/implementations/models/XSCMValidator.java

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*/

/**
*DOM Level 3 LS CR - Experimental.
*Create a new <code>LSParser</code>. The newly constructed parser may
*then be configured by means of its <code>DOMConfiguration</code>
*object, and used to parse documents by means of its <code>parse</code>
*method.
* @param mode The <code>mode</code> argument is either
*   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
*   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
*   <code>LSParser</code> that is created will operate in synchronous
*   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
*   <code>LSParser</code> that is created will operate in asynchronous
*   mode.
* @param schemaType An absolute URI representing the type of the schema
*   language used during the load of a <code>Document</code> using the
*   newly created <code>LSParser</code>. Note that no lexical checking
*   is done on the absolute URI. In order to create a
*   <code>LSParser</code> for any kind of schema types (i.e. the
*   LSParser will be free to use any schema found), use the value
*   <code>null</code>.
* <p><b>Note:</b> For W3C XML Schema [a href='http://www.w3.org/TR/2001/REC-xmlschema-1-
20010502/XML Schema Part 1

* , applications must use the value
* `<code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a href='http://www.w3.org/TR/2000/REC-xml-20001006'>XML 1.0</a>],
* applications must use the value
* `<code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
* are outside the scope of the W3C and therefore should recommend an
* absolute URI in order to use this method.
* @return The newly created `<code>LSParser</code>` object. This
* `<code>LSParser</code>` is either synchronous or asynchronous
* depending on the value of the `<code>mode</code>` argument.
* `<p>
* Note: By default, the newly created `<code>LSParser</code>` does not contain a
* `<code>DOMErrorHandler</code>`, i.e. the value of
* the `<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'>"error-handler"</a>`
* configuration parameter is `<code>null</code>`. However, implementations
* may provide a default error handler at creation time. In that case,
* the initial value of the `<code>"error-handler"</code>` configuration
* parameter on the new created `<code>LSParser</code>` contains a
* reference to the default error handler.
* @exception DOMException
* NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
* not supported.
* */

Found in path(s):
* `/opt/cola/permits/1217727294_1635408911.57/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

1.1040 jersey-server 2.28

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* /opt/ws_local/PERMITS_SQL/1075319440_1596106946.44/0/netty-buffer-4-1-35-final-sources-1-jar/io/netty/buffer/PoolThreadCache.java
* /opt/ws_local/PERMITS_SQL/1075319440_1596106946.44/0/netty-buffer-4-1-35-final-sources-1-jar/io/netty/buffer/PoolSubpage.java

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* /opt/ws_local/PERMITS_SQL/1075319440_1596106946.44/0/netty-buffer-4-1-35-final-sources-1-jar/io/netty/buffer/PooledSlicedByteBuf.java
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
  jar/com/sun/msv/datatype/regexp/message_ja.properties
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/datetime/BigTimeDurationValueType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/NonPositiveIntegerType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/MinInclusiveFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/SimpleURType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/XSDatatype.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/WhiteSpaceFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/SerializationContext.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/XSDatatypeImpl.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/DataTypeWithLexicalConstraintFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/UnsignedLongType.java
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/DataTypeWithFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/NmtokenType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/datetime/AbstractCalendarParser.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/TotalDigitsFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/regex/RegExp.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/GMonthType.java
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/PositiveIntegerType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/DateTimeBaseType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/UnsignedByteType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/BooleanType.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
jar/com/sun/msv/datatype/xsd/LengthFacet.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
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* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-jar/com/sun/msv/datatype/xsd/IDREFType.java
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  jar/com/sun/msv/datatype/regexp/ParseException.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
  jar/com/sun/msv/datatype/regexp/RegularExpression.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
  jar/com/sun/msv/datatype/regexp/Match.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
  jar/com/sun/msv/datatype/regexp/Op.java
* /opt/cola/permits/1177942015_1625571932.43/0/xsdlib-2013-6-1-sources-2-
  jar/com/sun/msv/datatype/regexp/REUtil.java
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<h3>4. Time Zone Database</h3>
<p>ICU uses the public domain data and code derived from <a href="http://www.iana.org/time-zones">Time Zone Database</a> for its time zone support. The ownership of the TZ database is explained in <a href="http://tools.ietf.org/html/rfc6557">BCP 175: Procedure for Maintaining the Time Zone Database</a> section 7.</p>
7. Database Ownership

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**<pre>

## -*-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))

</pre>**
## 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 \$@ : /g\" \>
 [ -s $@ ] \|| rm -f $@'

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

## Versioned libraries rules
%.SO,$(SO\_TARGET\_VERSION\_MAJOR): %.SO,$(SO\_TARGET\_VERSION)
$(RM) $@ & & ln -s $(<F) $@
%.SO,$(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

### 1.1051 springfox-swagger-common 2.9.2

#### 1.1051.1 Available under license:

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/TagsSorter.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/OperationsSorter.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/SecurityConfigurationBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/UiConfigurationBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/DocExpansion.java

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/schema/ApiModelPropertyPropertyBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/common/SwaggerPluginSupport.java
Found in path(s):
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/configuration/SwaggerCommonConfiguration.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/operation/ResponseHeaders.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/ApiKeyVehicle.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/parameter/ParameterAnnotationReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/SwaggerResourcesProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/schema/ApiModelBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/InMemorySwaggerResourcesProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/ClassOrApiAnnotationResourceGrouping.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/schema/ApiModelTypeNameProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/SwaggerApiListingReader.java

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/common/XForwardPrefixPathAdjuster.java
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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/SwaggerResource.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/common/HostNameProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/web/ApiResourceController.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/operation/SwaggerOperationResponseClassReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-jar/springfox/documentation/swagger/readers/operation/SwaggerResponseMessageReader.java

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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>

===========================================================================
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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<xsl:text>Copyright (C) </xsl:text>
<xsl:call-template name="copyright.years">
<xsl:with-param name="years" select="year"/>
</xsl:call-template>
<xsl:text> </xsl:text>
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<xsl:value-of select="$isc.copyright.text"/>
</xsl:with-param>
</xsl:call-template>
</xsl:variable>

</xsl:stylesheet>

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- Local variables:
- mode: sgml
- End:
-->
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1.1055 byte-buddy-agent 1.10.10

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1.1056 hk2-utils 2.5.0-b42

1.1057 go-runtime 1.10.6

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/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(Have_POLL) && !defined(Have_POLL_H)
#ifndef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
  int fd;
  short events;
  short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLNOUT 0x0004
#define POLLERR 0x0008
#define POLLPRI 0x0010
#define POLLHUP 0x0010
#define POLLNVAL 0x0020

#if 0
/* the following are currently not implemented */
#define POLLNORM POLLNVAL
#define POLLRDNORM POLLPRI
#define POLLWRNORM POLLNOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
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   - The make-ssh-known-hosts script is no longer included
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   - RC4 support has been replaced with ARC4 support from OpenSSL
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---
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* @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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*/

#ifndef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
/
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*
*/

#ifndef _bsd_waitpid_h
#define _bsd_waitpid_h

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED
/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w)	(*(int*)&(w))	/* convert union wait to int */
*/

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#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !_HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

1.1059 elasticsearch-transport 7.15.0

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 with RFC 2045.
* On Windows XP sp1 with 1.4.2_04 and later ;), this encoder and decoder is about 10 times faster
* on small arrays (10 - 1000 bytes) and 2-3 times as fast on larger arrays (10000 - 1000000 bytes)
* compared to <code>sun.misc.Encoder()/Decoder()</code>.<br>
* On byte arrays the encoder is about 20% faster than Jakarta Commons Base64 Codec for encode and
* about 50% faster for decoding large arrays. This implementation is about twice as fast on very small
* arrays (&lt;30 bytes). If source/destination is a <code>String</code> this
* version is about three times as fast due to the fact that the Commons Codec result has to be recoded
* to a <code>String</code> from <code>byte[]</code>, which is very expensive.<br>
* This encode/decode algorithm doesn't create any temporary arrays as many other codecs do, it only
allocates the resulting array. This produces less garbage and it is possible to handle arrays twice
as large as algorithms that create a temporary array. (E.g. Jakarta Commons Codec). It is unknown
whether Sun's <code>sun.misc.Encoder()/Decoder()</code> produce temporary arrays but since performance
is quite low it probably does.</p><br><p>The encoder produces the same output as the Sun one except that the Sun's encoder appends
a trailing line separator if the last character isn't a pad. Unclear why but it only adds to the
length and is probably a side effect. Both are in conformance with RFC 2045 though.<br><p>Commons codec seem to always att a trailing line separator.<br><p>Note!
The encode/decode method pairs (types) come in three versions with the <b>exact</b> same algorithm and
thus a lot of code redundancy. This is to not create any temporary arrays for transcoding to/from different
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* @version 2.2 *
* @author Mikael Grev *
* Date: 2004-aug-02 *
* Time: 11:31:11 *
*/

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* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/layout/hierarchical/model/mxGraphHierarchyNode.java
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* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/layout/hierarchical/stage/mxMinimumCycleRemover.java

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jar/com/mxgraph/util/svg/NumberParser.java
* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/AMTPathProducer.java
* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/AbstractParser.java
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* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/ExtendedPathIterator.java
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* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/ParseException.java
* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/ExtendedGeneralPath.java
* /opt/ws_local/PERMITS_SQL/1050626139_1591790840.21/0/jgraphx-4-0-0-sources-jar/com/mxgraph/util/svg/AWTPolygonProducer.java
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1.1063 jackson-databind 2.11.3

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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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1.1064 debianutils 4.11.2

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- /opt/cola/permits/1195873086_1629877872.18/0/client-java-12-0-1-sources-jar/io/kubernetes/client/TreeNode.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.)

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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
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it with the complete corresponding machine-readable source code, which
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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
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modification of the work for the customer's own use and reverse
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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
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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 humanity, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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<one line to give the program'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.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

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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 a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

That's all there is to it!

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1.1068 slf4j-simple 1.7.26
1.1068.1 Available under license:

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

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*/

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* /opt/cola/permits/1140938432_1614898745.58/0/slf4j-simple-1-7-26-sources-2-jar/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1140938432_1614898745.58/0/slf4j-simple-1-7-26-sources-2-jar/org/slf4j/impl/SimpleLoggerFactory.java
* /opt/cola/permits/1140938432_1614898745.58/0/slf4j-simple-1-7-26-sources-2-jar/org/slf4j/impl/StaticMarkerBinder.java
* /opt/cola/permits/1140938432_1614898745.58/0/slf4j-simple-1-7-26-sources-2-jar/org/slf4j/impl/StaticMarkerBinder.java

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* /opt/cola/permits/1140938432_1614898745.58/0/sl4j-simple-1-7-26-sources-2-
  jar/org/sl4j/impl/SimpleLogger.java

1.1069 jackson-databind 2.11.0

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1.1070 logstash-codec-dots 3.0.6

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1.1071 e2fsprogs 1.44.5-r0

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===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
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
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Theodore Ts'o
23-June-2007

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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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uses the Library", as object code and/or source code, so that the
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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!
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 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

From the original distribution:

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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_SHLIB) $(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) 
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@ -$(LDCONFIG)

install-strip: install

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)
This is the Debian GNU/Linux prepackaged version of the Common Error
Description 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:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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* /opt/cola/permits/1003166183_1606871966.6/0/grpc-stub-1-7-0-sources-jar/io/grpc/stub/CallStreamObserver.java

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* /opt/ cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/autoproxy/AbstractAutoProxyCreator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/support/ClassFilters.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/DefaultIntroductionAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/annotation/AspectMetadata.java
* /opt/ cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/RootClassFilter.java
*/

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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/AfterAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/BeforeAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/framework/AdvisedSupportListener.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/framework/InterceptorAndDynamicMethodMatcher.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/framework/AopInfrastructureBean.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/RawTargetAccess.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/config/AspectEntry.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/SpringProxy.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/framework/autoproxy/BeanNameAutoProxyCreator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-

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jar/org/springframework/aop/support/AbstractExpressionPointcut.java
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  jar/org/springframework/aop/target/PrototypeTargetSource.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/support/NameMatchMethodPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
  jar/org/springframework/aop/framework/autoproxy/target/LazyInitTargetSourceCreator.java

1.1081 simple-xml 1.1.9
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* /opt/cola/permits/1204210790_1639656881.39/0/xml-simple-1-1-9-gem/data-tar-gz/lib/xmlsimple.rb

1.1082 neko-html 1.9.21

1.1083 netty-handler-proxy 4.1.50.Final
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* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/ws_local/PERMITS_SQL/1070968358_1594795913.86/0/netty-handler-proxy-4-1-50-final-sources-jar/io/netty/handler/proxy/package-info.java

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1.1085 jackson-dataformat-cbor 2.8.11

1.1086 libverto 0.2.5 4.el7

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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_SSOPTIONS=-Wl,-Bsymbic

## 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/(.*)/\1.o $@ : /g" > $@; \n [ -s $@ ] || rm -f $@' 

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

---

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## 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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  author: root
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* /opt/cola/permits/1166535549_1621437638.07/0/mongodb-driver-core-4-0-3-sources-1-jar/com/mongodb/DocumentToDBRefTransformer.java
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* https://github.com/marianobbarrios/tls-channel
*/
/**
 * Writes a sequence of bytesProduced to this channel from a subsequence of the
 * given buffers.
 *
 * <p>
 * See {@link GatheringByteChannel#write(ByteBuffer[], int, int)} for more
 * details of the meaning of this signature.
 *
 * <p>
 * This method behaves slightly different than the interface specification,
 * with respect to non-blocking responses, see {@link #write(ByteBuffer)}
 * for more details.
 *
 * @param srcs   The buffers from which bytesProduced are to be retrieved
 * @param offset The offset within the buffer array of the first buffer from
 * which bytesProduced are to be retrieved; must be non-negative and no
 * larger than <tt>srcs.length</tt>
 * @param length The maximum number of buffers to be accessed; must be
 * non-negative and no larger than <tt>srcs.length</tt>
 * &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&n...
This method behaves slightly different than the interface specification, with respect to non-blocking responses, see \[@link \#read(ByteBuffer)\] for more details.

- **@param dsts** The buffers into which bytesProduced are to be transferred
- **@param offset** The offset within the buffer array of the first buffer into which bytesProduced are to be transferred; must be non-negative and no larger than \(<tt>dsts.length</tt>\)
- **@param length** The maximum number of buffers to be accessed; must be non-negative and no larger than \(<tt>dsts.length</tt>-1</tt>\)
- **@return** The number of bytesProduced read, or \(<tt>-1</tt>\) if the channel has reached end-of-stream; contrary to the behavior specified in \[@link ByteChannel\], this method never returns 0, but throws
- **@throws IndexOutOfBoundsException** If the preconditions on the \(<tt>offset</tt>-<tt>length</tt>\) parameters do not hold
- **@throws WouldBlockException** if the channel is in non-blocking mode and the IO operation cannot be completed immediately
- **@throws NeedsTaskException** if the channel is not configured to run tasks automatically and a task needs to be executed to complete the operation
- **@throws SSLException** if the \[@link SSLEngine\] throws a SSLException
- **@throws IOException** if the underlying channel throws an IOException

*/

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/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 * <p>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.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

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2000-05-05

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cmd/krb5/iprop/iprop_hdr.h
cmd/krb5/kadmin/server/ipropd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slide/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
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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
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
slave/kproplog.c

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 */
/**
**
* Token revocation request. Used to revoke an issued access or refresh token.
*
* <p>Example token revocation request for a confidential client:
*
* <pre>
* POST /revoke HTTP/1.1
* Host: server.example.com
* Content-Type: application/x-www-form-urlencoded
* Authorization: Basic czZCaGRSa3F0MzpnWDFmQmF0M2JW
*
* token=45ghiukldjahdnzdauz&amp;token_type_hint=refresh_token
* </pre>
Example token revocation request for a public client:

```
POST /revoke HTTP/1.1
Host: server.example.com
Content-Type: application/x-www-form-urlencoded

token=45ghiukldjahndhzaudamp;token_type_hint=refresh_token&client_id=123456
```

Related specifications:

- OAuth 2.0 Token Revocation (RFC 7009), section 2.1.

```
/*
 * Creates a new token revocation request for a confidential client.
 * @param uri        The URI of the token revocation endpoint. May be
 *                   {code null} if the {link toHTTPRequest} method
 *                   will not be used.
 * @param clientAuth The client authentication. Must not be
 *                   {code null}.
 * @param token      The access or refresh token to revoke. Must not be
 *                   {code null}.
 */
```

Found in path(s):
- /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2-
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* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/openid/connect/sdk/claims/HashClaim.java
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* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/token/package-info.java
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* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/id/JWTID.java
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* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/http/HTTPEndpoint.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/openid/connect/sdk/rp/ApplicationType.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/token/BearerTokenError.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/ErrorObject.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/AuthorizationSuccessResponse.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/openid/connect/sdk/id/SectorID.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/client/ClientUpdateRequest.java
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* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/openid/connect/sdk/AuthenticationRequest.java
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/auth/AbstractTLSCertificate.java
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 */

/**
 * OpenID Connect client information. Encapsulates the registration and
 * metadata details of an OpenID Connect client:
 *
 * <ul>
 *     <li>The client identifier.
 *     <li>The client OpenID Connect metadata.
 *     <li>The optional client secret for a confidential client.
 *     <li>The optional registration URI and access token if dynamic client
 *         registration is permitted.
 * </ul>
 *
 * <p>Related specifications:
 *
 * <ul>
* <li>OpenID Connect Dynamic Client Registration 1.0.
* <li>OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section 3.2.1.
* <li>OAuth 2.0 Dynamic Client Registration Management Protocol (RFC 7592), section 3.
* </ul>
*/

Found in path(s):
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6.5-sources-2.jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientInformation.java

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*/
/**
**
* Confidential. Clients capable of maintaining the confidentiality of
* their credentials (e.g., client implemented on a secure server with
* restricted access to the client credentials), or capable of secure
* client authentication using other means.
*/
/**
**
* Public. Clients incapable of maintaining the confidentiality of their
* credentials (e.g., clients executing on the device used by the
* resource owner, such as an installed native application or a web
* browser-based application), and incapable of secure client
* authentication via any other means.
*/

Found in path(s):
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6.5-sources-2.jar/com/nimbusds/oauth2/sdk/client/ClientType.java

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 */
/**
 * Authorisation code. Client authentication required only for
 * confidential clients.
 */
/**
 * Refresh token. Client authentication required only for confidential
 * clients.
 */
/**
 * Password. Client authentication required only for confidential
 * clients.
 */

Found in path(s):
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2-jar/com/nimbusds/oauth2/sdk/GrantType.java

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  jar/com/nimbusds/openid/connect/sdk/validators/BadJWTExceptions.java
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 */

/**
 * Client information. Encapsulates the registration and metadata details of
 * an OAuth 2.0 client:
 *
 * <ul>
 *   <li>The client identifier.</li>
 *   <li>The client metadata.</li>
 *   <li>The optional client secret for a confidential client.</li>
 *   <li>The optional registration URI and access token if dynamic client
 *       registration is permitted.</li>
 * </ul>
 *
 * Related specifications:
 *
 * <ul>
 *   <li>OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section
* 3.2.1.
* <ul>
  * OAuth 2.0 Dynamic Client Registration Management Protocol (RFC 7592), section 3.
  * </ul>
* */

// The client must be unambiguously public, else it is marked as confidential

Found in path(s):
* /opt/cola/permits/1136367337_1615402205.02/0/oauth2-oidc-sdk-6-5-sources-2.jar/com/nimbusds/oauth2/sdk/client/ClientInformation.java

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src/gzip/infutil.c
src/gzip/infutil.h
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Source: http://jakarta.apache.org/regexp
Used By: BCEL.jar which is used by XSLTC component of xml-xalan/java

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1.1105 httpcomponents-mime 4.2.3

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1.1107 zstd 1.3.3

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/threading.h

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-
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***************************************************************************

Huffman coder, part of New Generation Entropy library
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/* *******************************************************

mem.h
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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v03.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v06.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v07.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v02.c

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-
1.3.3/zstd/lib/legacy/zstd_v02.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_opt.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v011.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/zstd_internal.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/pool.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/mem.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_fast.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/pool.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/decompress/zstd_decompress.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_fast.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstdmt_compress.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_double_fast.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v06.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_compress.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstdmt_compress.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_double_fast.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/compiler.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v04.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v05.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/zstd_common.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_lazy.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v03.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/zstd_errors.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_legacy.h
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*/
/**
* 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.
* </p>
* 
* @author Ben Alex
* @since 2.0.1
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
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jar/org/springframework/security/authentication/event/LogoutSuccessEvent.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/crypto/argon2/Argon2EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/annotation/CurrentSecurityContext.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/authentication/ReactiveAuthenticationManagerResolver.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/userdetails/UserDetailsPasswordService.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/expression/method/ExpressionBasedPreInvocationAdvice.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/authentication/AbstractUserDetailsReactiveAuthenticationManager.java
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jar/org/springframework/security/converter/RsaKeyConverters.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/token/SecureRandomFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authorization/AuthorizationDecision.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/core/AuthenticatedPrincipal.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/crypto/factory/PasswordEncoderFactories.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authentication/ReactiveAuthenticationManager.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/core/SpringSecurityCoreVersion.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authorization/AuthenticatedReactiveAuthorizationManager.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/crypto/password/PasswordEncoderUtils.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources.jar/org/springframework/security/core/userdetails/ReactiveUserDetailsService.java

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 */

/**
 * Determines if the {@link #getAuthentication()} has permission to access the target
 * given the permission
 * @param target the target domain object to check permission on
 * @param permission the permission to check on the domain object (i.e. "read",
 * "write", etc).
 * @return true if permission is granted to the {@link #getAuthentication()}, else
 * false
 */

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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
  jar/org/springframework/security/access/expression/method/MethodSecurityEvaluationContext.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authentication/jaas/JaasAuthenticationCallbackHandler.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/core/userdetails/memory/UserAttributeEditor.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authentication/jaas/event/JaasAuthenticationSuccessEvent.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/core/userdetails/UsernameNotFoundException.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/access/vote/AbstractAccessDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/access/vote/AbstractAccessDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-jar/org/springframework/security/authentication/InsufficientAuthenticationException.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/userdetails/UserCache.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/authentication/AuthenticationDetailsSource.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
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jar/org/springframework/security/authentication/event/AuthenticationFailureCredentialsExpiredEvent.java
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jar/org/springframework/security/access/intercept/AccessDecisionManager.java
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jar/org/springframework/security/access/session/SessionRegistry.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/session/MethodInvocationUtils.java

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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/password/PasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/keygen/HexEncodingStringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesCbcBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/encrypt/EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5.3.2-release-sources-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
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jar/org/springframework/security/core/authority/mapping/MapBasedAttributes2GrantedAuthoritiesMapper.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/authority/mapping/MapBasedAttributes2GrantedAuthoritiesMapper.java

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jar/org/springframework/security/core/CredentialsContainer.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/parameters/DefaultSecurityParameterNameDiscoverer.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/core/userdetails/memory/package-info.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/annotation/MethodExpressionBasedAnnotationAttributeFactory.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/annotation/method/ExpressionBasedAnnotationAttributeFactory.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
jar/org/springframework/security/access/annotation/method/AbstractExpressionBasedMethodConfigAttribute.java
* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.530/spring-security-core-5-3-2-release-sources-
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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.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a>
 * for more information.
 * <p>
 * For internal use only.
 *
 * @author Luke Taylor
 * @since 3.0
 * @deprecated Use java.util.Base64
 */

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* /opt/ws_local/PERMITS_SQL/1068375277_1594387306.53/0/spring-security-core-5-3-2-release-sources-
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  jar/org/springframework/security/authentication/jaas/AbstractJaasAuthenticationProvider.java
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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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 * /
 */
/**
 * Reviews the <code>Object</code> returned from a secure object invocation, being able to
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 * <p>
 * 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.
 * <p>
 * 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 getByName()</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.
 * </p>
 * @author Ben Alex
 */

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[This is the first released version of the library GPL. It is
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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 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.
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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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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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   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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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
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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Appendix: How to Apply These Terms to Your New Libraries

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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.

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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
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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.

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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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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.

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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.

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1.1126 acl 2.2.53-10

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1.1129 rubyzip 1.3.0
1.1129.1 Available under license :

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#!/usr/bin/env ruby

$VERBOSE = true

require 'rubyunit'
require 'zip'
include Zip

Dir.chdir "test"

class AbstractInputStreamTest < RUNIT::TestCase

# AbstractInputStream subclass that provides a read method
TEST_LINES = [ "Hello world#{$/}",
    "this is the second line#{$/}"
    "this is the last line"]
TEST_STRING = TEST_LINES.join
class TestAbstractInputStream
    include AbstractInputStream
    def initialize(aString)
        @contents = aString
        @readPointer = 0
    end

    def read(charsToRead)
        retVal=@contents[@readPointer, charsToRead]
        @readPointer+=charsToRead
        return retVal
    end

    def produceInput
        read(100)
    end

    def inputFinished?
        @contents[@readPointer] == nil
    end
end

def setup
    @io = TestAbstractInputStream.new(TEST_STRING)
end

def test_gets
    assert_equals(TEST_LINES[0], @io.gets)
    assert_equals(TEST_LINES[1], @io.gets)
    assert_equals(TEST_LINES[2], @io.gets)
    assert_equals(nil, @io.gets)
end

def test_getsMultiCharSeparator
    assert_equals("Hell", @io.gets("ll"))
    assert_equals("o world#{$/}this is the second l", @io.gets("d l"))
end

def test_each_line
    lineNumber=0
    @io.each_line { |
        line|
        assert_equals(TEST_LINES[lineNumber], line)
    lineNumber+=1
end

def test_readlines
  assert_equals(TEST_LINES, @io.readlines)
end

def test_readline
  test_gets
  begin
    @io.readline
    fail "EOFError expected"
    rescue EOFError
      end
  end
end

class ZipEntryTest < RUNIT::TestCase
  TEST_ZIPFILE = "someZipFile.zip"
  TEST_COMMENT = "a comment"
  TEST_COMPRESSED_SIZE = 1234
  TEST_CRC = 325324
  TEST_EXTRA = "Some data here"
  TEST_COMPRESSIONMETHOD = ZipEntry::DEFLATED
  TEST_NAME = "entry name"
  TEST_SIZE = 8432
  TEST_ISDIRECTORY = false

def test_constructorAndGetters
  entry = ZipEntry.new(TEST_ZIPFILE, TEST_NAME, TEST_COMMENT, TEST_EXTRA, TEST_COMPRESSED_SIZE, TEST_CRC, TEST_COMPRESSIONMETHOD, TEST_SIZE)
  assert_equals(TEST_COMMENT, entry.comment)
  assert_equals(TEST_COMPRESSED_SIZE, entry.compressedSize)
  assert_equals(TEST_CRC, entry.crc)
  assert_equals(TEST_EXTRA, entry.extra)
  assert_equals(TEST_COMPRESSIONMETHOD, entry.compressionMethod)
  assert_equals(TEST_NAME, entry.name)
  assert_equals(TEST_SIZE, entry.size)
  assert_equals(TEST_ISDIRECTORY, entry.isDirectory)
end
def test_equality
    entry1 = ZipEntry.new("file.zip", "name", "isNotCompared",
"something extra", 123, 1234,
ZipEntry::DEFLATED, 10000)
entry2 = ZipEntry.new("file.zip", "name", "isNotComparedXXX",
"something extra", 123, 1234,
ZipEntry::DEFLATED, 10000)
entry3 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extra", 123, 1234,
ZipEntry::DEFLATED, 10000)
entry4 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extraXX", 123, 1234,
ZipEntry::DEFLATED, 10000)
entry5 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extraXX", 12, 1234,
ZipEntry::DEFLATED, 10000)
entry6 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extraXX", 12, 123,
ZipEntry::DEFLATED, 10000)
entry7 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extraXX", 12, 123,
ZipEntry::STORED, 10000)
entry8 = ZipEntry.new("file.zip", "name2", "isNotComparedXXX",
"something extraXX", 12, 123,
ZipEntry::STORED, 10000)

assert_equals(entry1, entry1)
assert_equals(entry1, entry2)

assert(entry2 != entry3)
assert(entry3 != entry4)
assert(entry4 != entry5)
assert(entry5 != entry6)
assert(entry6 != entry7)
assert(entry7 != entry8)

assert(entry7 != "hello")
assert(entry7 != 12)
end

module IOizeString
attr_reader :tell

def read(count = nil)
    @tell ||= 0
    count = size unless count
    retVal = slice(@tell, count)
def seek(index, offset)
    @tell ||= 0
    case offset
    when IO::SEEK_END
        newPos = size + index
    when IO::SEEK_SET
        newPos = index
    when IO::SEEK_CUR
        newPos = @tell + index
    else
        raise "Error in test method IOizeString::seek"
    end
    if (newPos < 0 || newPos >= size)
        raise Errno::EINVAL
    else
        @tell = newPos
    end
end

def reset
    @tell = 0
end

class ZipLocalEntryTest < RUNIT::TestCase
    def test_readLocalEntryHeaderOfFirstTestZipEntry
        File.open(TestZipFile::TEST ZIP3.zipName) do |file|
            entry = ZipEntry.readLocalEntry(file)

            assert_equal("", entry.comment)
            # Differs from windows and unix because of CR LF
            # assert_equal(480, entry.compressedSize)
            # assert_equal(0x2a27930f, entry.crc)
            # extra field is 21 bytes long
            # probably contains some unix attributes or something
            # disabled: assert_equal(nil, entry.extra)
            assert_equal(ZipEntry::DEFLATED, entry.compressionMethod)
            assert_equal(TestZipFile::TEST ZIP3.entryNames[0], entry.name)
            assert_equal(File.size(TestZipFile::TEST ZIP3.entryNames[0]), entry.size)
            assert(! entry.isDirectory)
        end
    end
end
def test_readLocalEntryFromNonZipFile
    File.open("ziptest.rb") do |file|
        assert_equal(nil, ZipEntry.readLocalEntry(file))
    end
end

def test_readLocalEntryFromTruncatedZipFile
    zipFragment = ""
    File.open(TestZipFile::TEST_ZIP2.zipName) do |f|
        zipFragment = f.read(12) # local header is at least 30 bytes
    end
    zipFragment.extend(IO::String).reset
    entry = ZipEntry.new
    entry.readLocalEntry(zipFragment)
    fail "ZipError expected" if ZipError
rescue ZipError
end

def test_writeEntry
    entry = ZipEntry.new("file.zip", "entryName", "my little comment",
        "thisIsSomeExtraInformation", 100, 987654,
        ZipEntry::DEFLATED, 400)
    writeToFile("localEntryHeader.bin", "centralEntryHeader.bin", entry)
    entryReadLocal, entryReadCentral = readFromFile("localEntryHeader.bin", "centralEntryHeader.bin")
    compareLocalEntryHeaders(entry, entryReadLocal)
    compareCDirEntryHeaders(entry, entryReadCentral)
end

private

def compareLocalEntryHeaders(entry1, entry2)
    assert_equal(entry1.compressedSize, entry2.compressedSize)
    assert_equal(entry1.crc, entry2.crc)
    assert_equal(entry1.extra, entry2.extra)
    assert_equal(entry1.compressionMethod, entry2.compressionMethod)
    assert_equal(entry1.name, entry2.name)
    assert_equal(entry1.size, entry2.size)
    assert_equal(entry1.localHeaderOffset, entry2.localHeaderOffset)
end

def compareCDirEntryHeaders(entry1, entry2)
    compareLocalEntryHeaders(entry1, entry2)
    assert_equal(entry1.comment, entry2.comment)
end

def writeToFile(localFileName, centralFileName, entry)
    File.open(localFileName, "wb") do |f|
        entry.writeLocalEntry(f)
    end
    File.open(centralFileName, "wb") do |f|
        entry.writeCDirEntry(f)
    end
end
def readFromFile(localFileName, centralFileName)
  localEntry = nil
  cdirEntry  = nil
  File.open(localFileName,   "rb") { |f| localEntry = ZipEntry.readLocalEntry(f) }
  File.open(centralFileName, "rb") { |f| cdirEntry  = ZipEntry.readCDirEntry(f) }
  return [localEntry, cdirEntry]
end
end

module DecompressorTests
# expects @refText and @decompressor

def test_readEverything
  assert Equals(@refText, @decompressor.read)
end

def test_readInChunks
  chunkSize = 5
  while (decompressedChunk = @decompressor.read(chunkSize))
    assert equals(@refText.slice!(0, chunkSize), decompressedChunk)
  end
  assert equals(0, @refText.size)
end
end

class InflaterTest < RUNIT::TestCase
  include DecompressorTests

def setup
  @file = File.new("file1.txt.deflatedData", "rb")
  @refText=""
  File.open("file1.txt") { |f| @refText = f.read }
  @decompressor = Inflater.new(@file)
end

def teardown
  @file.close
end
end

class PassThruDecompressorTest < RUNIT::TestCase
  include DecompressorTests
  TEST_FILE="file1.txt"

def setup
  @file = File.new(TEST_FILE)
  @refText=""
end
File.open(TEST_FILE) { |f| @refText = f.read }
@decompressor = PassThruDecompressor.new(@file, File.size(TEST_FILE))
end

def teardown
  @file.close
end
end

def teardown
  @file.close
end

module AssertEntry
  def assertNextEntry(filename, zis)
    assertEntry(filename, zis, zis.getNextEntry.name)
  end

def assertEntry(filename, zis, entryName)
  assert_equals(filename, entryName)
  assertEntryContentsForStream(filename, zis, entryName)
end

def assertEntryContentsForStream(filename, zis, entryName)
  File.open(filename, "rb") { |file|
    expected = file.read
    actual   = zis.read
    if (expected != actual)
      if (expected.length > 400 || actual.length > 400)
        zipEntryFilename=entryName+.zipEntry
        File.open(zipEntryFilename, "wb") { |file| file << actual }
        fail('File '#{filename}’ is different from '#{zipEntryFilename}’
      else
        assert_equals(expected, actual)
      end
    end
  }
end

def AssertEntry.assertContents(filename, aString)
  fileContents = ""
  File.open(filename, "rb") { |f| fileContents = f.read }
  if (fileContents != aString)
    if (expected.length > 400 || actual.length > 400)
      stringFile = filename + ".other"
      File.open(stringFile, "wb") { |f| f << aString }
      fail('File '#{filename}’ is different from contents of string stored in '#{stringFile}’
    else
      assert_equals(expected, actual)
    end
def assertStreamContents(zis, testZipFile)
    assert(zis != nil)
    testZipFile.entryNames.each {
        [entryName]
        assertNextEntry(entryName, zis)
    }
    assert equals(nil, zis.getNextEntry)
end

def assertTestZipContents(testZipFile)
    ZipInputStream.open(testZipFile.zipName) {
        [zis]
        assertStreamContents(zis, testZipFile)
    }
end

def assertEntryContents(zipFile, entryName, filename = entryName.to_s)
    zis = zipFile.getInputStream(entryName)
    assertEntryContentsForStream(filename, zis, entryName)
    ensure
        zis.close if zis
end
end

class ZipInputStreamTest < RUNIT::TestCase
    include AssertEntry

def test_new
    zis = ZipInputStream.new(TestZipFile::TEST_ZIP2.zipName)
    assertStreamContents(zis, TestZipFile::TEST_ZIP2)
    zis.close
end

def test_openWithBlock
    ZipInputStream.open(TestZipFile::TEST_ZIP2.zipName) {
        [zis]
        assertStreamContents(zis, TestZipFile::TEST_ZIP2)
    }
end

def test_openWithoutBlock
    zis = ZipInputStream.open(TestZipFile::TEST_ZIP2.zipName)
    assertStreamContents(zis, TestZipFile::TEST_ZIP2)
def test_incompleteReads
  ZipInputStream.open(TestZipFile::TEST_ZIP2.zipName) {
    |zis|
    entry = zis.getNextEntry
    assert_equals(TestZipFile::TEST_ZIP2.entryNames[0], entry.name)
    assert zis.gets.length > 0
    entry = zis.getNextEntry
    assert_equals(TestZipFile::TEST_ZIP2.entryNames[1], entry.name)
    assert_equals(0, entry.size)
    assert_equals(nil, zis.gets)
    entry = zis.getNextEntry
    assert_equals(TestZipFile::TEST_ZIP2.entryNames[2], entry.name)
    assert zis.gets.length > 0
    entry = zis.getNextEntry
    assert_equals(TestZipFile::TEST_ZIP2.entryNames[3], entry.name)
    assert zis.gets.length > 0
  }
end
end

class TestFiles
  RANDOM_ASCII_FILE1 = "randomAscii1.txt"
  RANDOM_ASCII_FILE2 = "randomAscii2.txt"
  RANDOM_ASCII_FILE3 = "randomAscii3.txt"
  RANDOM_BINARY_FILE1 = "randomBinary1.bin"
  RANDOM_BINARY_FILE2 = "randomBinary2.bin"

  EMPTY_TEST_DIR = "emptytestdir"

  ASCII_TEST_FILES = [ RANDOM_ASCII_FILE1, RANDOM_ASCII_FILE2, RANDOM_ASCII_FILE3 ]
  BINARY_TEST_FILES = [ RANDOM_BINARY_FILE1, RANDOM_BINARY_FILE2 ]
  TEST_DIRECTORIES = [ EMPTY_TEST_DIR ]
  TEST_FILES = [ ASCII_TEST_FILES, BINARY_TEST_FILES, EMPTY_TEST_DIR ].flatten!

  def TestFiles.createTestFiles(recreate)
    if (recreate || ! (TEST_FILES.inject(true) { |accum, element| accum && File.exists?(element) }))
      ASCII_TEST_FILES.each_with_index {
        |filename, index|
        createRandomAscii(filename, 1E4 * (index+1))
      }

      BINARY_TEST_FILES.each_with_index {
        |filename, index|
      }
    end
  end
createRandomBinary(filename, 1E4 * (index+1))
}

ensureDir(EMPTY_TEST_DIR)
end
end

private
def TestFiles.createRandomAscii(filename, size)
  File.open(filename, "wb") {
    file
    while (file.tell < size)
      file << rand
    end
  }
end
def TestFiles.createRandomBinary(filename, size)
  File.open(filename, "wb") {
    file
    while (file.tell < size)
      file << rand.to_a.pack("V")
    end
  }
end
def TestFiles.ensureDir(name)
  if File.exists?(name)
    return if File.stat(name).directory?
    File.delete(name)
  end
  Dir.mkdir(name)
end
end

# For representation and creation of
# test data
class TestZipFile
  attr_accessor :zipName, :entryNames, :comment
  def initialize(zipName, entryNames, comment = "")
    @zipName=zipName
    @entryNames=entryNames
    @comment = comment
  end
  def TestZipFile.createTestZips(recreate)
files = Dir.entries(".")
if (recreate ||
    ! (files.index(TEST_ZIP1.zipName) &&
      files.index(TEST_ZIP2.zipName) &&
      files.index(TEST_ZIP3.zipName) &&
      files.index(TEST_ZIP4.zipName) &&
      files.index("empty.txt") &&
      files.index("short.txt") &&
      files.index("longAscii.txt") &&
      files.index("longBinary.bin") )
  raise "failed to create test zip '#{TEST_ZIP1.zipName}'" unless
  system("zip '#{TEST_ZIP1.zipName}' ziptest.rb")
  raise "failed to remove entry from '#{TEST_ZIP1.zipName}'" unless
  system("zip '#{TEST_ZIP1.zipName}' -d ziptest.rb")

  File.open("empty.txt", "w") {
    File.open("short.txt", "w") { |file| file << "ABCDEF" }
    ziptestTxt="" 
    File.open("ziptest.rb") { |file| ziptestTxt=file.read }
    File.open("longAscii.txt", "w") {
      while (file.tell < 1E5)
        file << ziptestTxt
      end
    }
    testBinaryPattern=""
    File.open("empty.zip") { |file| testBinaryPattern=file.read }
    testBinaryPattern *= 4
    File.open("longBinary.bin", "wb") {
      while (file.tell < 3E5)
        file << testBinaryPattern << rand
      end
      raise "failed to create test zip '#{TEST_ZIP2.zipName}'" unless
      system("zip '#{TEST_ZIP2.zipName}' #{TEST_ZIP2.entryNames.join(' ')}")
      raise "failed to add comment to test zip '#{TEST_ZIP2.zipName}'" unless
      system("bash -c "echo '#{TEST_ZIP2.comment} | zip -z '#{TEST_ZIP2.zipName}""")
      raise "failed to create test zip '#{TEST_ZIP3.zipName}'" unless
      system("zip '#{TEST_ZIP3.zipName}' #{TEST_ZIP3.entryNames.join(' ')}")
raise "failed to create test zip '#{TEST_ZIP4.zipName}'" unless system("zip '#{TEST_ZIP4.zipName}' #{TEST_ZIP4.entryNames.join(' ')}")
end
rescue
  raise $!.to_s +
  "\n\nziptest.rb requires the Info-ZIP program 'zip' in the path\n" +
  "to create test data. If you don't have it you can download\n" +
  "the necessary test files at http://sf.net/projects/rubyzip."
end

TEST_ZIP1 = TestZipFile.new("empty.zip", [])
TEST_ZIP2 = TestZipFile.new("4entry.zip", %w{ longAscii.txt empty.txt short.txt longBinary.bin},
  "my zip comment")
TEST_ZIP3 = TestZipFile.new("test1.zip", %w{ file1.txt })
TEST_ZIP4 = TestZipFile.new("zipWithDir.zip", [ "file1.txt", TestFiles::EMPTY_TEST_DIR])
end

class AbstractOutputStreamTest < RUNIT::TestCase
  class TestOutputStream
    include AbstractOutputStream

    attr_accessor :buffer

    def initialize
      @buffer = ""
    end

    def << (data)
      @buffer << data
      self
    end
  end

  def setup
    @outputStream = TestOutputStream.new
    @origCommaSep = $,
    @origOutputSep = $\n  end

  def teardown
    $, = @origCommaSep
    $\ = @origOutputSep
  end

  def test_write
count = @outputStream.write("a little string")
assert_equals("a little string", @outputStream.buffer)
assert_equals("a little string".length, count)

count = @outputStream.write(". a little more")
assert_equals("a little string. a little more", @outputStream.buffer)
assert_equals(". a little more".length, count)
end

def test_print
  $\ = nil # record separator set to nil
  @outputStream.print("hello")
  assert_equals("hello", @outputStream.buffer)

  @outputStream.print(" world.")
  assert_equals("hello world.", @outputStream.buffer)

  @outputStream.print(" You ok ", "out ", "there?")
  assert_equals("hello world. You ok out there?", @outputStream.buffer)

  $\ = "\n"
  @outputStream.print
  assert_equals("hello world. You ok out there?\n", @outputStream.buffer)

  @outputStream.print("I sure hope so!")
  assert_equals("hello world. You ok out there?\nI sure hope so!\n", @outputStream.buffer)

  $\ = "X"
  @outputStream.buffer = ""
  @outputStream.print("monkey", "duck", "zebra")
  assert_equals("monkeyXduckXzebra\n", @outputStream.buffer)

  $\ = nil
  @outputStream.buffer = ""
  @outputStream.print(20)
  assert_equals("20", @outputStream.buffer)
end

def test_printf
  @outputStream.printf("%d %04x", 123, 123)
  assert_equals("123 007b", @outputStream.buffer)
end

def test_putchar
  @outputStream.putc("A")
  assert_equals("A", @outputStream.buffer)
  @outputStream.putc(65)
  assert_equals("AA", @outputStream.buffer)
def test_puts
    @outputStream.puts
    assert_equals("\n", @outputStream.buffer)

    @outputStream.puts("hello", "world")
    assert_equals("\nhello\nworld\n", @outputStream.buffer)

    @outputStream.buffer = ""
    @outputStream.puts("hello\n", "world\n")
    assert_equals("hello\nworld\n", @outputStream.buffer)

    @outputStream.buffer = ""
    @outputStream.puts(["hello\n", "world\n"])  
    assert_equals("hello\nworld\n", @outputStream.buffer)

    @outputStream.buffer = ""
    @outputStream.puts(["hello\n", "world\n"], "bingo")
    assert_equals("hello\nworld\nbingo\n", @outputStream.buffer)

    @outputStream.buffer = ""
    @outputStream.puts(16, 20, 50, "hello")
    assert_equals("16\n20\n50\nhello\n", @outputStream.buffer)
end

module CrcTest
  def runCrcTest(compressorClass)
    str = "Here's a nice little text to compute the crc for! Ho hum, it is nice nice nice nice indeed.
    fakeOut = AbstractOutputStreamTest::TestOutputStream.new

    deflater = compressorClass.new(fakeOut)
    deflater << str
    assert_equals(0x919920fc, deflater.crc)
  end
end

class PassThruCompressorTest < RUNIT::TestCase
  include CrcTest

  def test_size
    File.open("dummy.txt", "wb") {
      |file|
      compressor = PassThruCompressor.new(file)
def test_outputOperator
  txt = loadFile("ziptest.rb")
  deflate(txt, "deflatertest.bin")
  inflatedTxt = inflate("deflatertest.bin")
  assert_equals(txt, inflatedTxt)
end

private
def loadFile(fileName)
  txt = nil
  File.open(fileName, "rb") { |f| txt = f.read }
end

def deflate(data, fileName)
  File.open(fileName, "wb") {
    [file]
    deflater = Deflater.new(file)
    deflater << data
    deflater.finish
    assert_equals(deflater.size, data.size)
    file << "trailing data for zlib with -MAX_WBITS"
  }
end

class DeflaterTest < RUNIT::TestCase
  include CrcTest

  def test_crc
    runCrcTest(PassThruCompressor)
  end
end

assert_equals(0, compressor.size)

s1 = "hello world"
s2 = ""
s3 = "bingo"

compressor << s1
assert_equals(compressor.size, s1.size)

compressor << s2
assert_equals(compressor.size, s1.size + s2.size)

compressor << s3
assert_equals(compressor.size, s1.size + s2.size + s3.size)
}
def inflate(fileName)
    txt = nil
    File.open(fileName, "rb") {
        |file|
        inflater = Inflater.new(file)
        txt = inflater.read
    }
end

def test_crc
    runCrcTest(Deflater)
end
end

class ZipOutputStreamTest < RUNIT::TestCase
    include AssertEntry

    TEST_ZIP = TestZipFile::TEST_ZIP2.clone
    TEST_ZIP.zipName = "output.zip"

    def test_new
        zos = ZipOutputStream.new(TEST_ZIP.zipName)
        zos.comment = TEST_ZIP.comment
        writeTestZip(zos)
        zos.close
        assertTestZipContents(TEST_ZIP)
    end

    def test_open
        ZipOutputStream.open(TEST_ZIP.zipName) {
            |zos|
            zos.comment = TEST_ZIP.comment
            writeTestZip(zos)
        }
        assertTestZipContents(TEST_ZIP)
    end

    def test_writingToClosedStream
        assertIOErrorInClosedStream { |zos| zos << "hello world" }
        assertIOErrorInClosedStream { |zos| zos.puts "hello world" }
        assertIOErrorInClosedStream { |zos| zos.write "hello world" }
    end

    def test_cannotOpenFile
        name = TestFiles::EMPTY_TEST_DIR
        begin

        end
    end
zos = ZipOutputStream.open(name)
rescue Exception
  assert($!.kind_of?(Errno::EISDIR) || # Linux
    $!.kind_of?(Errno::EEXIST) || # Windows/cygwin
    $!.kind_of?(Errno::EACCES), # Windows
    "Expected Errno::EISDIR (or on win/cygwin: Errno::EEXIST), but was: #$!.type")
end
end

def assertIOExceptionInClosedStream
  assert_exception(IOError) {
    zos = ZipOutputStream.new("test_putOnClosedStream.zip")
    zos.close
    yield zos
  }
end

def writeTestZip(zos)
  TEST_ZIP.entryNames.each {
    |entryName|
    zos.putNextEntry(entryName)
    File.open(entryName, "rb") { |f| zos.write(f.read) }
  }
end
end

module Enumerable
  def compareEnumerables(otherEnumerable)
    otherAsArray = otherEnumerable.to_a
    index=0
    each_with_index {
      |element, index|
      return false unless yield(element, otherAsArray[index])
    }
    return index+1 == otherAsArray.size
  end
end

class ZipCentralDirectoryEntryTest < RUNIT::TestCase

  def test_readFromStream
    File.open("testDirectory.bin", "rb") { |file|
      entry = ZipEntry.readCDirEntry(file)
    }
end

  def compareEnumerables(otherEnumerable)
    otherAsArray = otherEnumerable.to_a
    index=0
    each_with_index {
      |element, index|
      return false unless yield(element, otherAsArray[index])
    }
    return index+1 == otherAsArray.size
  end
end
assert_equal("longAscii.txt", entry.name)
assert_equal(ZipEntry::DEFLATED, entry.compressionMethod)
assert_equal(106490, entry.size)
assert_equal(3784, entry.compressedSize)
assert_equal(0xfcd1799c, entry.crc)
assert_equal("", entry.comment)

entry = ZipEntry.readCDirEntry(file)
assert_equal("empty.txt", entry.name)
assert_equal(ZipEntry::STORED, entry.compressionMethod)
assert_equal(0, entry.size)
assert_equal(0, entry.compressedSize)
assert_equal(0x0, entry.crc)
assert_equal("", entry.comment)

entry = ZipEntry.readCDirEntry(file)
assert_equal("short.txt", entry.name)
assert_equal(ZipEntry::STORED, entry.compressionMethod)
assert_equal(6, entry.size)
assert_equal(6, entry.compressedSize)
assert_equal(0xbb76fe69, entry.crc)
assert_equal("", entry.comment)

entry = ZipEntry.readCDirEntry(file)
assert_equal("longBinary.bin", entry.name)
assert_equal(ZipEntry::DEFLATED, entry.compressionMethod)
assert_equal(1000024, entry.size)
assert_equal(70847, entry.compressedSize)
assert_equal(0x10da7d59, entry.crc)
assert_equal("", entry.comment)

entry = ZipEntry.readCDirEntry(file)
assert_equal(nil, entry)

# Fields that are not check by this test:
#          version made by                 2 bytes
#          version needed to extract       2 bytes
#          general purpose bit flag        2 bytes
#          last mod file time              2 bytes
#          last mod file date              2 bytes
#          compressed size                 4 bytes
#          uncompressed size               4 bytes
#          disk number start               2 bytes
#          internal file attributes        2 bytes
#          external file attributes        4 bytes
#          relative offset of local header 4 bytes

#          file name (variable size)
#          extra field (variable size)
def test_ReadEntryFromTruncatedZipFile
    fragment=""
    File.open("testDirectory.bin") { |f| fragment = f.read(12) } # cdir entry header is at least 46 bytes
    fragment.extend(IOizeString)
    entry = ZipEntry.new
    entry.readCDirEntry(fragment)
    fail "ZipError expected"
rescue ZipError
end

class ZipCentralDirectoryTest < RUNIT::TestCase

    def test_readFromStream
        File.open(TestZipFile::TEST_ZIP2.zipName, "rb") { 
            [zipFile]
            cdir = ZipCentralDirectory.readFromStream(zipFile)

            assert_equals(TestZipFile::TEST_ZIP2.entryNames.size, cdir.size)
            assert(cdir.compareEnumerables(TestZipFile::TEST_ZIP2.entryNames) { 
                [cdirEntry, testEntryName]
                cdirEntry.name == testEntryName
            })
            assert_equals(TestZipFile::TEST_ZIP2.comment, cdir.comment)
        }
    end

    def test_readFromInvalidStream
        File.open("ziptest.rb", "rb") { 
            [zipFile]
            cdir = ZipCentralDirectory.new
            cdir.readFromStream(zipFile)
        }
        fail "ZipError expected!"
        rescue ZipError
    end

    def test_ReadFromTruncatedZipFile
        fragment=""
        File.open("testDirectory.bin") { |f| fragment = f.read }
        fragment.slice!(12) # removed part of first cdir entry. eocd structure still complete
        fragment.extend(IOizeString)
entry = ZipCentralDirectory.new
entry.readFromStream(fragment)
fail "ZipError expected"
rescue ZipError
end

def test_writeToStream
entries = [ ZipEntry.new("file.zip", "flimse", "myComment", "somethingExtra"),
ZipEntry.new("file.zip", "secondEntryName"),
ZipEntry.new("file.zip", "lastEntry.txt", "Has a comment too") ]
cdir = ZipCentralDirectory.new(entries, "my zip comment")
File.open("cdirtest.bin", "wb") { |f| cdir.writeToStream(f) }
cdirReadback = ZipCentralDirectory.new
File.open("cdirtest.bin", "rb") { |f| cdirReadback.readFromStream(f) }

assert_equals(cdir.entries, cdirReadback.entries)
end

def test_equality
cdir1 = ZipCentralDirectory.new([ ZipEntry.new("file.zip", "flimse", nil,
"somethingExtra"),
ZipEntry.new("file.zip", "secondEntryName"),
ZipEntry.new("file.zip", "lastEntry.txt") ],
"my zip comment")
cdir2 = ZipCentralDirectory.new([ ZipEntry.new("file.zip", "flimse", nil,
"somethingExtra"),
ZipEntry.new("file.zip", "secondEntryName"),
ZipEntry.new("file.zip", "lastEntry.txt") ],
"my zip comment")
cdir3 = ZipCentralDirectory.new([ ZipEntry.new("file.zip", "flimse", nil,
"somethingExtra"),
ZipEntry.new("file.zip", "secondEntryName"),
ZipEntry.new("file.zip", "lastEntry.txt") ],
"comment?")
cdir4 = ZipCentralDirectory.new([ ZipEntry.new("file.zip", "flimse", nil,
"somethingExtra"),
ZipEntry.new("file.zip", "lastEntry.txt") ],
"comment?")
assert_equals(cdir1, cdir1)
assert_equals(cdir1, cdir2)
assert(cdir1 != cdir3)
assert(cdir2 != cdir3)
assert(cdir2 != cdir3)
assert(cdir3 != cdir4)
assert(cdir3 != "hello")
end
class BasicZipFileTest < RUNIT::TestCase
  include AssertEntry

  def setup
    @zipFile = ZipFile.new(TestZipFile::TEST_ZIP2.zipName)
    @testEntryNameIndex=0
  end

  def nextTestEntryName
    retVal=TestZipFile::TEST_ZIP2.entryNames[@testEntryNameIndex]
    @testEntryNameIndex+=1
    return retVal
  end

  def test_entries
    assert_equals(TestZipFile::TEST_ZIP2.entryNames, @zipFile.entries.map {|e| e.name} )
  end

  def test_each
    @zipFile.each { |entry|
      assert_equals(nextTestEntryName, entry.name)
    }
    assert_equals(4, @testEntryNameIndex)
  end

  def test_foreach
    ZipFile.foreach(TestZipFile::TEST_ZIP2.zipName) { |entry|
      assert_equals(nextTestEntryName, entry.name)
    }
    assert_equals(4, @testEntryNameIndex)
  end

  def test_getInputStream
    @zipFile.each { |entry|
      assertEntry(nextTestEntryName, @zipFile.getInputStream(entry), entry.name)
    }
    assert_equals(4, @testEntryNameIndex)
  end

  def test_getInputStreamBlock
    fileAndEntryName = @zipFile.entries.first.name
@zipFile.getInputStream(fileAndEntryName) {
  [zis]
  assertEntryContentsForStream(fileAndEntryName, zis, fileAndEntryName)
}
end
end

class CommonZipFileFixture < RUNIT::TestCase
  include AssertEntry

  EMPTY_FILENAME = "emptyZipFile.zip"

  TEST_ZIP = TestZipFile::TEST_ZIP2.clone
  TEST_ZIP.zipName = "4entry_copy.zip"

  def setup
    File.delete(EMPTY_FILENAME) if File.exists?(EMPTY_FILENAME)
    File.copy(TestZipFile::TEST_ZIP2.zipName, TEST_ZIP.zipName)
  end
end

class ZipFileTest < CommonZipFileFixture

  def test_createFromScratch
    comment = "a short comment"

    zf = ZipFile.new(EMPTY_FILENAME, ZipFile::CREATE)
    zf.comment = comment
    zf.close

    zfRead = ZipFile.new(EMPTY_FILENAME)
    assert_equals(comment, zfRead.comment)
    assert_equals(0, zfRead.entries.length)
  end

  def test_add
    srcFile = "ziptest.rb"
    entryName = "newEntryName.rb"
    assert(File.exists? srcFile)
    zf = ZipFile.new(EMPTY_FILENAME, ZipFile::CREATE)
    zf.add(entryName, srcFile)
    zf.close

    zfRead = ZipFile.new(EMPTY_FILENAME)
    assert_equals("", zfRead.comment)
    assert_equals(1, zfRead.entries.length)
  end

end
assert_equals(entryName, zfRead.entries.first.name)
AssertEntry.assertContents(srcFile, 
    zfRead.getInputStream(entryName) { |zis| zis.read })
end

def test_addExistingEntryName
    assert_exception(ZipEntryExistsError) { 
        ZipFile.open(TEST_ZIP.zipName) { 
            [zf]
            zf.add(zf.entries.first.name, "ziptest.rb")
        } 
    }
end

def test_addExistingEntryNameReplace
    gotCalled = false
    replacedEntry = nil
    ZipFile.open(TEST_ZIP.zipName) { 
        [zf]
        replacedEntry = zf.entries.first.name
        zf.add(replacedEntry, "ziptest.rb") { gotCalled = true; true }
    }
    assert(gotCalled)
    ZipFile.open(TEST_ZIP.zipName) { 
        [zf]
        assertContains(zf, replacedEntry, "ziptest.rb")
    }
end

def test_addDirectory
    ZipFile.open(TEST_ZIP.zipName) { 
        [zf]
        zf.add(TestFiles::EMPTY_TEST_DIR, TestFiles::EMPTY_TEST_DIR)
    }
    ZipFile.open(TEST_ZIP.zipName) { 
        [zf]
        dirEntry = zf.entries.detect { e.name == TestFiles::EMPTY_TEST_DIR+"/" }
        assert(dirEntry.isDirectory)
    }
end

def test_remove
    entryToRemove, *remainingEntries = TEST_ZIP.entryNames
    File.copy(TestZipFile::TEST_ZIP2.zipName, TEST_ZIP.zipName)
    zf = ZipFile.new(TEST_ZIP.zipName)
    assert(zf.entries.map { e.name }.include?(entryToRemove))
zf.remove(entryToRemove)
assert(! zf.entries.map { |e| e.name }.include?(entryToRemove))
assert_equal(zf.entries.map { |x| x.name }.sort, remainingEntries.sort)
zf.close

zfRead = ZipFile.new(TEST_ZIP.zipName)
assert(! zfRead.entries.map { |e| e.name }.include?(entryToRemove))
assert_equal(zfRead.entries.map { |x| x.name }.sort, remainingEntries.sort)
zfRead.close
end

def test_rename
  entryToRename, *remainingEntries = TEST_ZIP.entryNames

 zf = ZipFile.new(TEST_ZIP.zipName)
  assert(zf.entries.map { |e| e.name }.include? entryToRename)

  newName = "changed name"
  assert(! zf.entries.map { |e| e.name }.include?(newName))

  zf.rename(entryToRename, newName)
  assert(zf.entries.map { |e| e.name }.include? newName)
  zf.close

  zfRead = ZipFile.new(TEST_ZIP.zipName)
  assert(zfRead.entries.map { |e| e.name }.include? newName)
  zfRead.close
end

def test_renameToExistingEntry
  oldEntries = nil
  ZipFile.open(TEST_ZIP.zipName) { |zf| oldEntries = zf.entries }

  assert_exception(ZipEntryExistsError) { 
    ZipFile.open(TEST_ZIP.zipName) {
      zf.rename(zf.entries[0], zf.entries[1].name)
    }
  }
  ZipFile.open(TEST_ZIP.zipName) {
    zf.rename(zf.entries[0], zf.entries[1].name)
  }
end
---

```ruby
def test_renameToExistingEntryOverwrite
  oldEntries = nil
  ZipFile.open(TEST_ZIP.zipName) { |zf| oldEntries = zf.entries }

  gotCalled = false
  ZipFile.open(TEST_ZIP.zipName) {
    [zf]
    zf.rename(zf.entries[0], zf.entries[1].name) { gotCalled = true; true }
  }

  assert(gotCalled)
  oldEntries.delete_at(0)
  ZipFile.open(TEST_ZIP.zipName) {
    [zf]
    assert_equal(oldEntries.map{ |e| e.name },
                zf.entries.map{ |e| e.name })
  }
end

def test_renameNonEntry
  nonEntry = "bogusEntry"
  targetEntry = "targetEntryName"
  zf = ZipFile.new(TEST_ZIP.zipName)
  assert(!zf.entries.include?(nonEntry))
  assert_exception(ZipNoSuchEntryError) {
    zf.rename(nonEntry, targetEntry)
  }
  zf.commit
  assert(!zf.entries.include?(targetEntry))
ensure
  zf.close
end

def test_renameEntryToExistingEntry
  entry1, entry2, *remaining = TEST_ZIP.entryNames
  zf = ZipFile.new(TEST_ZIP.zipName)
  assert_exception(ZipEntryExistsError) {
    zf.rename(entry1, entry2)
  }
ensure
  zf.close
end

def test_replace
  unchangedEntries = TEST_ZIP.entryNames.dup
  entryToReplace = unchangedEntries.delete_at(2)
  newEntrySrcFilename = "ziptest.rb"
```
zf = ZipFile.new(TEST_ZIP.zipName)
zf.replace(entryToReplace, newEntrySrcFilename)

close

zfRead = ZipFile.new(TEST_ZIP.zipName)
AssertEntry::assertContents(newEntrySrcFilename,
zfRead.getInputStream(entryToReplace) { |is| is.read })
zfRead.close
end

def test_replaceNonEntry
  entryToReplace = "nonExistingEntryname"
  ZipFile.open(TEST_ZIP.zipName) { |zf|
    assert_exception(ZipNoSuchEntryError) {
      zf.replace(entryToReplace, "ziptest.rb")
    }
  }
end

def test_commit
  newName = "renamedFirst"
  zf = ZipFile.new(TEST_ZIP.zipName)
  oldName = zf.entries.first
  zf.rename(oldName, newName)
  zf.commit

  zfRead = ZipFile.new(TEST_ZIP.zipName)
  assert(zfRead.entries.detect { |e| e.name == newName } != nil)
  assert(zfRead.entries.detect { |e| e.name == oldName } == nil)
  zfRead.close

close
end

# This test tests that after commit, you
# can delete the file you used to add the entry to the zip file
# with

def test_commitUseZipEntry
  File.copy(TestFiles::RANDOM.ASCII_FILE1, "okToDelete.txt")
  zf = ZipFile.open(TEST_ZIP.zipName)
  zf.add("okToDelete.txt", "okToDelete.txt")
  assertContains(zf, "okToDelete.txt")
  zf.commit
  File.move("okToDelete.txt", "okToDeleteMoved.txt")
  assertContains(zf, "okToDelete.txt", "okToDeleteMoved.txt")
end

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```ruby
# def test_close
# zf = ZipFile.new(TEST_ZIP.zipName)
# zf.close
# assert_exception(IOError) {
# zf.extract(TEST_ZIP.entryNames.first, "hullubullu")
# }
# end

def test_compound1
  renamedName = "renamedName"
  originalEntries = []
  begin
    zf = ZipFile.new(TEST_ZIP.zipName)
    originalEntries = zf.entries.dup

    assertNotNullContains(zf, TestFiles::RANDOM.ASCII_FILE1)
    zf.add(TestFiles::RANDOM.ASCII_FILE1, TestFiles::RANDOM.ASCII_FILE1)
    assertNotNullContains(zf, TestFiles::RANDOM.ASCII_FILE1)

    zf.rename(zf.entries[0], renamedName)
    assertNotNullContains(zf, renamedName)

    TestFiles::BINARY_TEST_FILES.each { |filename|
      zf.add(filename, filename)
      assertNotNullContains(zf, filename)
    }

    assertNotNullContains(zf, originalEntries.last.to_s)
    zf.remove(originalEntries.last.to_s)
    assertNotNullContains(zf, originalEntries.last.to_s)
  ensure
    zf.close
  end
begin
  zfRead = ZipFile.new(TEST_ZIP.zipName)
  assertNotNullContains(zfRead, TestFiles::RANDOM.ASCII_FILE1)
  assertNotNullContains(zfRead, renamedName)
  TestFiles::BINARY_TEST_FILES.each { |filename|
    assertNotNullContains(zfRead, filename)
  }
  ensure
    zfRead.close
```

def test_compound2
    begin
        zf = ZipFile.new(TEST_ZIP.zipName)
        originalEntries = zf.entries.dup

        originalEntries.each {
            entry
            zf.remove(entry)
            assertNotContains(zf, entry)
        }
        assert(zf.entries.empty?)

        TestFiles::ASCII_TEST_FILES.each {
            filename
            zf.add(filename, filename)
            assertContains(zf, filename)
        }
        assert_equals(zf.entries.map { |e| e.name }, TestFiles::ASCII_TEST_FILES)

        zf.rename(TestFiles::ASCII_TEST_FILES[0], "newName")
        assertNotContains(zf, TestFiles::ASCII_TEST_FILES[0])
        assertContains(zf, "newName")
        ensure
        zf.close
    end
end

begin
    zfRead = ZipFile.new(TEST_ZIP.zipName)
    asciiTestFiles = TestFiles::ASCII_TEST_FILES.dup
    asciiTestFiles.shift
    asciiTestFiles.each {
        filename
        assertContains(zf, filename)
    }
    assertContains(zf, "newName")
    ensure
    zfRead.close
end
end

private
def assertContains(zf, entryName, filename = entryName)
    assert(zf.entries.detect { |e| e.name == entryName } != nil, "entry #{entryName} not in #{zf.entries.join(', ')} in zip file #{zf}")
    assertEntryContents(zf, entryName, filename) if File.exists?(filename)
def assertNotContains(zf, entryName)
    assert(zf.entries.detect { |e| e.name == entryName } == nil, "entry #{entryName} in #{zf.entries.join(', ')} in zip file #{zf}"
end

class ZipFileExtractTest < CommonZipFileFixture
    EXTRACTED_FILENAME = "extEntry"
    ENTRY_TO_EXTRACT, *REMAINING_ENTRIES = TEST_ZIP.entryNames.reverse

    def setup
        super
        File.delete(EXTRACTED_FILENAME) if File.exists?(EXTRACTED_FILENAME)
    end

    def test_extract
        ZipFile.open(TEST_ZIP.zipName) { |zf|
            zf.extract(ENTRY_TO_EXTRACT, EXTRACTED_FILENAME)

            assert(File.exists?(EXTRACTED_FILENAME))
            AssertEntry::assertContents(EXTRACTED_FILENAME, zf.getInputStream(ENTRY_TO_EXTRACT) { |is| is.read })
        }
    end

    def test_extractExists
        writtenText = "written text"
        File.open(EXTRACTED_FILENAME, "w") { |f| f.write(writtenText) }

        assert_exception(ZipDestinationFileExistsError) { |zf|
            zf.extract(zf.entries.first, EXTRACTED_FILENAME)
        }

        File.open(EXTRACTED_FILENAME, "r") { |f|
            assert_equals(writtenText, f.read)
        }
    end

    def test_extractExistsOverwrite
        writtenText = "written text"
        File.open(EXTRACTED_FILENAME, "w") { |f| f.write(writtenText) }

        ZipFile.open(TEST_ZIP.zipName) { |zf|
            zf.extract(zf.entries.first, EXTRACTED_FILENAME)
        }
    end
end
gotCalled = false
ZipFile.open(TEST_ZIP.zipName) {
  [zf]
  zf.extract(zf.entries.first, EXTRACTED_FILENAME) { gotCalled = true; true }
}

assert(gotCalled)
File.open(EXTRACTED_FILENAME, "r") {
  [f]
  assert(writtenText != f.read)
}
end

def test_extractNonEntry
  zf = ZipFile.new(TEST_ZIP.zipName)
  assert_exception(ZipNoSuchEntryError) { zf.extract("nonExistingEntry", "nonExistingEntry") }
ensure
  zf.close if zf
end

def test_extractNonEntry2
  outFile = "outfile"
  assert_exception(ZipNoSuchEntryError) {
    zf = ZipFile.new(TEST_ZIP.zipName)
    nonEntry = "hotdog-diddelidoo"
    assert(! zf.entries.include?(nonEntry))
    zf.extract(nonEntry, outFile)
    zf.close
  }
  assert(! File.exists?(outFile))
end
end

class ZipFileExtractDirectoryTest < CommonZipFileFixture
  TEST_OUT_NAME = "emptyOutDir"

  def openZip(&aProc)
    assert(aProc != nil)
    ZipFile.open(TestZipFile::TEST_ZIP4.zipName, &aProc)
  end

def extractTestDir(&aProc)
  openZip { [zf]
    zf.extract(TestFiles::EMPTY_TEST_DIR, TEST_OUT_NAME, &aProc)
  }
end

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def setup
    super

    Dir.rmdir(TEST_OUT_NAME) if File.directory? TEST_OUT_NAME
    File.delete(TEST_OUT_NAME) if File.exists? TEST_OUT_NAME
end

def test_extractDirectory
    extractTestDir
    assert(File.directory? TEST_OUT_NAME)
end

def test_extractDirectoryExistsAsDir
    Dir.mkdir TEST_OUT_NAME
    extractTestDir
    assert(File.directory? TEST_OUT_NAME)
end

def test_extractDirectoryExistsAsFile
    File.open(TEST_OUT_NAME, "w") { |f| f.puts "something" }
    assert_exception(ZipDestinationFileExistsError) { extractTestDir }
end

def test_extractDirectoryExistsAsFileOverwrite
    File.open(TEST_OUT_NAME, "w") { |f| f.puts "something" }
    gotCalled = false
    extractTestDir { |
        entry, destPath|
        gotCalled = true
        assert_equals(TEST_OUT_NAME, destPath)
        assert(entry.isDirectory)
        true
    }
    assert(gotCalled)
    assert(File.directory? TEST_OUT_NAME)
end

TestFiles::createTestFiles(ARGV.index("recreate") != nil ||
    ARGV.index("recreateonly") != nil)
TestZipFile::createTestZips(ARGV.index("recreate") != nil ||
    ARGV.index("recreateonly") != nil)
exit if ARGV.index("recreateonly") != nil

#require 'runit/cui/testrunner'
#RUNIT::CUI::TestRunner.run(ZipFileTest.suite)
# Copyright (C) 2002 Thomas Sondergaard
# rubyzip is free software; you can redistribute it and/or
# modify it under the terms of the ruby license.

Found in path(s):
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/test/data/file2.txt
No license file was found, but licenses were detected in source scan.

# Path Traversal Samples


License: MIT

Found in path(s):
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/test/data/path_traversal/jwilk/README.md
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/entry_set.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/deflater.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/pass_thru_decompressor.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/filesystem.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/input_stream.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/output_stream.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/crypto/null_encryption.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/crypto/traditional_encryption.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/crypto/encryption.rb
* /opt/cola/permits/1156532459_1619204872.97/0/rubyzip-1-3-0-1-gem/data-tar-gz/lib/zip/central_directory.rb
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```
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*/
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*/
*/
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```
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*/

Found in path(s):
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeFileSelectorProvider.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeSelectableChannel.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeSocketChannel.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeServerSocketChannel.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeDeviceChannel.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/KQSelector.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/Native.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/NativeSelectorProvider.java
* /opt/cola/permits/1243282729_1639617230.29/0/jnr-enxio-0-32-10-sources-
jar/jnr/enxio/channels/KQSelectionKey.java

1.1131 faraday-excon 1.1.0

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1.1132 notary 0.7.0

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goproperties - properties file decoder for Go

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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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
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 the various releases.

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1.1142 kubernetes-klog 2.0.0

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1.1143 jackson-databind 2.11.2

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### 1.1144 pcre2 10.36-2

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1.1145 simpleclient 0.8.1

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1.1150 jackson-annotations 2.8.11

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1.1151 libxmu 1.1.2-2+b3

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1.1152 uclibc 0.9.33.2

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you may include it directly
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using # comment style to be complete

let me know how it works with your libc
also pass on any new tests you cook up

On Wed, 1 Mar 2006 20:15:02 +0100 (CET) Peter S. Mazinger wrote:
> Hello Glenn!

> I would want to add testregex.c and the related *.dat files to the uClibc
testsuite. uClibc is licensed under LGPL v2.1. I haven't found any
> licensing related info on testregex.
> Is it allowed to use the code there, or should I accomodate the testsuite
> to download the needed files from the original site each time it is ran?

> Thanks, Peter

> --
> Peter S. Mazinger <ps dot m at gmx dot net>           ID: 0xA5F059F2
> Key fingerprint = 92A4 31E1 56BC 3D5A 2D08  BB6E C389 975E A5F0 59F2
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1.1153 opensaml-soap-api 3.3.0

1.1154 logrus 1.5.0
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* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/misc/JTreeStringTemplatePanel.java
* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/misc/StringTemplateTreeView.java

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```java
package org.antlr.stringtemplate.language;
import org.antlr.stringtemplate.*;
import java.io.*;

/** A parser used to break up a single template into chunks, text literals *
and attribute expressions. */
class TemplateParser extends Parser {

protected StringTemplate self;

public void reportError(RecognitionException e) {
    StringTemplateGroup group = self.getGroup();
    if ( group==StringTemplate.defaultGroup ) {
        self.error("template parse error; template context is "+self.getEnclosingInstanceStackString(), e);
    } else {
        self.error("template parse error in group "+self.getGroup().getName()+" line "+self.getGroupFileLine()+";
        template context is "+self.getEnclosingInstanceStackString(), e);
    }
    }

    template[StringTemplate self]
```
{
this.self = self;
}
: ( s:LITERAL {self.addChunk(new StringRef(self,s.getText()));}
| nl:NEWLINE
{
if ( LA(1)!=ELSE && LA(1)!=ENDIF ) {
self.addChunk(new NewlineRef(self,nl.getText()));
}
}
| action[self]
)*
;
action[StringTemplate self]
: a:ACTION
{
String indent = ((ChunkToken)a).getIndentation();
ASTExpr c = self.parseAction(a.getText());
c.setIndentation(indent);
self.addChunk(c);
}
| i:IF
{
ConditionalExpr c = (ConditionalExpr)self.parseAction(i.getText());
// create and precompile the subtemplate
StringTemplate subtemplate =
new StringTemplate(self.getGroup(), null);
subtemplate.setEnclosingInstance(self);
subtemplate.setName(i.getText()+"_subtemplate");
self.addChunk(c);
}
template[subtemplate] {if ( c!=null ) c.setSubtemplate(subtemplate);}
( ei:ELSEIF
{
ASTExpr ec = self.parseAction(ei.getText());
// create and precompile the subtemplate
StringTemplate elseIfSubtemplate =
new StringTemplate(self.getGroup(), null);
elseIfSubtemplate.setEnclosingInstance(self);
elseIfSubtemplate.setName(ei.getText()+"_subtemplate");
}
template[elseIfSubtemplate]

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if ( c!=null ) c.addElseIfSubtemplate(ec, elseIfSubtemplate); }
*

ELSE
{
  // create and precompile the subtemplate
  StringTemplate elseSubtemplate =
  new StringTemplate(self.getGroup(), null);
  elseSubtemplate.setEnclosingInstance(self);
  elseSubtemplate.setName("else_subtemplate");
}

template[elseSubtemplate]
{if ( c!=null ) c.setElseSubtemplate(elseSubtemplate); }
?

ENDIF

|rr:REGION_REF
{
  // define implicit template and
  // convert <@r()> to <region__enclosingTemplate__r()>
  String regionName = rr.getText();
  String mangledRef = null;
  boolean err = false;
  // watch out for <@super.r()>; that does NOT def implicit region
  // convert to <super.region__enclosingTemplate__r()>
  if ( regionName.startsWith("super.") ) { 
    //System.out.println("super region ref "+regionName);
    String regionRef =
    regionName.substring("super.".length(),regionName.length());
    StringTemplate scopeST = self.getGroup().lookupTemplate(templateScope);
    if ( scopeST==null ) { 
      self.getGroup().error("reference to region within undefined template: "+
      templateScope);
      err=true;
    } 
    if ( !scopeST.containsRegionName(regionRef) ) { 
      self.getGroup().error("template "+templateScope+" has no region called "+
      regionRef);
      err=true;
    } else {
      mangledRef =
      self.getGroup().getMangledRegionName(templateScope,regionRef);
      mangledRef = "super."+mangledRef;
    }
else {
    //System.out.println("region ref "+regionName);
    StringTemplate regionST =
        self.getGroup().defineImplicitRegionTemplate(self,regionName);
    mangledRef = regionST.getName();
}

if ( !err ) {
    // treat as regular action: mangled template include
    String indent = ((ChunkToken)rr).getIndentation();
    ASTExpr c = self.parseAction(mangledRef+"()");
    c.setIndentation(indent);
    self.addChunk(c);
} }

|rd:REGION_DEF
{
String combinedNameTemplateStr = rd.getText();
int indexOfDefSymbol = combinedNameTemplateStr.indexOf("::=");
if ( indexOfDefSymbol>=1 ) { 
    String regionName = combinedNameTemplateStr.substring(0,indexOfDefSymbol);
    String template =
        combinedNameTemplateStr.substring(indexOfDefSymbol+3,
        combinedNameTemplateStr.length());
    StringTemplate regionST =
        self.getGroup().defineRegionTemplate(self,
        regionName,
        template,
        StringTemplate.REGION_EMBEDDED);
    // treat as regular action: mangled template include
    String indent = ((ChunkToken)rd).getIndentation();
    ASTExpr c = self.parseAction(regionST.getName()+"()");
    c.setIndentation(indent);
    self.addChunk(c);
} else {
    self.error("embedded region definition screwed up");
} }

/** Break up an input text stream into chunks of either plain text
 * or template actions in "$...$". Treat IF and ENDIF tokens
 * specially.
 * /

class DefaultTemplateLexer extends Lexer {

options {
    k=7; // see "$endif$"
    charVocabulary = '\u0001'..'\uFFFF';
}

protected String currentIndent = null;
protected StringTemplate self;

public DefaultTemplateLexer(StringTemplate self, Reader r) {
    this(r);
    this.self = self;
}

public void reportError(RecognitionException e) {
    self.error("$...$ chunk lexer error", e);
}

protected boolean upcomingELSE(int i) throws CharStreamException {
    return LA(i)=='$'&&LA(i+1)=='e'&&LA(i+2)=='l'&&LA(i+3)=='s'&&LA(i+4)=='e'&&
        LA(i+5)=='$';
}

protected boolean upcomingENDIF(int i) throws CharStreamException {
    return LA(i)=='$'&&LA(i+1)=='n'&&LA(i+2)=='d'&&LA(i+3)=='i'&&
        LA(i+4)=='f'&&LA(i+5)=='$';
}

protected boolean upcomingAtEND(int i) throws CharStreamException {
    return LA(i)=='$'&&LA(i+1)=='@'&&LA(i+2)=='e'&&LA(i+3)=='n'&&LA(i+4)=='$';
}

protected boolean upcomingNewline(int i) throws CharStreamException {
    return (LA(i)==''&&LA(i+1)=='
')||LA(i)=='
';
}

protected boolean upcomingLITERAL(int i) throws CharStreamException {
    return (options { generateAmbigWarnings=false;}
        {LA(1)!='\'&&!LA(1)=='\n'}? (options { generateAmbigWarnings=false;)
            {int loopStartIndex=text.length();
             int col=getColumn();
             }
        '{\"! '\" // allow escaped delimiter
        '{\"! \" // always replace \ with \

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\`\\~\$` // otherwise ignore escape char

\`\riminator\`

```java
if ( col==1 && LA(1)=='$' ) {
    // store indent in ASTExpr not in a literal
    currentIndent=ind.getText();
text.setLength(loopStartIndex); // reset length to wack text
} else currentIndent=null;

\~(\$'|\r'|\n')+
    {if ((\$getText).length()==0) {\$setType(Token.SKIP);}} // pure indent?

NEWLINE
    :('\r')? '\n' {newline(); currentIndent=null;}

ACTION
    options {
generateAmbigWarnings=false; // $EXPR$ is ambig with $!..!$
    }
    {
        int startCol = getColumn();
        : LINE_BREAK {\$setType(Token.SKIP);}
        // Match escapes not in a string like <\n\ufea5>
        {StringBuffer buf = new StringBuffer(); char uc = '\u0000';}
        \$! (uc=ESC_CHAR {buf.append(uc); })+'$'!
        {\$setText(buf.toString()); \$setType(LITERAL);}
        | COMMENT {\$setType(Token.SKIP);}
        | (options {
            generateAmbigWarnings=false; // $EXPR$ is ambig with $endif$ etc...
        }
        :
            \$! "if" ( ! )* (" IF_EXPR ") \$! {\$setType(TemplateParser.IF);}
            ( (\'r'!)? '\n'! \{newline();\})? // ignore any newline right after an IF
            |\$! "elseif" ( ! )* (" IF_EXPR ") \$! {\$setType(TemplateParser.ELSEIF);}
            ( (\'r'!)? '\n'! \{newline();\})? // ignore any newline right after an ELSE
            |\$! "else" \$!         {\$setType(TemplateParser.ELSE);}
            ( (\'r'!)? '\n'! \{newline();\})? // ignore any newline right after an ELSE
            |\$! "endif" \$!      {\$setType(TemplateParser.ENDIF);}
            ( {startCol==1}? (\'r'!)? '\n'! \{newline();\})? // ignore after ENDIF if on line by itself
            | // match $@foo($...$@end$ => foo
            // match $@foo$...$@end$ => foo:==...
            \$! '@'! (~("|'(\)\)+
```
("(!'!' S! {setType(TemplateParser REGION_REF);}
| '!' S!
{setType(TemplateParser REGION_DEF);
String t=$getText;
 setText(t+":=");
}
( options {greedy=true;} : (\r)? \n {newline();})?
{boolean atLeft = false;
 ( options {greedy=true;} // handle greedy=false with predicate
 : ![ (upcomingAtEND(1) ![ (upcomingNewline(1) && upcomingAtEND(2)]))?
( (\r)? \n {newline(); atLeft = true;}
| {atLeft = false;}
)
)+
( (\r)? \n! {newline(); atLeft = true;} )?
( "$@end$"!
| . {self.error("missing region "+t+" $@end$ tag");}
)
( {atLeft}? (\r)? \n! {newline();})?
)
| '!' EXPR '!' // (Can't start with '!', which would mean comment)
)
{
 ChunkToken t = new ChunkToken(_ttype, $getText, currentIndent);
 $setToken(t);
}
protected
COMMENT
{
    int startCol = getColumn();
}

    "$!
    (options {greedy=false;}
     :('\r')? 'n' {newline();}
     |).
    )*""
    ( {startCol==1}? ('\r')? 'n' {newline();} )?

; protected
LINE_BREAK
    : "$\\$" (INDENT)? ('\r')? 'n' {newline();} (INDENT)?
    ;

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* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-
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  jar/org/antlr/stringtemplate/language/action.g
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  jar/org/antlr/stringtemplate/language/eval.g
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* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/language/NewlineRef.java
* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/StringTemplateErrorListener.java
* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/language/StringTemplateToken.java
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* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-jar/org/antlr/stringtemplate/language/StringRef.java
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```java
package org.antlr.stringtemplate.language;
import org.antlr.stringtemplate.*;
import java.util.*;
}
```

/** Match an ST group interface. Just a list of template names with args. */

* Here is a sample interface file:

* *interface nfa;*
* *nfa(states,edges);*
*optional state(name);
*/

class InterfaceParser extends Parser;

options {
    k=3;
}

protected StringTemplateGroupInterface groupI;

public void reportError(RecognitionException e) {
    if ( groupI!=null ) {
        groupI.error("template group interface parse error", e);
    } else {
        System.err.println("template group interface parse error: "+e);
        e.printStackTrace(System.err);
    }
}

groupInterface[StringTemplateGroupInterface groupI]
{this.groupI = groupI;}
:"interface" name:ID {groupI.setName(name.getText());} SEMI
    ( template[groupI] )+
;

template[StringTemplateGroupInterface groupI]
{
    LinkedHashMap formalArgs = new LinkedHashMap(); // leave blank if no args
    String templateName=null;
}
:(opt:"optional")? name:ID LPAREN (formalArgs=args)? RPAREN SEMI
{
    templateName = name.getText();
    groupI.defineTemplate(templateName, formalArgs, opt!=null);
}

args returns [LinkedHashMap args=new LinkedHashMap()]
:a:ID {args.put(a.getText(), new FormalArgument(a.getText()));}
    ( COMMA b:ID {args.put(b.getText(), new FormalArgument(b.getText()));} )*
;

class InterfaceLexer extends Lexer;
options {
    k=2;
    charVocabulary = '\u0000'..'\uFFFE';
}

ID: (a..'z'|A..'Z'|.'_.') (a..'z'|A..'Z'|0..'9'|.'_|_')*
;

LPAREN: '(' ;
RPAREN: ')';
COMMA: ',' ;
SEMI: ':' ;
COLON: ':' ;

// Single-line comments
SL_COMMENT
: "//"  
   (\n\r)* ((\n\r)? \n)?  
   {$setType(Token.SKIP); newline();}
;

// Multiple-line comments
ML_COMMENT
: "/*"  
   (options { greedy=false; }   
    : (\n\r)? \n' {newline();}   
     .   
     )"   
   "*/"  
   {$setType(Token.SKIP);}
;

// Whitespace -- ignored
WS : (  ' '  
       | '\t'  
       | '\f'  
       | (\n\r)? \n' { newline(); }  
     )+  
     {$setType(Token.SKIP);}
;

Found in path(s):
* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4-
  jar/org/antlr/stringtemplate/language/interface.g
header {
/*
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*/
package org.antlr.stringtemplate.language;
import org.antlr.stringtemplate.*;
import java.io.*;
}

/** Break up an input text stream into chunks of either plain text
* or template actions in "<...>".  Treat IF and ENDIF tokens
* specially.
*/
class AngleBracketTemplateLexer extends Lexer;

options {
  importVocab=TemplateParser;
  k=7; // see "<endif>
  charVocabulary = "\u0001"..'\uFFFE';
}

protected String currentIndent = null;
protected StringTemplate self;

public AngleBracketTemplateLexer(StringTemplate self, Reader r) {
   this(r);
   this.self = self;
}

public void reportError(RecognitionException e) {
   self.error("<...> chunk lexer error", e);
}

protected boolean upcomingELSE(int i) throws CharStreamException {
   return LA(i)=='<'&&LA(i+1)=='e'&&LA(i+2)=='l'&&LA(i+3)=='s'&&LA(i+4)=='e'&&
      LA(i+5)=='>';
}

protected boolean upcomingENDIF(int i) throws CharStreamException {
   return LA(i)=='<'&&LA(i+1)=='e'&&LA(i+2)=='n'&&LA(i+3)=='d'&&LA(i+4)=='i'&&
      LA(i+5)=='f'&&LA(i+6)=='>';
}

protected boolean upcomingAtEND(int i) throws CharStreamException {
   return LA(i)=='<'&&LA(i+1)=='@'&&LA(i+2)=='e'&&LA(i+3)=='n'&&LA(i+4)=='>';
}

protected boolean upcomingNewline(int i) throws CharStreamException {
   return (LA(i)==''&&LA(i+1)=='
')||LA(i)=='
';
}

} LITERAL
   : {LA(1)!=''&&LA(1)!='
'}?
      ( options { generateAmbigWarnings=false; } )
      [ int loopStartIndex=text.length();
        int col=getColumn();
      ]
      : '\!c' // allow escaped delimiter
      | '\!\'
      | '\!\n' // always replace \ with \n
   | '\~c' // otherwise ignore escape char
   | ind:INDENT
   |
   [ if ( col==1 && LA(1)=='c' ) {
      // store indent in ASTExpr not in a literal
      currentIndent=ind.getText();
      text.setLength(loopStartIndex); // reset length to wack text
   }]

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\}
else currentIndent=null;
\
| ~(\'|\r|\n)\)+
{\if ({$getText}.length()==0) {$setType(Token.SKIP);}} // pure indent?
\
protected
INDENT
: ( options {greedy=true;}: ' ' | \t)\+
\
NEWWILE
: (\r)? '\n' {newline(); currentIndent=null;}
\
ACTION
options {
generateAmbigWarnings=false; // <EXPR> is ambig with <!..!>
}
{
int startCol = getColumn();
\
: LINE_BREAK {$setType(Token.SKIP);}
| // Match escapes not in a string like <u1'\ufeaf>'
{StringBuilder buf = new StringBuffer(); char uc = '\u0000';}
'<!' (uc=ESC_CHAR {buf.append(uc); } )+'>!
{$setText(buf.toString()); $setType(LITERAL);}
| \tCOMMENT {$setType(Token.SKIP);}
| ( options {
generateAmbigWarnings=false; // $EXPR$ is ambig with $endif$ etc...
}
): \t'<'! "if" (' !)* '(' IF_EXPR ')' '>'! {$setType(TemplateParser.IF);}
( (\r)? '\n'! [newline();])? // ignore any newline right after an IF
|'<! "elseif" (' !)* '(' IF_EXPR ')' '>'! {$setType(TemplateParser.ELSEIF);}
( (\r)? '\n'! [newline();])? // ignore any newline right after an IF
|'<! "else" '>'! {$setType(TemplateParser.ELSE);}
( (\r)? '\n'! [newline();])? // ignore any newline right after an ELSE
|'<! "endif" '>'! {$setType(TemplateParser.ENDIF);}
( {startCol==1}? (\r)? '\n'! [newline();])? // ignore after ENDIF if on line by itself
\
| // match <@foo()> => foo
// match <foo>...<@end> => foo:==...
'<! '@! (\<!>|\end)\)+
("\)! '>'! {$setType(TemplateParserREGION_REF);}
| '>'!

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$setType(TemplateParser.REGION_DEF);
String t=$getText;
setText(t+":=");
}

( options {greedy=true;} : (''?)? '\n'? {newline();})?

| boolean {greedy=true;} : ('\n')? '\n' {newline();})?

| boolean atLeft = false;

(| options {greedy=true;} // handle greedy=false with predicate
:(( (upcomingAtEND(1))[(upcomingNewline(1)&&upcomingAtEND(2))])
(( (\n) '\n' {newline(); atLeft = true;}
| {atLeft = false;})
)+

( ((\n)' '\n' {newline(); atLeft = true;})
| ( "<@end>"!
| . {self.error("missing region "+-" <@end> tag");}
)

| ([atLeft]? ('\n')? '\n' {newline();})?

| '\n' EXPR '!'?

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protected

LINE_BREAK

:

"<\\\"" (INDENT)? ('')? '
' {newline();} (INDENT)?

;

Found in path(s):
* /opt/cola/permits/1136477616_1613772696.75/0/stringtemplate-3-2-1-sources-4.jar/org/antlr/stringtemplate/language/angle.bracket.template.g

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*/

package org.antlr.stringtemplate.language;
import org.antlr.stringtemplate.*;
import java.util.*;

/** Match a group of template definitions beginning
 * with a group name declaration. Templates are enclosed
 * in double-quotes or <<<...>> quotes for multi-line templates.
 * Template names have arg lists that indicate the cardinality
 * of the attribute: present, optional, zero-or-more, one-or-more.
 * Here is a sample group file:

 group nfa;

 // an NFA has edges and states
 nfa(states,edges) ::= <<<
 digraph NFA {
 rankdir=LR;
 <states; separator="\n">
 <edges; separator="\n">
 }
>>

 state(name) ::= "node [shape = circle]; <name>;"

 */
class GroupParser extends Parser;

options {
  k=3;
}

{} protected StringTemplateGroup group;

public void reportError(RecognitionException e) {
 if ( group!=null ) {
   group.error("template group parse error", e);
 }
 else {
   System.err.println("template group parse error: "+e);
   e.printStackTrace(System.err);
 }
}

group[StringTemplateGroup g]
{
  this.group = g;
}: "group" name:ID {g.setName(name.getText());}
(COLON s:ID {g.setSuperGroup(s.getText());} )?
("implements" i:ID {g.implementInterface(i.getText());}
(COMMA i2:ID {g.implementInterface(i2.getText());} )*)?
SEMI
( template[g] | mapdef[g] )+
;

template[StringTemplateGroup g]
{
  Map formalArgs = null;
  StringTemplate st = null;
  boolean ignore = false;
  String templateName=NULL;
  int line = LT(1).getLine();
}
@: (AT scope:ID DOT region:ID
{
  templateName=g.getMangledRegionName(scope.getText(),region.getText());
  if ( g.isDefinedInThisGroup(templateName) ) {
    g.error("group "+g.getName()+" line "+line+: redefinition of template region: @"+
    scope.getText()+"."+region.getText());
    st = new StringTemplate(); // create bogus template to fill in
  } else {
    boolean err = false;
    // @template.region() ::= "...
    StringTemplate scopeST = g.lookupTemplate(scope.getText());
    if ( scopeST==null ) {
      g.error("group "+g.getName()+" line "+line+: reference to region within undefined template: "+
      scope.getText());
      err=true;
    } if ( !scopeST.containsRegionName(region.getText()) ) {
      g.error("group "+g.getName()+" line "+line+: template "+scope.getText()+" has no region called "+
      region.getText());
      err=true;
    } if ( err ) {
      st = new StringTemplate();
    } else {
      st = g.defineRegionTemplate(scope.getText(),
        region.getText(),
        null,
        StringTemplate.REGION_EXPLICIT);
suffix returns [int cardinality=FormalArgument.REQUIRED]
   :   OPTIONAL {cardinality=FormalArgument.OPTIONAL;}
   |   STAR     {cardinality=FormalArgument.ZERO_OR_MORE;}
   |   PLUS     {cardinality=FormalArgument.ONE_OR_MORE;}
   |
   ;
 */

mapdef[StringTemplateGroup g]
{
  Map m=null;
}
:name:ID
   DEFINED_TO_BE m=map
   {
   if ( g.getMap(name.getText())!=null ) {
     g.error("redefinition of map: "+name.getText());
   }
   else if ( g.isDefinedInThisGroup(name.getText()) ) {
     g.error("redefinition of template as map: "+name.getText());
   }
   else {
     g.defineMap(name.getText(), m);
   }
   }

map returns [Map mapping=new HashMap()]
  :   LBRACK mapPairs[mapping] RBRACK
  ;

mapPairs [Map mapping]
  :   keyValuePair[mapping] (COMMA keyValuePair[mapping])*  
     (COMMA defaultValuePair[mapping])?  
     | defaultValuePair[mapping]
  ;

defaultValuePair[Map mapping]
{
  StringTemplate v = null;
}
:"default" COLON v=keyValue
   {mapping.put(ASTExpr.DEFAULT_MAP_VALUE_NAME, v);}
keyValuePair[Map mapping]
{
    StringTemplate v = null;
}
:key:STRING COLON v=keyValue {mapping.put(key.getText(), v);}
;

keyValue returns [StringTemplate value=null]
:s1:BIGSTRING {value = new StringTemplate(group,s1.getText());}
:s2:STRING {value = new StringTemplate(group,s2.getText());}
:k:ID {k.getText().equals("key")}?
    {value = ASTExpr.MAP_KEY_VALUE;}
    {value = null;}
;

class GroupLexer extends Lexer;

    options {
        k=2;
        charVocabulary = '\u0000'..'\uFFFE';
        testLiterals=false;
    }

ID
    options {
        testLiterals=true;
    }
    (:a'..'z'|A'..'Z'|_)(a'..'z'|A'..'Z|0'..'9'|_)*
;
STRING
    :""! ( nurs | n~* | ~"" )* =>
;
BIGSTRING
    :""<<""!
    (options {greedy=true;}:(\r\t)?)?\n! {newline();} // consume 1st \n
    (options {greedy=false;} // stop when you see the >>
    :\[LA(3)=='>'&&&LA(4)=='>']=\r! '\n! {newline();} // kill last \n
    [\[LA(2)=='>'&&&LA(3)=='>']=\n! {newline();} // kill last \n
    ['\r]? '\n! {newline();} // else keep

    ['\n! >' // \> escape
    |.
    )*">>"!
;

ANONYMOUS_TEMPLATE
{
List args=null;
StringTemplateToken t = null;
}
:'(!
(options {greedy=false;} // stop when you see the >>
:(\')? '\n' {newline();} // else keep
[\%! ]" // \} escape
|.
)*
')!
;

AT:@';
LPAREN: '(' ;
RPAREN: ')' ;
LBRACK: '[' ;
RBRACK: ']' ;
COMMA: ',' ;
DOT: '.' ;
DEFINED_TO_BE: '"=" ;
SEMI: ':' ;
COLON: ':' ;
STAR: '*' ;
PLUS: '+' ;
ASSIGN: '=' ;
OPTIONAL : '?' ;

// Single-line comments
SL_COMMENT
: "/#"
   (~('n'|'\'))* ((\')? '\n')?
   {setType(Token.SKIP); newline();}
;

// multiple-line comments
ML_COMMENT
: "/#*
   (options {
      greedy=false;
   }
   : (\')? '\n' {newline();}
   | .
   )*
"*/"

{$setType(Token.SKIP);}

; // Whitespace -- ignored

WS : ( ' ' |
      't' |
      'f' |
      ('\r')? '\n' { newline(); } )+

{ $setType(Token.SKIP); }

;

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1.1158 checker-compat-qual 2.0.0

1.1159 tagsoup 1.2.1

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1.1160 kerberos 1.15.5-r0

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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
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
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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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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_initize.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
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
kprop/kpropd_rpc.c
kprop/kproplog.c

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/** Set the TCP/IP port used for CONFIDENTIAL and INTEGRAL redirections.
 * @param securePort the secure port to redirect to.
 */
/** Set the URI scheme used for CONFIDENTIAL and INTEGRAL redirections.
 * @param secureScheme A scheme string like "https"
 */

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#require unix-permissions no-root

```
$ hg init a
$ cd a
$ echo foo > b
$ hg add b
$ hg ci -m "b"

$ chmod -w .hg/store

$ cd ..

$ hg clone a b
requesting all changes
adding changesets
adding manifests
adding file changes
added 1 changesets with 1 changes to 1 files
new changesets 97310831fa1a
updating to branch default
1 files updated, 0 files merged, 0 files removed, 0 files unresolved

$ chmod +w a/.hg/store # let test clean up

$ cd b
$ hg verify
checking changesets
checking manifests
crosschecking files in changesets and manifests
checking files
checked 1 changesets with 1 changes to 1 files

$ cd ..

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1.1171 rpm 4.11.3-48.el7_9

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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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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.

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
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 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.

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.

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1.172 libmnl 1.0.4-2

1.172.1 Available under 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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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.

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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
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entire whole, and thus to each and every part regardless of who wrote
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Thus, it is not the intent of this section to claim rights or contest
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that version instead if you wish.) Do not make any other change in
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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
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5. A program that contains no derivative of any portion of the
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When a "work that uses the Library" uses material from a header file
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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
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Otherwise, if the work is a derivative of the Library, you may
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6. As an exception to the Sections above, you may also combine or
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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.

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1.1175 snake-yaml 1.25

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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 form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cfff2bb5b6.

  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.

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vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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<!-- $Id$ -->

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

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

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

<xsl:variable name="isc.copyright.text">
</xsl:variable>
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Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple2,
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val x: ((Int, Int) => Int) = (((a, b)) => a)
^
not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple2,
   or consider a pattern matching anonymous function: `\{ case (param1, param2) => ... }`
val y: ((Int, Int, Int) => Int) = (((a, !!)) => a)
^
not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple3,
   or consider a pattern matching anonymous function: `\{ case (param1, ..., param3) => ... }`
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
^
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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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(which use some of those functions and data) to form executables.

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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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table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

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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
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
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rather than copying library functions into the executable, and (2)
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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.

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/**
**
** Special exception to indicate a failure in a skip listener. These need
** special treatment in the framework in case a skip sends itself into an
** infinite loop.
**
** @author Dave Syer
**
*/

Found in path(s):
*/opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/step/skip/SkipListenerFailedException.java

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* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/configuration/xml/JobExecutionListenerParser.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/listener/StepListenerFactoryBean.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/listener/JobListenerFactoryBean.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/listener/StepListenerFactoryBean.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/listener/MethodInvokerMethodInterceptor.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/listener/AbstractListenerFactoryBean.java
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/**
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* Special exception to indicate a failure in a skip policy. These need
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*
* @author Dave Syer
*
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* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/step/skip/SkipPolicyFailedException.java
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* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/StepExecutionListener.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/BatchStatus.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-jar/org/springframework/batch/core/launch/support/SimpleJobOperator.java
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  jar/org/springframework/batch/core/configuration/xml/InlineStepParser.java
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  jar/org/springframework/batch/core/configuration/xml/AbstractStepParser.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
  jar/org/springframework/batch/core/configuration/xml/ChunkElementParser.java
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jar/org/springframework/batch/core/jsr/job/flow/JsrFlowJob.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/jsr/job/flow/JsrFlowExecutor.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/jsr/step/DecisionStep.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/jsr/SkipListenerAdapter.java
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jar/org/springframework/batch/core/jsr/step/builder/JsrPartitionStepBuilder.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/listener/CompositeRetryWriteListener.java
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jar/org/springframework/batch/core/jsr/partition/support/JsrBeanScopeBeanFactoryPostProcessor.java
jar/org/springframework/batch/core/explore/support/SimpleJobExplorer.java
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jar/org/springframework/batch/core/job/AbstractJob.java
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jar/org/springframework/batch/core/step/tasklet/CallableTaskletAdapter.java
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jar/org/springframework/batch/core/job/flow/support/state/StepState.java
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jar/org/springframework/batch/core/scope/context/StepContext.java
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jar/org/springframework/batch/core/repository/dao/MapJobExecutionDao.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
jar/org/springframework/batch/core/repository/support/SimpleJobRepository.java
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jar/org/springframework/batch/core/job/flow/support/state/StepState.java
* /opt/cola/permits/1166536000_1621437787.79/0/spring-batch-core-4-2-1-release-sources-2-
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jar/org/springframework/batch/core/step/builder/FaultTolerantStepBuilder.java
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jar/org/springframework/batch/core/listener/StepExecutionListenerSupport.java
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jar/org/springframework/batch/core/step/item/SimpleChunkProcessor.java
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jar/org/springframework/batch/core/explore/JobExplorer.java
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1.1204 jnr-unixsocket 0.38.12

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1.1205 hostname 3.15
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when there is no Makefile.

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shared with many OS’s install programs.

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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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jar/io/grpc/netty/NettyChannelBuilder.java
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1.1214 logstash-output-udp 3.2.0
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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>
* </p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <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 SimpleChannelInboundHandler&lt;Message&gt; { 
*  
*  <b>private boolean loggedIn;</b>
*  
*  { @code @Override }
*  public void channelRead0(@link ChannelHandlerContext) ctx, Message message) { 
*      if (message instanceof LoginMessage) {
*          authenticate((LoginMessage) message);
*          <b>loggedIn = true;</b>
*      } 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:
* 
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}. 
* public class DataServerInitializer extends ChannelInitializer&lt;Channel&gt; { 
*  { @code @Override }
*  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 }{ @Message } { 
*     private final { @link AttributeKey }{ @link Boolean } auth = 
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth") }; 
* *
* { @code @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 }{ @Channel } { 
*     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>
* *
* { @code @Sharable } annotation
* <p>
* 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
* <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/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
jar/io/netty/channel/ChannelHandler.java
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jar/io/netty/channel/ChannelPipelineException.java
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jar/io/netty/channel/local/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
jar/io/netty/channel/EventLoop.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-
jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/SingleThreadEventLoop.java

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* /opt/ws_local/PERMITS_SQL/1075319159_1596106896.09/0/netty-transport-4-1-35-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
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AES in libhcrypto

rijndael-alg-fst.c

@version 3.0 (December 2000)

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

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kdc/announce.c

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DES core in libhcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec’s THINK (Lightspeed) C by Richard Outerbridge. Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

(GEnie : OUTER; CIS : [71755,204]) Graven Imagery, 1992.

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Windows support

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lib/hcrypto/test_dh.c

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Open Source Used In Cisco Optical Network Planner 4.2.2 14545
Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

---
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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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

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,}\b/;
    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,}/i
    or die "Copyright statement not found in perl -v output $output";
$year;
}

1.1228 spring-context 5.2.7.RELEASE
1.1228.1 Available under license:

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    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Import.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/GenericApplicationContext.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/ApplicationEventMulticaster.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java
    * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/support/AbstractCacheManager.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClass.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventListener.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/SmartLifecycle.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/StaticApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiTemplateEditor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationEvent.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationEvent.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/ConcurrentModel.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/ObjectError.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/AnnotationJmxAttributeSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/SpringValidatorAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/StandardScriptFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/support/DefaultJndiBeanFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/validation/validation/ValidatorFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/scheduling/support/TaskUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/jmx/access/MBeanClientInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/support/BeanDefinitionDsl.kt
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/annotation/AnnotationConfigApplicationContextExtensions.kt
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/annotation/ClassPathBeanDefinitionScanner.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/ui/ModelMap.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/scheduling/config/ScheduledTaskRegistrar.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 programatically

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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`.

@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.
 *
 * <p>This {@code FactoryBean} is a direct alternative to {@link MBeanServerFactoryBean},
 * which uses standard JMX 1.2 API to access the platform's {@code MBeanServer}.
 *
 * <p>See the javadocs for WebSphere's
 /com/ibm/websphere/management/AdminServiceFactory.html">{@code AdminServiceFactory}</a>
 * and
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

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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.</p>

@author Stephane Nicoll
@since 4.1

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  jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
  /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/jmx/export/metadata/AbstractJmxAttribute.java
  /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/jmx/export/SpringModelMBean.java
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  jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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  jar/org/springframework/remoting/support/RemoteInvocationFactory.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/context/annotation/PropertySources.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/validation/annotation/Validated.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/cache/interceptor/BasicOperation.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/context/annotation/Description.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/context/support/MessageSourceResourceBundle.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
  jar/org/springframework/format/datetime/joda/DateTimeParser.java
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  jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java
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  jar/org/springframework/context/annotation/Lazy.java
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jar/org/springframework/format/datetime/joda/LocalDateParser.java
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jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
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jar/org/springframework/ui/context/support/SimpleTheme.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/support/FormatterPropertyEditorAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/MonthDayFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/KeyGenerator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiPropertySource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/Cacheable.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CacheEvict.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/TaskScheduler.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/scheduling/concurrent/ConcurrentTaskScheduler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/instrument/classloading/websphere/WebSphereLoadTimeWeaver.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/scheduling/config/ScheduledTaskHolder.java
*/
jar/org/springframework/jmx/export/metadata/ManagedResource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/jmx/export/metadata/CurrencyStyleFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/support/ApplicationListenerDetector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/scheduling/config/TriggerTask.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1.jar/org/springframework/context/expression/MapAccessor.java

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* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scripting/groovy/GroovyScriptFactory.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/annotation/FullyQualifiedAnnotationBeanNameGenerator.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/annotation/LoadTimeWeavingConfiguration.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/cache/support/NoOpCacheManager.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/support/PostProcessorRegistrationDelegate.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/annotation/StandardBeanExpressionResolver.java
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jar/org/springframework/jmx/support/RegistrationPolicy.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/support/AbstractApplicationContext.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/validation/beanvalidation/MethodValidationPostProcessor.java
* /opt/cola/permissions/1135880277_1613624409.62.0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/cache/concurrent/ConcurrentMapCacheManager.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ImportAware.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java

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  * HTTPS patch (which inspired HTTPSConnectionPool)
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  * 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>
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* 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@ravelosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://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 <https://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 Grunseid <https://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

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

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

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

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

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

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

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

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

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
* Creation of `HTTPConnectionPool.ResponseCls`.
* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

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

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

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

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

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

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

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

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

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

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

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

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

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist
* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

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

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

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

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

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

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

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

* Akamai (through Jesse Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance

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

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

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

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

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

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6
* Tim Bell <https://github.com/timb07>
  Bugfix for responses with Content-Type: message/* logging warnings

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

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

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

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1.1252 debianutils 4.8.6.1

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1.1255 findutils 4.6.0+git+20190209 2

1.1255.1 Available under license:

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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}
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:

```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
public class DataServerInitializer extends `@link ChannelInitializer`<`@link Channel`> {
    @Override
    public void initChannel(`@link Channel` channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}
```
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`:

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

/* @code @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);
        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 ChannelHandlerContext, you can add the same handler instance to different pipelines: */

/* @code @Override */
public class DataServerInitializer extends ChannelInitializer<Channel> {
    private static final DataServerHandler SHARED = new DataServerHandler();

    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
    ...
}
```
* <h4>The `@Sharable` annotation</h4>
* 
* 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</h3>
* 
* 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/1072948476_1595240756.51/0/netty-transport-4-1-51-final-sources-jar/io/netty/channel/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1072948476_1595240756.51/0/netty-transport-4-1-51-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/ws_local/PERMITS_SQL/1072948476_1595240756.51/0/netty-transport-4-1-51-final-sources-jar/io/netty/channel/AbstractEventLoop.java
* /opt/ws_local/PERMITS_SQL/1072948476_1595240756.51/0/netty-transport-4-1-51-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java

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jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
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* /opt/ws_local/PERMITS_SQL/1072948476_1595240756.51/0/netty-transport-4-1-51-final-sources-
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Upstream-Contact: David Howells <dhowells@redhat.com>
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/AbstractJaxWsServiceExporter.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/WebDataBinderFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/AsyncWebRequestInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/session/WebSessionStore.java

jar/org/springframework/http/client/AsyncClientHttpRequestInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/converter/feed/RssChannelHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/support/ServletContextParameterFactoryBean.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptorAdapter.java

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# identify "new" types. File extensions are also commonly used to indicate
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# 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
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# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
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# application/atomdeleted+xml
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<td></td>
</tr>
</tbody>
</table>
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  jar/org/springframework/web/bind/annotation/DeleteMapping.java
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  jar/org/springframework/web/bind/annotation/PutMapping.java
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  jar/org/springframework/http/converter/json/SpringHandlerInstantiator.java
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  jar/org/springframework/web/context/annotation/SessionScope.java
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====

This package "rx.internal.operators" is for internal implementation details and can change at any time.

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---
In short, changes to public signatures of these classes will not be accounted for in the versioning of RxJava.

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleOperatorCast.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/producers/QueuedProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BackpressureUtils.java
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  jar/rx/internal/operators/SingleDoAfterTerminate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java

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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:
https://github.com/JCTools/JCTools

JCTools has now published artifacts (https://github.com/JCTools/JCTools/issues/17) so RxJava could add JCTools
as a "shadow" dependency (https://github.com/ReactiveX/RxJava/issues/1735).
RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an
externally visible dependency that results in a separate jar.

The license for the JCTools code is https://github.com/JCTools/JCTools/blob/master/LICENSE

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* /opt/cola/permits/1199767188_1630583074.70/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
* /opt/cola/permits/1199767188_1630583074.70/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTimeout.java
* /opt/cola/permits/1199767188_1630583074.70/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnSubscribe.java
* /opt/cola/permits/1199767188_1630583074.70/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionSubscriber.java

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core/src/main/java/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
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/**
 * This plugin class provides 2 ways to customize [Scheduler] functionality
 * 1. You may redefine entire schedulers, if you so choose. To do so, override
 * the 3 methods that return Scheduler (io(), computation(), newThread()).
 * 2. You may wrap/decorate an [Action0], before it is handed off to a Scheduler. The system-supplied
 * Schedulers (Schedulers.ioScheduler,Schedulers.computationScheduler,
 * Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to
 * modify Scheduler functionality without redefining Schedulers wholesale.
 */
* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.

* <p>

* See [@link RxJavaPlugins] or the RxJava GitHub Wiki for information on configuring plugins:


*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSchedulersHook.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMulticast.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapPair.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorEagerConcatMap.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinct.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ScheduledAction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ExecutorScheduler.java
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 * core/src/main/java/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
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  jar/rx/internal/schedulers/NewThreadWorker.java
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  jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
  jar/rx/internal/operators/OperatorSampleWithTime.java
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  jar/rx/internal/operators/OperatorWindowWithTime.java
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  jar/rx/internal/operators/OperatorWithLatestFrom.java
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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpscAtomicArrayQueue.java

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src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
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src/tools/apinames.c
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1.1285 gson 2.8.2

1.1286 polyglot 0.3.5

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1.1287 jersey-server 1.19.1

1.1288 cglib 3.3.0

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1.1294 coreutils 8.23-4

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 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
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 *
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 *          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
 * @throws IllegalStateException
 * If a subclass calls this constructor.
/**
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/**
 * Constructs a new LocalVariableAnnotationNode. <i>Subclasses must
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 * LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See TypeReference.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * null if the annotation targets 'typeRef' as a whole.
 */
* @param start
*     the first 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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/**
* 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.
*/

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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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  jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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$\textbf{1.1316 logstash-codec-edn_lines 3.1.0}$

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analysis/common/src/resources/org/apache/lucene/analysis/snowball
were developed by Martin Porter and Richard Boulton.
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The KStem stemmer in
analysis/common/src/org/apache/lucene/analysis/en
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The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default
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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,
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/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
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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===========================================================================
Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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use Test::More tests => 2;
note 'Checking Changes';
my $changes_file = 'Changes';
my $newver = '0.103010';
my $trial_token = '-TRIAL';
SKIP: {
ok(-e $changes_file, "$changes_file file exists")
or skip 'Changes is missing', 1;
ok(_get_changes($newver), "$changes_file has content for $newver");
}
done_testing;
# _get_changes copied and adapted from Dist::Zilla::Plugin::Git::Commit
# by Jerome Quelin
sub _get_changes
{
my $newver = shift;
# parse changelog to find commit message
open(my $fh, '<', $changes_file) or die "cannot open $changes_file: $!";
my $changelog = join('', <$fh>);
close $fh;
my @content =
grep { /^$newver(?:$trial_token)?(?:\s+|$)/ ... /^\S/ } # from newver to un-indented
split /\n/, $changelog;
shift @content; # drop the version line
# drop unindented last line and trailing blank lines
pop @content while ( @content && $content[-1] =~ /^(?:\S|\s*$)/ );
# return number of non-blank lines
return scalar @content;
}
name = Software-License
author = Ricardo Signes <rjbs@cpan.org>
license = Perl_5
copyright_holder = Ricardo Signes
[@RJBS]
#!perl
use strict;
use warnings;
use Test::More tests => 2;

Open Source Used In Cisco Optical Network Planner 4.2.2 15457


use Software::License::BSD;
use Software::License::Mozilla_1_0;

# TEST
is (scalar(Software::License::BSD->url()),
   'http://opensource.org/licenses/BSD-3-Clause',
   "BSD->url() is OK.");

# TEST
is (scalar(Software::License::Mozilla_1_0->url()),
   'http://www.mozilla.org/MPL/MPL-1.0.txt',
   "Mozilla_1_0->url() is OK.");

# This file was automatically generated by Dist::Zilla::Plugin::MakeMaker v5.014.
use strict;
use warnings;
use 5.006;
use ExtUtils::MakeMaker 6.30;

my %WriteMakefileArgs = (
    "ABSTRACT" => "packages that provide templated software licenses",
    "AUTHOR" => "Ricardo Signes <rjbs@cpan.org>",
    "BUILD_REQUIRES" => {},
    "CONFIGURE_REQUIRES" => {
        "ExtUtils::MakeMaker" => "6.30"
    },
    "DISTNAME" => "Software-License",
    "EXE_FILES" => [],
    "LICENSE" => "perl",
    "NAME" => "Software::License",
    "PREREQ_PM" => {
        "Carp" => 0,
        "Data::Section" => 0,
        "File::Spec" => 0,
        "IO::Dir" => 0,
        "Module::Load" => 0,
        "Sub::Install" => 0,
        "Text::Template" => 0,
        "parent" => 0,
        "strict" => 0,
        "warnings" => 0)
my %FallbackPrereqs = (
    "Carp" => 0,
    "Data::Section" => 0,
    "File::Spec" => 0,
    "IO::Dir" => 0,
    "Module::Load" => 0,
    "Sub::Install" => 0,
    "Test::More" => "0.96",
    "Text::Template" => 0,
    "Try::Tiny" => 0,
    "parent" => 0,
    "strict" => 0,
    "warnings" => 0
);

unless ( eval { ExtUtils::MakeMaker->VERSION(6.63_03) } ) {
    delete $WriteMakefileArgs{TEST_REQUIRES};
    delete $WriteMakefileArgs{BUILD_REQUIRES};
    $WriteMakefileArgs{PREREQ_PM} = \%FallbackPrereqs;
}

delete $WriteMakefileArgs{CONFIGURE_REQUIRES}
unless eval { ExtUtils::MakeMaker->VERSION(6.52) };

WriteMakefile(%WriteMakefileArgs);
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The End
#!perl
# This file was automatically generated by Dist::Zilla::Plugin::PodSyntaxTests.
use Test::More;
use Test::Pod 1.41;

all_pod_files_ok();
# This file was automatically generated by Dist::Zilla::Plugin::Manifest v5.014.
Changes
LICENSE
MANIFEST
META.json
META.yml
Makefile.PL
README
dist.ini
lib/Software/License.pm
lib/Software/License/AGPL_3.pm
lib/Software/License/Apache_1_1.pm
lib/Software/License/Apache_2_0.pm
lib/Software/License/Artistic_1_0.pm
lib/Software/License/Artistic_2_0.pm
lib/Software/License/BSD.pm
lib/Software/License/CC0_1_0.pm
lib/Software/License/Custom.pm
lib/Software/License/FreeBSD.pm
lib/Software/License/GFDL_1_2.pm
lib/Software/License/GFDL_1_3.pm
lib/Software/License/GPL_1.pm
lib/Software/License/GPL_2.pm
lib/Software/License/GPL_3.pm
lib/Software/License/LGPL_2_1.pm
lib/Software/License/LGPL_3_0.pm
lib/Software/License/MIT.pm
lib/Software/License/Mozilla_1_0.pm
lib/Software/License/Mozilla_1_1.pm
lib/Software/License/Mozilla_2_0.pm
lib/Software/License/None.pm
lib/Software/License/OpenSSL.pm
lib/Software/License/Perl_5.pm
lib/Software/License/PostgreSQL.pm
lib/Software/License/QPL_1_0.pm
lib/Software/License/SSLeay.pm
lib/Software/License/Sun.pm
lib/Software/License/Zlib.pm
lib/Software/LicenseUtils.pm
t/000-report-versions-tiny.t
t/basic.t
t/bsd-url.t
t/custom-license
t/custom.t
t/guess_meta_license.t
t/meta-names.t
t/round-trip.t
t/short_name.t
t/utils.t
xt/release/changes_has_content.t
xt/release/pod-syntax.t
use strict;
use warnings;
use Test::More 0.88;
# This is a relatively nice way to avoid Test::NoWarnings breaking our
# expectations by adding extra tests, without using no_plan. It also helps
# avoid any other test module that feels introducing random tests, or even
# test plans, is a nice idea.
our $success = 0;
END { $success && done_testing; }

# List our own version used to generate this
my $v = "\nGenerated by Dist::Zilla::Plugin::ReportVersions::Tiny v1.10\n";

eval {                     # no excuses!
    # report our Perl details
    my $want = '5.006';
    $v .= "perl: $] (wanted $want) on $^O from $^X\n";
};
defined($@) and diag("$@");

# Now, our module version dependencies:
sub pmver {
    my ($module, $wanted) = @_;
    $wanted = " (want $wanted)";
    my $pmver;
    eval "require $module;";
    if ($@) {
        if ($@ =~ m/Can't locate .* in @INC/) {
            $pmver = 'module not found.';
        } else {
            diag("$[ module]: $@ ");
            $pmver = 'died during require.';
        }
    } else {
        my $version;
        eval { $version = $module->VERSION; };
        if ($@) {
            diag("${ module}: $@ ");
            $pmver = 'died during VERSION check.';
        } elsif (defined $version) {
            $pmver = "$version";
        } else {
            $pmver = '<undef>'; 
        }
    }
    # So, we should be good, right?
    return sprintf('%-45s => %-10s%-15s%s', $module, $pmver, $wanted, "\n");
}
eval { $v .= pmver('Carp','any version') }
eval { $v .= pmver('Data::Section','any version') }
eval { $v .= pmver('ExtUtils::MakeMaker','6.30') }
eval { $v .= pmver('File::Spec','any version') }
eval { $v .= pmver('IO::Dir','any version') };

...
eval { $v .= pmver('Module::Load','any version') };  
eval { $v .= pmver('Sub::Install','any version') };  
eval { $v .= pmver('Test::More','0.96') };  
eval { $v .= pmver('Text::Template','any version') };  
eval { $v .= pmver('Try::Tiny','any version') };  
eval { $v .= pmver('parent','any version') };  
eval { $v .= pmver('strict','any version') };  
eval { $v .= pmver('warnings','any version') };  

# All done.  
$v .= <<'EOT';

Thanks for using my code. I hope it works for you.  
If not, please try and include this output in the bug report.  
That will help me reproduce the issue and solve your problem.

EOT

diag($v);
ok(1, "we really didn't test anything, just reporting data");

$success = 1;

# Work around another nasty module on CPAN. :/
no warnings 'once';
$Template::Test::NO_FLUSH = 1;
exit 0;
{

"abstract" : "packages that provide templated software licenses",
"author" : [ 
   "Ricardo Signes <rjbs@cpan.org>"]
],
"dynamic_config" : 0,
"generated_by" : "Dist::Zilla version 5.014, CPAN::Meta::Converter version 2.140640",
"license" : [ 
   "perl_5"
],
"meta-spec" : {
    "url" : "http://search.cpan.org/perldoc?CPAN::Meta::Spec",
    "version" : "2"
},
"name" : "Software-License",
"prereqs" : {
    "configure" : { 
      "requires" : { 
        "ExtUtils::MakeMaker" : "6.30"
      }
    }
}.


"name" : "@RJBS/Git::GatherDir",
"version" : "2.020"
},
{
"class" : "Dist::Zilla::Plugin::CheckPrereqsIndexed",
"name" : "@RJBS/CheckPrereqsIndexed",
"version" : "0.011"
},
{
"class" : "Dist::Zilla::Plugin::CheckExtraTests",
"name" : "@RJBS/CheckExtraTests",
"version" : "0.021"
},
{
"class" : "Dist::Zilla::Plugin::PromptIfStale",
"config" : {
"Dist::Zilla::Plugin::PromptIfStale" : {
  "check_all_plugins" : 0,
  "check_all_prereqs" : 0,
  "modules" : [
    "Dist::Zilla::PluginBundle::RJBS"
  ],
  "phase" : "build",
  "skip" : []
}
}
},
"name" : "@RJBS/RJBS-Outdated",
"version" : "0.021"
},
{
"class" : "Dist::Zilla::Plugin::PromptIfStale",
"config" : {
"Dist::Zilla::Plugin::PromptIfStale" : {
  "check_all_plugins" : 1",
  "check_all_prereqs" : 0,
  "modules" : [],
  "phase" : "release",
  "skip" : []
}
}
},
"name" : "@RJBS/CPAN-Outdated",
"version" : "0.021"
},
{
"class" : "Dist::Zilla::Plugin::PruneCruft",
"name" : "@RJBS/@Filter/PruneCruft",
"version" : "5.014"
}
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::MakeMaker",
"config" : {
"Dist::Zilla::Role::TestRunner" : {
"default_jobs" : 9
}
},
"name" : "/RJBS/MakeMaker",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::AutoPrereqs",
"name" : "/RJBS/AutoPrereqs",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::Git::NextVersion",
"name" : "/RJBS/Git::NextVersion",
"version" : "2.020"
},
{
"class" : "Dist::Zilla::Plugin::PkgVersion",
"name" : "/RJBS/PkgVersion",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::MetaConfig",
"name" : "/RJBS/MetaConfig",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::MetaJSON",
"name" : "/RJBS/MetaJSON",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::NextRelease",
"name" : "/RJBS/NextRelease",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::Test::ChangesHasContent",
"name" : "/RJBS/Test::ChangesHasContent",
"version" : "0.006"
},

"class" : "Dist::Zilla::Plugin::PodSyntaxTests",
"name" : "@RJBS/PodSyntaxTests",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::ReportVersions::Tiny",
"name" : "@RJBS/ReportVersions::Tiny",
"version" : "1.10"
},
{
"class" : "Dist::Zilla::Plugin::Prereqs",
"config" : {
"Dist::Zilla::Plugin::Prereqs" : {
"phase" : "test",
"type" : "requires"
}
},
"name" : "@RJBS/TestMoreWithSubtests",
"version" : "5.014"
},
{
"class" : "Dist::Zilla::Plugin::PodWeaver",
"config" : {
"Dist::Zilla::Plugin::PodWeaver" : {
"config_plugins" : [
"@RJBS"
],
"finder" : [
".InstallModules",
":ExecFiles"
],
"plugins" : [
{
"class" : "Pod::Weaver::Plugin::EnsurePod5",
"name" : "@CorePrep/EnsurePod5",
"version" : "4.006"
}
,
{
"class" : "Pod::Weaver::Plugin::H1Nester",
"name" : "@CorePrep/H1Nester",
"version" : "4.006"
}
,
{
"class" : "Pod::Weaver::Plugin::SingleEncoding",
"name" : "@RJBS/SingleEncoding",
"version" : "4.006"
}
,

The Foo-Bar License

Well... this is only some sample text. I'm true... only sample text!!!

Yes, spanning more lines and more paragraphs.

---

abstract: 'packages that provide templated software licenses'

author:
- 'Ricardo Signes <rjbs@cpan.org>'

build_requires:
  Test::More: '0.96'
  Try::Tiny: '0'

configure_requires:
  ExtUtils::MakeMaker: '6.30'

dynamic_config: 0

generated_by: 'Dist::Zilla version 5.014, CPAN::Meta::Converter version 2.140640'

license: perl

meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: '1.4'

name: Software-License

requires:
  Carp: '0'
check_all_prereqs: 0
modules: []
phase: release
skip: []
name: '@RJBS/CPAN-Outdated'
version: '0.021'
-
class: Dist::Zilla::Plugin::PruneCruft
name: '@RJBS/@Filter/PruneCruft'
version: '5.014'
-
class: Dist::Zilla::Plugin::ManifestSkip
name: '@RJBS/@Filter/ManifestSkip'
version: '5.014'
-
class: Dist::Zilla::Plugin::MetaYAML
name: '@RJBS/@Filter/MetaYAML'
version: '5.014'
-
class: Dist::Zilla::Plugin::License
name: '@RJBS/@Filter/License'
version: '5.014'
-
class: Dist::Zilla::Plugin::Readme
name: '@RJBS/@Filter/Readme'
version: '5.014'
-
class: Dist::Zilla::Plugin::ExecDir
name: '@RJBS/@Filter/ExecDir'
version: '5.014'
-
class: Dist::Zilla::Plugin::ShareDir
name: '@RJBS/@Filter/ShareDir'
version: '5.014'
-
class: Dist::Zilla::Plugin::Manifest
name: '@RJBS/@Filter/Manifest'
version: '5.014'
-
class: Dist::Zilla::Plugin::TestRelease
name: '@RJBS/@Filter/TestRelease'
version: '5.014'
-
class: Dist::Zilla::Plugin::ConfirmRelease
name: '@RJBS/@Filter/ConfirmRelease'
version: '5.014'
-
class: Dist::Zilla::Plugin::UploadToCPAN
name: '@RJBS/@Filter/UploadToCPAN'
version: '5.014'

- class: Dist::Zilla::Plugin::MakeMaker
  config:
    Dist::Zilla::Role::TestRunner:
      default_jobs: 9
    name: '@RJBS/MakeMaker'
    version: '5.014'

- class: Dist::Zilla::Plugin::AutoPrereqs
  name: '@RJBS/AutoPrereqs'
  version: '5.014'

- class: Dist::Zilla::Plugin::Git::NextVersion
  name: '@RJBS/Git::NextVersion'
  version: '2.020'

- class: Dist::Zilla::Plugin::PkgVersion
  name: '@RJBS/PkgVersion'
  version: '5.014'

- class: Dist::Zilla::Plugin::MetaConfig
  name: '@RJBS/MetaConfig'
  version: '5.014'

- class: Dist::Zilla::Plugin::MetaJSON
  name: '@RJBS/MetaJSON'
  version: '5.014'

- class: Dist::Zilla::Plugin::NextRelease
  name: '@RJBS/NextRelease'
  version: '5.014'

- class: Dist::Zilla::Plugin::Test::ChangesHasContent
  name: '@RJBS/Test::ChangesHasContent'
  version: '0.006'

- class: Dist::Zilla::Plugin::PodSyntaxTests
  name: '@RJBS/PodSyntaxTests'
  version: '5.014'

- class: Dist::Zilla::Plugin::ReportVersions::Tiny
  name: '@RJBS/ReportVersions::Tiny'
  version: '1.10'

- class: Dist::Zilla::Plugin::Prereqs
  config:
Dist::Zilla::Plugin::Prereqs:
  phase: test
  type: requires
  name: '@RJBS/TestMoreWithSubtests'
  version: '5.014'

- class: Dist::Zilla::Plugin::PodWeaver
  config:
    Dist::Zilla::Plugin::PodWeaver:
      config_plugins:
        - '@RJBS'
      finder:
        - ':InstallModules'
        - ':ExecFiles'
      plugins:
        - class: Pod::Weaver::Plugin::EnsurePod5
          name: '@CorePrep/EnsurePod5'
          version: '4.006'
        - class: Pod::Weaver::Plugin::H1Nester
          name: '@CorePrep/H1Nester'
          version: '4.006'
        - class: Pod::Weaver::Plugin::SingleEncoding
          name: '@RJBS/SingleEncoding'
          version: '4.006'
        - class: Pod::Weaver::Section::Name
          name: '@RJBS/Name'
          version: '4.006'
        - class: Pod::Weaver::Section::Version
          name: '@RJBS/Version'
          version: '4.006'
        - class: Pod::Weaver::Section::Region
          name: '@RJBS/Prelude'
          version: '4.006'
        - class: Pod::Weaver::Section::Generic
          name: '@RJBS/Synopsis'
          version: '4.006'
        - class: Pod::Weaver::Section::Generic
          name: '@RJBS/Description'
          version: '4.006'

use strict;
use warnings;

use Test::More tests => 26;
use Software::LicenseUtils;
use Try::Tiny;

sub _hack_guess_license_from_meta {
    my $license_str = shift;
    my @guess;
    try {
        my $hack = 'license : ' . $license_str;
        @guess = Software::LicenseUtils->guess_license_from_meta($hack);
    }
    return @guess;
}

my @cpan_meta_spec_licence_name = qw(agpl_3 apache_1_1 apache_2_0 artistic_1 artistic_2 bsd freebsd gfdl_1_2 gfdl_1_3 gpl_1 gpl_2 gpl_3 lgpl_2_1 lgpl_3_0 mit mozilla_1_0 mozilla_1_1 openssl perl_5 qpl_1_0 ssleay sun zlib);
foreach my $license_name (@cpan_meta_spec_licence_name) {
    my @guess = _hack_guess_license_from_meta($license_name);
    ok(@guess, "$license_name -> @guess");
}

is_deeply(
    [ Software::LicenseUtils->guess_license_from_meta_key('artistic_2', 2) ],
    [ 'Software::License::Artistic_2_0' ],
);

is_deeply(
    [ Software::LicenseUtils->guess_license_from_meta_key('gpl_3', 2) ],
    [ 'Software::License::GPL_3' ],
);

is_deeply(
    [ Software::LicenseUtils->guess_license_from_meta_key('gpl_3', 1) ],
    [ ].
);

done_testing;

#!perl
use strict;
use warnings;
use Test::More tests => 6;

my $class = 'Software::LicenseUtils';
require_ok($class);

my $license = $class->new_from_short_name(
    short_name => 'GPL-1',
    holder => 'X. Ample'
);

is($license->holder, 'X. Ample', '(c) holder');
is($license->year, (localtime)[5]+1900, '(c) year');
is_ok($license, 'Software::License::GPL_1', "license class");
like($license->name, qr/version 1/i, "license name");
like($license->fulltext, qr/general public/i, 'license text');

Revision history for Software-License

0.103010 2014-03-29 22:13:19-04:00 America/New_York
- fix guess_license_from_pod's return on GPL licenses
  (thanks, Syohei YOSHIDA!)

0.103009 2014-02-20 22:19:45-05:00 America/New_York
- Updated FSF mailing address in license text for GFDL versions 1.2,
GPL versions 1 & 2, and LGPL 2.1

0.103008 2013-11-16 22:37:14 America/New_York
- faster! thanks, charsbar!
- add new_from_short_name to LicenseUtils for spdx.org-style
  short names; thanks, Dominique Dumont!
- avoid double trailing dots in expanded licenses; thanks, Dave Rolsky!
- fix some errors in (3-clause) BSD license text
- the 2-clause BSD ("FreeBSD") license no longer incorrectly puts
  "FreeBSD" as the owner in the license full text

0.103007 2013-10-26 19:57:05 America/New_York
  fix regex to allow guessing from meta things like perl_5 (thanks,
  Kevin Dawson!)

    replace 'use base' with 'use parent'

0.103006 2013-10-20 14:17:53 America/New_York
  try harder to identify licenses from all installed License classes;
  this is an @INC-scanning change, so be vigilant; thanks, David
  Golden!

0.103005 2012-12-08 16:15:30 America/New_York
  add MPL 2.0 (thanks, Bernhard Amann)

0.103004 2011-11-02 21:44:26 America/New_York
  update FSF's address

0.103003 2011-10-31 23:14:47 America/New_York
  use more direct links to GFDL 1.2 and 1.3

0.103002 2011-06-01 22:34:06 America/New_York
  add GFDL 1.3

0.103001 2011-04-28 07:20:39 America/New_York
  re-import text of GPL 1 and 2 to get new FSF address (RT #67795)

0.103000 2011-03-31 22:31:03 America/New_York
  improve method dependency chains (thanks, Flavio Poletti)

    add Custom license to stick the whole license in a file
    -- still probably a bit experimiental -- thanks, Flavio Poletti

0.102341 2010-12-11 10:22:56 America/New_York
  add note to Artistic 2 that it's GPL compatible

0.102340 2010-08-22 23:25:01 America/New_York
  add PostgreSQL
alter the output of None to look a bit less repetitive (ABRAXXA)

LGPL_3_0 now includes GPL_3 in its fulltext (RT #47135)

"None" should be "restrictive" on 1.4, not "restricted"

Artistic licenses' meta2_name should not have a trailing _0

add the meta2_name method for META.json files in schema v2

added the None and CC0_1_0 licenses for the far ends of the spectrum (thanks to Brian Phillips for None)

up the Test::More prereq

add meta_name to almost all remaining licenses, and add a test

add meta_name to Artistic 2 (thanks, Bernardo Rechea)

added guess_license_from_meta which is both JSON and YAML compatible (BRICAS)

clarify references to Perl in Perl_5 license
rename things that were YAML-specific to just be "meta"

add url methods where they were missing (Shlomi Fish)

add repo loc to metadata

fix behavior when guessing multiple items from meta.yml (RT #36805, thanks bricas!)

0.007 2008-06-08
fix detection of the various GNU licences

0.006 2008-06-07
    refactor inline template logic out to Data::Section

0.005 2008-06-01
    add meta_yml_name method

0.004 2008-04-12
    documentation fixes

0.003 2008-04-11
    [CHANGES THAT WILL BREAK YOUR CODE]
    _from_pm is now _from_pod
    "guess" methods return a list

    [ENHANCEMENTS]
    guess_license_from_meta_yml (thanks, Brian Cassidy!)

0.002 2008-04-09
    added Software::LicenseUtils (by request)
    added ->url method to licenses
    fix POD for Mozilla 1.1
    add LGPL 3

0.001 2008-03-18
    minor packaging fixes

0.000 2008-03-18
    pre-release for public evaluation
    #!/perl
    use strict;
    use warnings;

    use Test::More 0.88;

    my @files = <lib/Software/License/*\.pm>;

    for my $module (@files) {
        # It's retired. Dunno if it's okay to be open_source. Punt!
        next if $module =~ /Sun.pm$/;

        my $pkg = $module;
        $pkg =~ s{^lib/}{};
        $pkg =~ s{\.pm$}{};
        $pkg =~ s{/}{::}g;

        eval "require $pkg; 1";
ok(defined $pkg-&gt;meta_name, "$pkg provide meta_name");
}

done_testing;

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Version 3, 19 November 2007

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source code to the public.

The GNU Affero General Public License is designed specifically to
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to the community. It requires the operator of a network server to provide the source code of the modified version running there to the users of that server. Therefore, public use of a modified version, on a publicly accessible server, gives the public access to the source code of the modified version.

An older license, called the Affero General Public License and published by Affero, was designed to accomplish similar goals. This is a different license, not a version of the Affero GPL, but Affero has released a new version of the Affero GPL which permits relicensing under this license.

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```perl
#!/usr/bin/perl
use strict;
use warnings;
use Test::More;
use Software::License::Custom;

my $slc = Software::License::Custom->new(
    holder => 'A. U. Thor',
    year => 1972,
    filename => 't/custom-license'
);
```
isa_ok($slc, 'Software::License');

is($slc->name, 'The Foo-Bar License', 'name');
is($slc->url, 'http://www.example.com/foo-bar.txt', 'url');
is($slc->meta_name, 'foo_bar_meta', 'meta_name');
is($slc->meta2_name, 'foo_bar_meta2', 'meta2_name');
is($slc->notice, <<'END_OF_NOTICE', 'notice');
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END_OF_NOTICE
is($slc->license, <<'END_OF_LICENSE', 'license');
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Yes, spanning more lines and more paragraphs.
END_OF_LICENSE
is($slc->fulltext, <<'END_OF_FULLTEXT', 'fulltext');
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END_OF_FULLTEXT

done_testing;

1.1327 util-linux 2.23.2-65.el7

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NR START   END SECTORS SIZE NAME UUID
1 32 7679 7648 3.7M 8f8378c0-01
2 7680 16383 8704 4.3M 8f8378c0-02
5 7936 12799 4864 2.4M
6 12544 16127 3584 1.8M
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/fixes/fix_has_key.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_apply.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/fixes/fix_apply.py

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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/distutils/cygwinccompiler.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/distutils/command/bdist_msi.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/distutils/command/bdist_msi.py

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('binary-only', None,
"cannot supply both '--source-only' and '--binary-only'")
'License: ' + self.distribution.get_license(),

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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.3/Lib/distutils/command/bdist_rpm.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/distutils/command/bdist_rpm.py
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```python
file.write('License: %s\n' % self.get_license())

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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/distutils/dist.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/distutils/dist.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/distutils/dist.py

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# A grammar to describe tree matching patterns.
# Not shown here:
# - 'TOKEN' stands for any token (leaf node)
# - 'any' stands for any node (leaf or interior)
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative (| Alternative)*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] ( STRING [Repeater]
 | NAME [Details] [Repeater]
 | (' Alternatives ') [Repeater]
 | [' Alternatives ']
 )

NegatedUnit: 'not' (STRING | NAME [Details] | (' Alternatives '))

Repeater: '*' | '+' | [' NUMBER [' NUMBER] ']'}
Details: '<' Alternatives '>

Found in path(s):
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/PatternGrammar.txt
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/lib2to3/PatternGrammar.txt
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/PatternGrammar.txt
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/PatternGrammar.txt

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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Modules/_tkinter.c
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Modules/_tkinter.c
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Modules/_tkinter.c
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Modules/_tkinter.c

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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/distutils/spawn.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/distutils/spawn.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/distutils/spawn.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3-9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/distutils/spawn.py
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/lib2to3/fixes/fix_xrange.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/lib2to3/fixes/fix_map.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_map.py
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_dict.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/lib2to3/fixes/fix_buffer.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/fixes/fix_map.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/fixes/fix_filter.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/lib2to3/fixes/fix_map.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/fixes/fix_types.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9-2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.8/Lib/lib2to3/fixes/fix_standarderror.py
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/__init__.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/literals.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/conv.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/parse.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/literals.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/conv.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.10/Lib/lib2to3/pgen2/grammar.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdblib-extensions-3-9-2-orig-tar-xz/python3-stdblib-extensions-3.9.2/3.8/Lib/lib2to3/pgen2/literals.py
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.7/Lib/lib2to3/pgen2/tokenize.py
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* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.9/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.10/Lib/lib2to3/pgen2/tokenize.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/pgen2/driver.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.2.10/Lib/lib2to3/pgen2/driver.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/pgen2/driver.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.2.10/Lib/lib2to3/pgen2/driver.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.6/Lib/lib2to3/pgen2/driver.py
* /opt/cola/permits/1165786362_1639655896.34/0/python3-stdlib-extensions-3.9.2-orig-tar-xz/python3-stdlib-extensions-3.9.2/3.2.10/Lib/lib2to3/pgen2/driver.py

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1.1341 djvulibre 3.5.28-2

1.1341.1 Available under license:

This package was debianized by Barak Pearlmutter <bap@debian.org> on Wed, 29 May 2002 15:43:15 -0600.

It was downloaded from http://djvu.sourceforge.net/
git://git.code.sf.net/p/djvu/djvulibre-git

Upstream Authors:

DjVuLibre Credits, from http://djvu.sourceforge.net/credits.html

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Compression Science: Leon Bottou, Paul Howard, Yann LeCun,
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Codec Libraries, File Format Design: Leon Bottou, Patrick Haffner,
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Plugins, Viewers: Leon Bottou, Andrew Erofeev, Ming Chen,
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Command Line Programs: Leon Bottou, Bill C Riemers, Mike Houser.
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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
  module-Build mailing list at <module-build@perl.org>.'"
builtRequires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generatedBy: 'Module::Build version 0.3608'
license: gpl
metaSpec:
  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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<one line to give the program's name and a brief idea of what it does.>
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If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

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.

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 a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

That's all there is to it!

#!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

test.pl

use TestInit;
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: $!";
}
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@center Version 2.1, February 1999

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September 1, 2016
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1.1358 json-smart 2.3

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1.1369 node.js 10.15.2

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1.1372 javax-batch-api 1.0

1.1373 libsepol 2.3-2
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1.1375 logstash-output-null 3.0.5

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1.1376 zlib 1.2.8.dfsg-2ubuntu4.3

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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013

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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).

/*

1.1377 init-system-helpers 1.22

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1.1380 apache-log4j 1.2.15

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The class org.apache.lucene.util.WeakIdentityMap was derived from
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The snowball stemmers in
analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
analysis/common/src/resources/org/apache/lucene/analysis/snowball
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
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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The Arabic, Persian, Romanian, Bulgarian, Hindi and Bengali analyzers (common) come with a default
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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/es/SpanishMinimalStemmer.java
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analysis/common/src/java/org/apache/lucene/analysis/it/ItalianMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishMinimalStemmer.java
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1.1387 msgpack 1.4.2
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1.1388 sqlite 3.34.1-3

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Upstream-Name: sqlite3
Source: https://www.sqlite.org/cgi/src/dir?ci=trunk

Files: *
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1.1389 libpod-readme-perl 0.11-1

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=head1 DESCRIPTION

This module is a subclass of L<Pod::PlainText> which provides additional POD markup for generating F<README> files.

Why should one bother with this? One can simply use

    pod2text Module.pm > README

A problem with doing that is that the default L<pod2text> converter will add text to links, so that "LZ<><Module>" is translated to "the Module manpage".

Another problem is that the F<README> includes the entirety of the module documentation! Most people browsing the F<README> file do not need all of this information.

Likewise, including installation and requirement information in the module documentation is not necessary either, since the module is already installed.
This module allows authors to mark portions of the POD to be included only in, or to be excluded from the F<README> file. It also allows you to include portions of another file (such as a separate F<ChangeLog>).

=begin readme

See the module documentation for more details.

=end readme

=for readme stop

=head2 Markup

Special POD markup options are described below:

=over

=item begin/end

=begin readme

=head1 README ONLY

This section will only show up in the README file.

=end readme

Delineates a POD section that is only available in README file. If you prefer to include plain text instead, add the C<text> modifier:

=begin readme text

README ONLY (PLAINTEXT)

This section will only show up in the README file.

=end readme

Note that placing a colon before the section to indicate that it is POD (e.g. C<begin :readme>) is not supported in this version.

=item stop/continue

=for readme stop

All POD that follows will not be included in the README, until
a `continue` command occurs:

```
=for readme continue
```

```
=item include
```

```
=for readme include file=filename type=type start=Regexp stop=Regexp
```

```
=for readme include file=Changes start=^0.09 stop=^0.081 type=text
```

Includes a plaintext file named `F<filename>`, starting with the line that contains the start `C<Regexp>` and ending at the line that begins with the stop `C<Regexp>`. (The start and stop Regexps are optional: one or both may be omitted.)

Type may be `C<text>` or `C<pod>`. If omitted, `C<pod>` will be assumed.

Quotes may be used when the filename or marks contains spaces:

```
=for readme include file="another file.pod"
```

```
=back
```

One can also maintain multiple file types (such as including `F<TODO>` or `F<COPYING>`) by using a modified constructor:

```
$parser = Pod::Readme->new( readme_type => "copying" );
```

In the above `L</Markup>` commands replace "readme" with the tag specified instead (such as "copying"): 

```
=begin copying
```

As of version 0.03 you can specify multiple sections by separating them with a comma:

```
=begin copying,readme
```

There is also no standard list of type names. Some names might be recognized by other POD processors (such as "testing" or "html"). `L<Pod::Readme>` will reject the following "known" type names when they are specified in the constructor:

```
  testing html xhtml xml docbook rtf man nroff dsr rno latex tex code
```

You can also use a "debug" mode to diagnose any problems, such as mistyped format names:
$parser = Pod::Readme->new( debug => 1 );

Warnings will be issued for any ignored formatting commands.

=head2 Example

For an example, see the F<Readme.pm> file in this distribution.

=head1 SEE ALSO

See L<perlpod>, L<perlpodspec> and L<podlators>.

=head1 AUTHOR

Originally by Robert Rothenberg <rrwo at cpan.org>

Now maintained by David Precious <davidp@preshweb.co.uk>

=head2 Suggestions, Bug Reporting and Contributing

This module is developed on GitHub at:

http://github.com/bigpresh/Pod-Readme

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=cut

Found in path(s):
* /opt/cola/permits/1176333824_1624689222.6/0/libpod-readme-perl-0-11-orig-1-tar-gz/Pod-Readme-0.11/lib/Pod/Readme.pm
No license file was found, but licenses were detected in source scan.

=head1 NAME

pod2readme - script to convert POD to README file

=head1 SYNOPSIS
pod2readme lib/Some/Module.pm

=head1 DESCRIPTIONS

Converts POD in the specified file to a README text file. If a second argument is given, it will use that as the output file and assume that is the type of file to export:

    pod2readme Module.pm COPYING

If need be, this can be overridden in cases where the output file is not the same as the type, using a third argument:

    pod2readme Module.pm Module-Install.HOWTO install

=head1 SEE ALSO

L<Pod::Readme>

=head1 AUTHOR

Robert Rothenberg <rrwo at cpan.org>

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=cut

Found in path(s):
* /opt/cola/permits/1176333824_1624689222.6/0/libpod-readme-perl-0-11-orig-1-tar-gz/Pod-Readme-0.11/bin/pod2readme
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license: perl

Found in path(s):
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1.1390 hk2-utils 2.5.0-b05
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1.1392 opensaml-xmlsec-api 3.3.0

1.1393 ncurses 6.1+20181013 2+deb10u2
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1.1394 mawk 1.3.3 17+b3

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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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* java.sun.security.ssl

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

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org.apache.tomcat:tomcat-util-scan
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org.eclipse.jetty.toolchain:jetty-schemas

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1.1406 snake-yaml 1.18

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1.1408 logstash-codec-multiline 3.1.1

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1.1409 jersey-server 2.22.1

1.1410 commons-lang3 3.8.1

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1.1411 kerberos 1.17-3+deb10u1

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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
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
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slave/kpropd_rpc.c
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1.1414 buftok 0.2.0

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1.1415 pflag 1.0.5

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1.1416 readline 7.0 5

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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.

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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
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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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Assorted

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.1428 guava 15.0

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###########################################################################
# X-Windows bitmap (b/w)
image/x-xbitmap
# X-Windows pixelmap (8-bit color)
image/x-xpixmap
# Portable Network Graphics
image/png
# Scalable Vector Graphics
image/svg+xml
# Image Exchange Format (RFC 1314)
image/ief
# RGB
image/rgb
# Group III Fax (RFC 1494)
image/g3fax
# X Windowdump format
image/x-xwindowdump
# Macintosh PICT format
image/x-pict
# PPM (UNIX PPM package)
image/x-portable-pixmapppm
# PGM (UNIX PPM package)
image/x-portable-graymappgm
# PBM (UNIX PPM package)
image/x-portable-bitmappbm
# PNM (UNIX PPM package)
image/x-portable-anymappnm
# Microsoft Windows bitmap
image/x-ms-bmp
# CMU raster
image/x-cmu-rasterras
# Kodak Photo-CD
image/x-photo-cdpdcd
# Computer Graphics Metafile
image/cgm
# CALS Type 1 or 2
image/x-calsmil cal
# Fractal Image Format (Iterated Systems)
image/fif
# QuickSilver active image (Micrografx)
image/x-mgx-dsf
# CMX vector image (Corel)
image/x-cmxcmx
# Wavelet-compressed (Summus)
image/waveletwi
# AutoCad Drawing (SoftSource)
image/vnd.dwg
# AutoCad DXF file (SoftSource)
image/vnd.dxf
# Simple Vector Format (SoftSource)
image/vnd.svf

# AUDIO/VOICE/MUSIC RELATED TYPES

# ""basic""audio - 8-bit u-law PCM"
audio/basic

# Macintosh audio format (AIpple)
audio/x-aiff aiff aifc

# Microsoft audio
audio/x-wavwav

# MPEG audio
audio/x-mpegmpa abs mpega

# MPEG-2 audio
audio/x-mpeg-2mp2a mpa2

# compressed speech (Echo Speech Corp.)
audio/echospeeches

# Toolvox speech audio (Voxware)
audio/voxware

# RapidTransit compressed audio (Fast Man)
application/fastmanlcc

# Realaudio (Progressive Networks)
application/x-pn-realaudio ram

# MIDI music data
x-music/x-midi

# Koan music data (SSeyo)
application/vnd.koan

# Speech synthesis data (MVP Solutions)
text/x-speechtalk

# VIDEO TYPES

# MPEG video
video/mpgmpg mpg mpe

# MPEG-2 video
video/mpeg-2mpv2 mp2v

# Macintosh Quicktime
video/quicktimeqt mov

# Microsoft video
video/x-msvideoavi

# SGI Movie format
video/x-sgi-movie

# VDOlive streaming video (VDOnet)
video/vdovdo

# Vivo streaming video (Vivo software)
video/vnd.vivoviv

# SPECIAL HTTP WEB APPLICATION TYPES
# Proxy autoconfiguration (Netscape browsers)
application/x-ns-proxy-autoconfig

# Netscape Cooltalk chat data (Netscape)
x-conference/x-cooltalk

# TEXT-RELATED

# PostScript
application/postscript ai eps ps

# Microsoft Rich Text Format
application/rtf

# Adobe Acrobat PDF
application/pdf

# Maker Interchange Format (FrameMaker)
application/vnd.mifmif

# Troff document
application/x-troff tr roff

# Troff document with MAN macros
application/x-troff-manman

# Troff document with ME macros
application/x-troff-meme

# Troff document with MS macros
application/x-troff-msms

# LaTeX document
application/x-latexlatex

# TeX/LaTeX document
application/x-tex
tex

texinfo texinfo
texinfo

texinfo

# TeX dvi format
application/x-dvidvi

# MS word document
application/msworddoc DOC

# Office Document Architecture
application/odaoda

# Envoy Document
application/envoyevy

# ARCHIVE/COMPRESSED ARCHIVES

# Gnu tar format
application/x-gturgtar

# 4.3BSD tar format
application/x-tartar

# POSIX tar format
application/x-ustarustar

# Old CPIO format
application/x-bcpio
# POSIX CPIO format
application/x-cpio
# UNIX sh shell archive
application/x-shar
# DOS/PC - Pkzipped archive
application/zip
# Macintosh Binhexed archive
application/mac-binhex40
# Macintosh Stuffit Archive
application/x-stuffit
# Fractal Image Format
application/fractals
# "Binary UUencoded"
application/octet-stream
# PC executable
application/octet-stream
# "WAIS "sources"
application/x-wais-sources
# NCSA HDF data format
application/hdf

# DOWNLOADABLE PROGRAM/SCRIPTS

# Javascript program
text/javascript
application/javascript
# UNIX bourne shell program
application/x-sh
# UNIX c-shell program
application/x-csh
# Perl program
application/x-perl
# Tcl (Tool Control Language) program
application/x-tcl

# ANIMATION/MULTIMEDIA

# FutureSplash vector animation (FutureWave)
application/futuresplash
# mBED multimedia data (mBED)
application/mbedlet
# PowerMedia multimedia (RadMedia)
application/x-rad-powermediarad

# PRESENTATION

# PowerPoint presentation (Microsoft)
application/mspowerpoint
application/officepresentation
# ASAP WordPower (Software Publishing Corp.)
application/x-asapasp

# Astound Web Player multimedia data (GoldDisk)
application/astoundasn

# SPECIAL EMBEDDED OBJECT

# OLE script e.g. Visual Basic (Ncompass)
application/x-olescriptaxs

# OLE Object (Microsoft/NCompass)
application/x-oleobjectodds

# OpenScape OLE/OCX objects (Business@Web)
x-form/x-openscapeopp

# Visual Basic objects (Amara)
application/x-webbasicwba

# Specialized data entry forms (Alpha Software)
application/x-alpha-formfrm

# client-server objects (Wayfarer Communications)
x-script/x-wfxclientwfx

# GENERAL APPLICATIONS

# Undefined binary data (often executable progs)
application/octet-stream exe com

# Pointcast news data (Pointcast)
application/x-pcnpcn

# Excel spreadsheet (Microsoft)
application/vnd.ms-excelxls

# PowerPoint (Microsoft)
application/vnd.ms-powerpointppt

# Microsoft Project (Microsoft)
application/vnd.ms-projectmpp

# SourceView document (Dataware Electronics)
application/vnd.svdsvd

# Net Install - software install (20/20 Software)
application/x-net-installins

# Carbon Copy - remote control/access (Microcom)
application/ccvccv

# Spreadsheets (Visual Components)
workbook/formulaonevts

# 2D/3D DATA/VIRTUAL REALITY TYPES

# VRML data file
x-world/x-vrmlwrl vrm1

# WIRL - VRML data (VREAM)
x-world/x-vreamvrmw

# Play3D 3d scene data (Play3D)
application/x-p3d3d
# Viscape Interactive 3d world data (Superscape)
x-world/x-svrsvr
# WebActive 3d data (Plastic Thought)
x-world/x-wrrwvr
# QuickDraw3D scene data (Apple)
x-world/x-3dmf3dmf

# SCIENTIFIC/MATH/CAD TYPES

# Mathematica notebook
application/mathematica
# Computational meshes for numerical simulations
x-model/x-meshmsh
# Vis5D 5-dimensional data
application/vis5dv5d
# IGES models -- CAD/CAM (CGM) data
application/igesigs
# Autocad WHIP vector drawings
drawing/x-dwf/dwf

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1.1437 netbsd-resolv 2.19-18+deb8u10

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1.1444 apache-log4j 1.2.17

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1.1447 apk-tools 2.10.3-r1

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1.1450 binutils 2.27-43.base.el7_8.1
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concluded that weaker conditions might promote sharing better.

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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.

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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.

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.
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@end enumerate

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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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How do I know? Well, James Bond had the (license to kill) number 007.
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1.1472 e2fsprogs 1.42.9 13.el7
**1.1472.1 Available under license:**

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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/*

Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
/*/ 
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

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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 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 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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# 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)
#

clean::

RM = $(RM)
$RM -rf pic
$RM -f $(BSD_LIB)
$RM -f ../$(BSD_LIB)

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Theodore Ts'o
23-June-2007

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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/scheduling/quartz/QuartzJobBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/mail/MailSender.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/mail/javamail/InternetAddressEditor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/ui/freemarker/FreeMarkerTemplateUtils.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/cache/ehcache/EhCacheManagerUtils.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/cache/jcache/interceptor/CacheRemoveAllOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1.jar/org/springframework/cache/jcache/interceptor/CacheRemoveAllOperation.java
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# Modified extensions registered in this file:
# text/plain			java c c++ cpp pl cc h
# image/png				png
# image/svg+xml			svg
# text/html				html htm HTML HTM
text/plain				txt text TXT TEXT java c c++ cpp pl cc h
image/gif				gif GIF
image/iefief
image/jpegjpeg jpg jpe JPG
image/tiffiff tif
image/x-xwindowdumpxwd
application/postscriptai eps ps
application/rtfttf
application/x-textex
application/x-texinfo texi
application/x-troff tr roff
audio/basicau
audio/midimid midi
audio/x-aifcaafc
audio/x-aiffaif aiff
audio/x-mpegmpeg mpg
audio/x-wawwav
video/mpegmpeg mpg mpe
video/quicktimeqt mov
video/x-msvideoavi

# Additional file types adapted from
# http://sites.utoronto.ca/webdocs/HTMLdocs/Book/Book-3ed/appb/mimetype.html
# kindly re-licensed to Apache Software License 2.0 by Ian Graham.
#
# CMX vector image (Corel)
image/x-cmxcmx

# Wavelet-compressed (Summus)
image/waveletwi

# AutoCad Drawing (SoftSource)
image/vnd.dwg
dwg

# AutoCad DXF file (SoftSource)
image/vnd.dxf
dxf

# Simple Vector Format (SoftSource)
image/vnd.svf
svf

# AUDIO/VOICE/MUSIC RELATED TYPES

# """basic"" audio - 8-bit u-law PCM"
audio/basic

# Macintosh audio format (AIpple)
audio/x-aiff
aiff aifc

# Microsoft audio
audio/x-wav
wav

# MPEG audio
audio/x-mpeg mpeg

# MPEG-2 audio
audio/x-mpeg-2 mp2a mpa2

# compressed speech (Echo Speech Corp.)
audio/echospeech

# Toolvox speech audio (Voxware)
audio/voxware
vos

# RapidTransit compressed audio (Fast Man)
application/fastmanlcc

# Realaudio (Progressive Networks)
application/x-pn-realaudio ram

# MIDI music data
x-music/x-midi

# Koan music data (SSeyo)
application/vnd.koan skp

# Speech synthesis data (MVP Solutions)
text/x-speechtalk

# VIDEO TYPES

# MPEG video
video/mpeg
mpeg mpe

# MPEG-2 video
video/mpeg-2v
mp2v

# Macintosh Quicktime
video/quicktime
mov

# Microsoft video
video/x-msvideo
avi
# SGI Movie format
video/x-sgi-moviemovie
# VDOlive streaming video (VDOnet)
video/vdovdo
# Vivo streaming video (Vivo software)
video/vnd.vivo

# SPECIAL HTTP/WEB APPLICATION TYPES

# Proxy autoconfiguration (Netscape browsers)
application/x-ns-proxy-autoconfigpac
# Netscape Cooltalk chat data (Netscape)
x-conference/x-cooltalkice

# TEXT-RELATED

# PostScript
application/postscriptai eps ps
# Microsoft Rich Text Format
application/rtffrtf
# Adobe Acrobat PDF
application/pdfpdf
# Maker Interchange Format (FrameMaker)
application/vnd.mifmif
# Troff document
application/x-troff tr roff
# Troff document with MAN macros
application/x-troff-manman
# Troff document with ME macros
application/x-troff-meme
# Troff document with MS macros
application/x-troff-msms
# LaTeX document
application/x-latexlatex
# TeX/LateX document
application/x-textlatex
# GNU TexInfo document
application/x-texinfotexinfo texi
# TeX dvi format
application/x-dvidvi
# MS word document
application/mswordmsworddoc DOC
# Office Document Architecture
application/odaoda
# Envoy Document
application/envoyevy

# ARCHIVE/COMPRESSED ARCHIVES
# Gnu tar format
classification/x-gtar
declaration/x-tar
# 4.3BSD tar format
classification/x-tar
declaration/x-ustar
# POSIX tar format
classification/x-bcpio
declaration/x-cpio
# Old CPIO format
classification/x-bcpio
declaration/x-cpio
# UNIX sh shell archive
classification/x-sh
declaration/x-shar
# DOS/PC - Pkzipped archive
classification/zip
# Macintosh Binhexed archive
classification/mac-binhex40
# Macintosh Stuffit Archive
classification/mac-stuffit
# Fractal Image Format
classification/fractals
# "Binary UUencoded"
classification/octet-stream
# PC executable
classification/octet-stream
# "WAIS "sources"
classification/x-wais-sources
# NCSA HDF data format
classification/hdf

# DOWNLOADABLE PROGRAM/SCRIPTS

text/javascript
# Javascript program
declaration/javascript
# UNIX bourne shell program
classification/x-sh
# UNIX c-shell program
classification/x-csh
# Perl program
classification/x-perl
# Tcl (Tool Control Language) program
classification/x-tcl

# ANIMATION/MULTIMEDIA

# FutureSplash vector animation (FutureWave)
classification/futuresplash
# mBED multimedia data (mBED)
application/mbedletmbd
# PowerMedia multimedia (RadMedia)
application/x-rad-powermediarad

# PRESENTATION

# PowerPoint presentation (Microsoft)
application/mspowerpointppz
# ASAP WordPower (Software Publishing Corp.)
application/x-asapasp
# Astound Web Player multimedia data (GoldDisk)
application/astoundasasn

# SPECIAL EMBEDDED OBJECT

# OLE script e.g. Visual Basic (Ncompass)
application/x-olescriptaxs
# OLE Object (Microsoft/NCompass)
application/x-oleobjectods
# OpenScape OLE/OCX objects (Business@Web)
x-form/x-openscapeopp
# Visual Basic objects (Amara)
application/x-webbasicwba
# Specialized data entry forms (Alpha Software)
application/x-alpha-formfrm
# client-server objects (Wayfarer Communications)
x-script/x-wfxclientwfx

# GENERAL APPLICATIONS

# Undefined binary data (often executable progs)
application/octet-streamexe com
# Pointcast news data (Pointcast)
application/x-pcnpcm
# Excel spreadsheet (Microsoft)
application/vnd.ms-excelxls
# PowerPoint (Microsoft)
application/vnd.ms-powerpointppt
# Microsoft Project (Microsoft)
application/vnd.ms-projectmpp
# SourceView document (Dataware Electronics)
application/vnd.svdsvd
# Net Install - software install (20/20 Software)
application/x-net-installins
# Carbon Copy - remote control/access (Microcom)
application/ccvccv
# Spreadsheets (Visual Components)
workbook/formulaonevts
# 2D/3D DATA/VIRTUAL REALITY TYPES

# VRML data file
x-world/x-vrmlvrml
# WIRL - VRML data (VREAM)
x-world/x-vreamvrw
# Play3D 3d scene data (Play3D)
application/x-p3dp3d
# Viscape Interactive 3d world data (Superscape)
x-world/x-svrsrvr
# WebActive 3d data (Plastic Thought)
x-world/x-wvrvvr
# QuickDraw3D scene data (Apple)
x-world/x-3dmf3dmf

# SCIENTIFIC/MATH/CAD TYPES

# Mathematica notebook
application/mathematicamathematica
# Computational meshes for numerical simulations
x-model/x-meshmsh
# Vis5D 5-dimensional data
application/vis5dv5d
# IGES models -- CAD/CAM (CGM) data
application/igesiges
text/x-wrxml
# Autocad WHIP vector drawings
drawing/x-dwfdwf

Found in path(s):
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-$ver-jar/org/springframework/mail/javamail/mime.types
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* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/jcache/JCacheCache.java
* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/caffeine/CaffeineCache.java
* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/caffeine/CaffeineCacheManager.java
* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/ehcache/EhCacheCacheManager.java
* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/ehcache/EhCacheCache.java

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* /opt/sha/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/quartz/SchedulerContextAware.java

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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/config/JCacheConfigurerSupport.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/mail/javamail/MimeMessageHelper.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/CacheResultOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/CachePutOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/scheduling/quartz/JobDetailFactoryBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/scheduling/commonj/TimerManagerTaskScheduler.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/scheduling/quartz/SimpleThreadPoolTaskExecutor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/scheduling/quartz/SpringBeanJobFactory.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/config/ProxyJCacheConfiguration.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/DefaultCacheInvocationContext.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/JCacheInterceptor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/mail/MailSendException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/AbstractCacheKeyOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/JCacheOperationSourcePointcut.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/CacheResultInterceptor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/DefaultCacheOperationSource.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/cache/jcache/interceptor/KeyGeneratorAdapter.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
  jar/org/springframework/ui/freemarker/FreeMarkerConfigurationFactory.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/MailPreparationException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/javamail/MimeMessagePreparator.java
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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/commonj/DelegatingTimerListener.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/JobMethodInvocationFailedException.java
1.1474 lz4 1.7.5 2.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, 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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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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package github

import "fmt"

// LicensesService handles communication with the license related methods of the GitHub API.

// License represents an open source license.
type License struct {
    Key  *string `json:"key,omitempty"
}
Name *string `json:"name",omitempty"`
URL  *string `json:"url",omitempty"`

HTMLURL        *string   `json:"html_url",omitempty``
Featured       *bool     `json:"featured",omitempty"`
Description    *string   `json:"description",omitempty"`
Category       *string   `json:"category",omitempty"`
Implementation *string   `json:"implementation",omitempty"`
Required       *[]string `json:"required",omitempty"`
Permitted      *[]string `json:"permitted",omitempty"`
Forbidden      *[]string `json:"forbidden",omitempty"`
Body           *string   `json:"body",omitempty"`

func (l License) String() string {
  return Stringify(l)
}

// List popular open source licenses.
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
  req, err := s.client.NewRequest("GET", "licenses", nil)
  if err != nil {
    return nil, nil, err
  }
  licenses := new([]License)
  resp, err := s.client.Do(req, licenses)
  if err != nil {
    return nil, resp, err
  }
  return *licenses, resp, err
}

// TODO: remove custom Accept header when this API fully launches
req.Header.Set("Accept", mediaTypeLicensesPreview)

licenses := new([]License)
resp, err := s.client.Do(req, licenses)
if err != nil {
  return nil, resp, err
}
return *licenses, resp, err

// Fetch extended metadata for one license.
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
  u := fmt.Sprintf("licenses/%s", licenseName)
  req, err := s.client.NewRequest("GET", u, nil)
  if err != nil {
    return nil, nil, err
  }
  return nil, nil, err
// TODO: remove custom Accept header when this API fully launches
req.Header.Set("Accept", mediaTypeLicensesPreview)

license := new(License)
resp, err := s.client.Do(req, license)
if err != nil {
    return nil, resp, err
}

return license, resp, err

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import: ../../../../fossene/db/schema/thing.yml

fields:
  site: string

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprintf(w, `[
            {"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}
        ]`)
    })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:  String("mit"),
        Name: String("MIT"),
        URL:  String("https://api.github.com/licenses/mit"),
    }}
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()
mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
})
license, _, err := client.Licenses.Get("mit")
if err != nil {
t.Errorf("Licenses.Get returned error: %v", err)
}
want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}
}
func TestLicensesService_Get_invalidTemplate(t *testing.T) {
_, _, err := client.Licenses.Get("%")
testURLParseError(t, err)
}
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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.

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Version 2, June 1991

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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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Because of this blurred distinction, using the ordinary General
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changes in the actual functions of the Library.) The hope is that this
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its purpose remains meaningful.

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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 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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/**
 * {@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
 *
 * @link "https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
  /com/ibm/websphere/management/AdminServiceFactory.html"[@code AdminServiceFactory]
* and
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

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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}
* {@since 4.0}
* {@see Condition}
*/

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* /opt/cola/permits/1150250667_1627682334.43/0/spring-context-5-2-0-release-sources-1-jar/org/springframework/jmx/export/assembler/AbstractReflectiveMBeanInfoAssembler.java
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/**
 * 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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### 1.1501 diffutils 3.7-5

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1.1502 bash 4.2.46 31.el7
1.1502.1 Available under license :

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.INS.CWRU.Edu>)
Received: from deepthought.armory.com (mmdf@deepthought.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@deepthought.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:

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

From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu

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: <9505251618.AA16031@tepui.cli.com>
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. :-)

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groovy

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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/stmt/package.html
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/package.html
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**JSR-241 Groovy Recognizer.**

* Run `java Main [-showtree] directory-full-of-groovy-files`
* [The -showtree option pops up a Swing frame that shows
* the AST constructed from the parser.]

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* Version 1.01 December 10, 1997
  * fixed bug in octal def (0..7 not 0..8)
* Version 1.10 August 1998 (parrt)
  * added tree construction
  * fixed definition of WS,comments for mac,pc,unix newlines
  * added unary plus
* Version 1.11 (Nov 20, 1998)
  * Added "shutup" option to turn off last ambig warning.
  * Fixed inner class def to allow named class defs as statements
  * synchronized requires compound not simple statement
  * add [] after builtInType DOT class in primaryExpression
  * "const" is reserved but not valid..removed from modifiers
* Version 1.12 (Feb 2, 1999)
  * Changed LITERAL_xxx to xxx in tree grammar.
  * Updated java.g to use tokens {...} now for 2.6.0 (new feature).

* Version 1.13 (Apr 23, 1999)
  * Didn't have (stat)? for else clause in tree parser.
  * Didn't gen ASTs for interface extends. Updated tree parser too.
  * Updated to 2.6.0.
* Version 1.14 (Jun 20, 1999)
  * Allowed final/abstract on local classes.
  * Removed local interfaces from methods
  * Put instanceof precedence where it belongs...in relationalExpr
    * It also had expr not type as arg; fixed it.
  * Missing ! on SEMI in classBlock
fixed: (expr) + "string" was parsed incorrectly (+ as unary plus).
fixed: didn't like Object[].class in parser or tree parser

* Version 1.15 (Jun 26, 1999)
* Screwed up rule with instanceof in it. :( Fixed.
* Tree parser didn't like (expr).something; fixed.
* Allowed multiple inheritance in tree grammar. oops.

* Version 1.16 (August 22, 1999)
* Extending an interface built a wacky tree: had extra EXTENDS.
* Tree grammar didn't allow multiple superinterfaces.
* Tree grammar didn't allow empty var initializer: {}

* Version 1.17 (October 12, 1999)
* ESC lexer rule allowed 399 max not 377 max.
* java.tree.g didn't handle the expression of synchronized
  statements.

* Version 1.18 (August 12, 2001)
* Terence updated to Java 2 Version 1.3 by
* observing/combining work of Allan Jacobs and Steve
* Messick. Handles 1.3 src. Summary:
  o primary didn't include boolean.class kind of thing
  o constructor calls parsed explicitly now:
    see explicitConstructorInvocation
  o add strictfp modifier
  o missing objBlock after new expression in tree grammar
  o merged local class definition alternatives, moved after declaration
  o fixed problem with ClassName.super.field
  o reordered some alternatives to make things more efficient
  o long and double constants were not differentiated from int/float
  o whitespace rule was inefficient: matched only one char
  o add an examples directory with some nasty 1.3 cases
  o made Main.java use buffered IO and a Reader for Unicode support
  o supports UNICODE?
    Using Unicode charVocabulary makes code file big, but only
    in the bitsets at the end. I need to make ANTLR generate
    unicode bitsets more efficiently.

* Version 1.19 (April 25, 2002)
* Terence added in nice fixes by John Pybus concerning floating
  constants and problems with super() calls. John did a nice
  reorg of the primary/postfix expression stuff to read better
  and makes f.g.super() parse properly (it was METHOD_CALL not
  a SUPER_CTOR_CALL). Also:
  o "finally" clause was a root...made it a child of "try"
  o Added stuff for asserts too for Java 1.4, but *commented out*
    as it is not backward compatible.

* Version 1.20 (October 27, 2002)

* Terence ended up reorging John Pybus' stuff to
* remove some nondeterminisms and some syntactic predicates.
* Note that the grammar is stricter now; e.g., this(...) must
  be the first statement.
* Trinary ?: operator wasn't working as array name:
  (isBig ? bigDigits : digits)[i];

* Checked parser/tree parser on source for
  Resin-2.0.5, jive-2.1.1, jdk 1.3.1, Lucene, antlr 2.7.2a4,
  and the 110k-line jGuru server source.

* Version 1.21 (October 17, 2003)
  * Fixed lots of problems including:
    * Ray Waldin: add typeDefinition to interfaceBlock in java.tree.g
    * He found a problem/fix with floating point that start with 0
    * Ray also fixed problem that (int.class) was not recognized.
    * Thorsten van Ellen noticed that \n are allowed incorrectly in strings.
    * TJP fixed CHAR_LITERAL analogously.

  * Changes by Matt Quail to support generics (as per JDK1.5/JSR14)
    * Notes:
      * We only allow the "extends" keyword and not the "implements"
        keyword, since that's what JSR14 seems to imply.
      * Thanks to Monty Zukowski for his help on the antlr-interest
        mail list.
      * Thanks to Alan Eliasen for testing the grammar over his
        Fink source base

* Version 1.22 (July, 2004)
  * Changes by Michael Studman to support Java 1.5 language extensions
    * Notes:
      * Added support for annotations types
      * Finished off Matt Quail's generics enhancements to support bound type arguments
      * Added support for new for statement syntax
      * Added support for static import syntax
      * Added support for enum types
      * Tested against JDK 1.5 source base and source base of jdigraph project
      * Thanks to Matt Quail for doing the hard part by doing most of the generics work

* Version 1.22.1 (July 28, 2004)
  * Bug/omission fixes for Java 1.5 language support
    * Fixed tree structure bug with classOrInterface - thanks to Pieter Vangorpto for
      spotting this
    * Fixed bug where incorrect handling of SR and BSR tokens would cause type
      parameters to be recognised as type arguments.
    * Enabled type parameters on constructors, annotations on enum constants
      and package definitions
* o Fixed problems when parsing if ((char.class.equals(c))) {} - solution by Matt Quail at Cenqua

* Version 1.22.2 (July 28, 2004)
* Slight refactoring of Java 1.5 language support
* o Refactored for/"foreach" productions so that original literal "for" literal is still used but the for sub-clauses vary by token type
* o Fixed bug where type parameter was not included in generic constructor's branch of AST

* Version 1.22.3 (August 26, 2004)
* Bug fixes as identified by Michael Stahl; clean up of tabs/spaces
* and other refactorings
* o Fixed typeParameters omission in identPrimary and newStatement
* o Replaced GT reconciliation code with simple semantic predicate
* o Adapted enum/assert keyword checking support from Michael Stahl's java15 grammar
* o Refactored typeDefinition production and field productions to reduce duplication

* Version 1.22.4 (October 21, 2004)
* Small bug fixes
* o Added typeArguments to explicitConstructorInvocation, e.g. new <String>MyParameterised()
* o Added typeArguments to postfixExpression productions for anonymous inner class super constructor invocation, e.g. new Outer().<String>super()
* o Fixed bug in array declarations identified by Geoff Roy

* Version 1.22.4.g.1
* o I have taken java.g for Java1.5 from Michael Studman (1.22.4)
* o and have applied the groovy.diff from java.g (1.22) by John Rose
* o back onto the new root (1.22.4) - Jeremy Rayner (Jan 2005)

* Version 1.22.4.g.2
* o mkempf, rkleeb, Dec 2007
* o fixed various rules so that they call the correct Create Method
* to make sure that the line information are correct

* Based on an original grammar released in the PUBLIC DOMAIN
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/antlr/parser/GroovyRecognizer.java

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#
# global transformation to handle @Grab annotation
# groovy.grape.GrabAnnotationTransformation

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/META-INF/services/org.codehaus.groovy.transform.ASTTransformation
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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/apache/groovy/util/concurrent/concurrentlinkedhashmap/package-info.java
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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/tools/javac/JavaCompilerFactory.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/genArrayAccess.groovy
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/transform/stc/StaticTypeCheckingSupport.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/reflection/GeneratedMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/reflection/ParameterTypes.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/antlr/PrimitiveHelper.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/asm/sc/StaticInvocationWriter.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/runtime/dgminuml/arrays/IntegerArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/control/messages/ExceptionMessage.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/expt/StaticMethodCallExpression.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/syntax/ReadException.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/vmplugin/v8/MethodHandleWrapper.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/decompiled/MemberSignatureParser.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/expt/ConstructorCallExpression.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/asm/BinaryLongExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/transform/LazyASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/tools/gse/DependencyTracker.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/transform/traits/Traits.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-
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jar/groovy/util/NodePrinter.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/util/IndentPrinter.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/codehaus/groovy/runtime/StringGroovyMethods.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/lang/Sequence.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/codehaus/groovy/vmplugin/VMPluginFactory.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/apache/groovy/util/ObjectHolder.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/codehaus/groovy/antlr/treewalker/NodeAsHTMLPrinter.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/transform/NamedParams.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/codehaus/groovy/ast/builder/AstStringCompiler.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/org/codehaus/groovy/runtime/callsite/MetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/ast/stmt/BlockStatement.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/vmplugin/v8/Selector.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/util/ObservableSet.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/lang/MapWithDefault.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/vmplugin/v8/IndyArrayAccess.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/antlr/treewalker/SourceCodeTraversal.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/reflection/CachedField.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/groovy/lang/GroovyCallable.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/util/AbstractConcurrentMapBase.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/vmplugin/v8/TypeHelper.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/ast/expr/SpreadExpression.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/ast/MixinASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/ast/decompiled/DecompiledClassNode.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources.jar/codehaus/groovy/syntax/TokenException.java
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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/control/ProcessingUnit.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/runtime/ArrayUtil.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/vmplugin/v9/ClassFinder.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/lang/Singleton.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/runtime/metaclass/OwnedMetaClass.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/lang/GroovyShell.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/asm/BinaryFloatExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/classgen/DummyClassGenerator.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/lang/MutableMetaClass.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/reflection/SunClassLoader.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/io/GroovyPrintStream.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/control/io/StringReaderSource.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/vmplugin/v7/Java7.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/lang/MetaArrayLengthProperty.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/lang/MutableMetaClass.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/vmplugin/v7/Java7.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/io/GroovyPrintStream.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy-beans/ListenerListASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/syntax/TokenUtil.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/runtime/GeneratedLambda.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/transform/ImmutablePropertyHandler.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/Variable.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/transform/stc/GroovyTypeCheckingExtensionSupport.java
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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/ModifierNode.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/org/codehaus/groovy/ast/ClassCodeVisitorSupport.java
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/groovy/util/logging/Log.java
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/** Java 1.5 Recognizer
*
* Run 'java Main [-showtree] directory-full-of-java-files'
*
* [The -showtree option pops up a Swing frame that shows
* the AST constructed from the parser.

* Run 'java Main <directory full of java files>'

* Contributing authors:
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  * John Pybusjohn@pybus.org

* Version 1.00 December 9, 1997 -- initial release
* Version 1.01 December 10, 1997
* fixed bug in octal def (0..7 not 0..8)
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Allowed multiple inheritance in tree grammar. oops.

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* o primary didn't include boolean.class kind of thing
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* o whitespace rule was inefficient: matched only one char
* o add an examples directory with some nasty 1.3 cases
* o made Main.java use buffered IO and a Reader for Unicode support
* o supports UNICODE?
  * Using Unicode charVocabulary makes code file big, but only in the bitsets at the end. I need to make ANTLR generate
  * unicode bitsets more efficiently.

* Version 1.19 (April 25, 2002)
* Terence added in nice fixes by John Pybus concerning floating constants and problems with super() calls. John did a nice reorg of the primary/postfix expression stuff to read better and makes f.g.super() parse properly (it was METHOD_CALL not a SUPERCTOR_CALL). Also:
  *
* o "finally" clause was a root...made it a child of "try"
* o Added stuff for asserts too for Java 1.4, but *commented out*
  * as it is not backward compatible.
*
* Version 1.20 (October 27, 2002)
*
* Terence ended up reorging John Pybus' stuff to
* remove some nondeterminisms and some syntactic predicates.
* Note that the grammar is stricter now; e.g., this(...) must
  *be the first statement.
*
* Ternary ?: operator wasn't working as array name:
* (isBig ? bigDigits : digits)[i];
*  
* Checked parser/tree parser on source for
*  Resin-2.0.5, jive-2.1.1, jdk 1.3.1, Lucene, antlr 2.7.2a4,
*  and the 110k-line jGuru server source.
*
* Version 1.21 (October 17, 2003)
*  Fixed lots of problems including:
*  Ray Waldin: add typeDefinition to interfaceBlock in java.tree.g
*  He found a problem/fix with floating point that start with 0
*  Ray also fixed problem that (int.class) was not recognized.
*  Thorsten van Ellen noticed that \n are allowed incorrectly in strings.
*  TJP fixed CHAR_LITERAL analogously.
*
*  Changes by Matt Quail to support generics (as per JDK1.5/JSR14)
*  Notes:
*  o We only allow the "extends" keyword and not the "implements"
*  keyword, since that's what JSR14 seems to imply.
*  o Thanks to Monty Zukowski for his help on the antlr-interest
*  mail list.
*  o Thanks to Alan Eliasen for testing the grammar over his
*  Fink source base
*
* Version 1.22 (July, 2004)
*  Changes by Michael Studman to support Java 1.5 language extensions
*  Notes:
*  o Added support for annotations types
*  o Finished off Matt Quail's generics enhancements to support bound type arguments
*  o Added support for new for statement syntax
*  o Added support for static import syntax
*  o Added support for enum types
*  o Tested against JDK 1.5 source base and source base of jdigraph project
*  o Thanks to Matt Quail for doing the hard part by doing most of the generics work
*
* Version 1.22.1 (July 28, 2004)
*  Bug/omission fixes for Java 1.5 language support
*  o Fixed tree structure bug with classOrInterface - thanks to Pieter Vangorpto for spotting this
*  o Fixed bug where incorrect handling of SR and BSR tokens would cause type
*  parameters to be recognised as type arguments.
*  o Enabled type parameters on constructors, annotations on enum constants
*  and package definitions
*  o Fixed problems when parsing if ((char.class.equals(c))) [ ] - solution by Matt Quail at Cenqua
*
* Version 1.22.2 (July 28, 2004)
*  Slight refactoring of Java 1.5 language support
*  o Refactored for/"foreach" productions so that original literal "for" literal
* is still used but the for sub-clauses vary by token type

* o Fixed bug where type parameter was not included in generic constructor's branch of AST

* Version 1.22.3 (August 26, 2004)
* Bug fixes as identified by Michael Stahl; clean up of tabs/spaces
  * and other refactorings
* o Fixed typeParameters omission in identPrimary and newStatement
* o Replaced GT reconciliation code with simple semantic predicate
* o Adapted enum/assert keyword checking support from Michael Stahl's java15 grammar
* o Refactored typeDefinition production and field productions to reduce duplication

* Version 1.22.4 (October 21, 2004)
* Small bug fixes
* o Added typeArguments to explicitConstructorInvocation, e.g. new <String>MyParameterised()
* o Added typeArguments to postfixExpression productions for anonymous inner class super
  * constructor invocation, e.g. new Outer().<String>super()
* o Fixed bug in array declarations identified by Geoff Roy

* Version 1.22.4.j.1
* Changes by Jeremy Rayner to support java2groovy tool
* o I have taken java.g for Java1.5 from Michael Studman (1.22.4)
  * and have made some changes to enable use by java2groovy tool (Jan 2007)

* Based on an original grammar released in the PUBLIC DOMAIN
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-
  jar/org/codehaus/groovy/antlr/java/JavaRecognizer.java

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* /opt/ws_local/PERMITS_SQL/1050626118_1591790847.77/0/groovy-3-0-4-sources-jar/GroovyParser.g4

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1.1512 logstash-filter-memcached 1.1.0

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1.1513 unf 0.1.4-2.ph4

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1.1514 netty-codec-socks 4.1.50.Final
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jar/io/netty/handler/socksx/v5/Socks5ClientEncoder.java
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1.1515 kafka-schema-serializer 5.5.1

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns="http://maven.apache.org/POM/4.0.0"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

    <modelVersion>4.0.0</modelVersion>

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        <groupId>io.confluent</groupId>
        <artifactId>kafka-schema-registry-parent</artifactId>
        <version>5.5.1</version>
    </parent>

    <licenses>
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            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
            <distribution>repo</distribution>
        </license>
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    <packaging>jar</packaging>
    <name>kafka-schema-serializer</name>

    <dependencies>
        <dependency>
            <groupId>org.apache.kafka</groupId>
            <artifactId>kafka_${kafka.scala.version}</artifactId>
        </dependency>
    </dependencies>
```
1.1516 aom 1.0.0.errata1-3

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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https://github.com/golang/protobuf

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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/paths/RelativePathProvider.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/json/Json.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/OperationTagsReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/DocumentationCache.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/DefaultConfiguration.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanResult.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/paths/QueryStringUriTemplateDecorator.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/CachingOperationNameGenerator.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/ObjectMapperConfigurer.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/paths/PathMappingAdjuster.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/paths/PathMappingDecorator.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/Docket.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/parameter/ParameterDefaultReader.java
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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/plugins/CombinedRequestHandler.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/scanners/ApiDocumentationScanner.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/readers/parameter/ParameterDataTypeReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/scanners/MediaTypeReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/readers/operation/OperationResponseClassReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/plugins/DocumentationPluginsManager.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/readers/operation/ResponseMessagesReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-
  jar/springfox/documentation/spring/web/SpringfoxWebMvcConfiguration.java

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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/PathAndParametersEquivalence.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/ResolvedMethodParameterEquivalence.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/JacksonSerializerConvention.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/PropertySourcedMapping.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/DefaultRequestHandlerCombiner.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ResourcePathProvider.java

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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/WebMvcRequestHandlerProvider.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/DescriptionResolver.java

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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanner.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/ApiSelectorBuilder.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/DefaultTagsProvider.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/OperationCachingEquivalence.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/OperationParameterReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/operation/ApiOperationReader.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ApiListingReferenceScanner.java
1.1527 wheel 0.33.6

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1.1528 go-runtime 1.17.1

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1.1534 json 1.8.6

1.1534.1 Available under license:

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/* Portions of the Selector class are derived from Jack Slocum’s DomQuery, * part of YUI-Ext version 0.40, distributed under the terms of an MIT-style * license. Please see http://www.yui-ext.com/ for more information. */

Found in path(s):
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cf8d8-tar-gz/flori-json-7f4cf8d8/data/prototype.js
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No license file was found, but licenses were detected in source scan.

2017-01-13 (1.8.6)
* Be compatible with ancient ruby 1.8 (maybe?)

2015-09-11 (1.8.5)
* Be compatible with ruby 2.4.0
* There were still some mentions of dual GPL licensing in the source, but JSON has just the Ruby license that itself includes an explicit dual-licensing clause that allows covered software to be distributed under the terms of the Simplified BSD License instead for all ruby versions >= 1.9.3. This is however a GPL compatible license according to the Free Software Foundation. I changed these mentions to be consistent with the Ruby license setting in the gemspec files which were already correct now.

-------- (1.8.4) Skipped.

2015-06-01 (1.8.3)
* Fix potential memory leak, thx to nobu.

2015-01-08 (1.8.2)
* Some performance improvements by Vipul A M <vipulnsward@gmail.com>.* Fix by Jason R. Clark <jclark@newrelic.com> to avoid mutation of JSON.dump_default_options.
* More tests by Michael Mac-Vicar <mmacvicar@gmail.com> and fixing space_before accessor in generator.
* Performance on JRuby improved by Ben Browning <bbrownin@redhat.com>.
* Some fixes to be compatible with the new Ruby 2.2 by Zachary Scott <e@zzak.io> and SHIBATA Hiroshi <hsbt@ruby-lang.org>.

2013-05-13 (1.8.1)
* Remove Rubinius exception since transcoding should be working now.

2013-05-13 (1.8.0)
* Fix https://github.com/flori/json/issues/162 reported by Marc-Andre Lafortune <github_rocks@marc-andre.ca>. Thanks!
* Applied patches by Yui NARUSE <naruse@airemix.jp> to suppress warning with -Wchar-subscripts and better validate UTF-8 strings.
* Applied patch by ginriki@github to remove unnecessary if.
* Add load/dump interface to JSON::GenericObject to make serialize :some_attribute, JSON::GenericObject work in Rails active models for convenient SomeModel#some_attribute.foo.bar access to serialised JSON data.

2013-02-04 (1.7.7)
* Security fix for JSON create_additions default value and JSON::GenericObject. It should not be possible to create additions unless explicitly requested by setting the create_additions argument to true or using the JSON.load/dump interface. If JSON::GenericObject is supposed to be automatically deserialised, this has to be explicitly enabled by
setting
JSON::GenericObject.json_creatable = true
as well.
* Remove useless assert in fbuffer implementation.
* Apply patch attached to https://github.com/flori/json/issues#issue/155
  provided by John Shahid <jvshahid@gmail.com>, Thx!
* Add license information to rubygems spec data, reported by Jordi Massaguer Pla <jmassaguerpla@suse.de>.
* Improve documentation, thx to Zachary Scott <zachary@zacharyscott.net>.
2012-11-29 (1.7.6)
* Add GeneratorState#merge alias for JRuby, fix state accessor methods. Thx to jvshahid@github.
* Increase hash likeness of state objects.
2012-08-17 (1.7.5)
* Fix compilation of extension on older rubies.
2012-07-26 (1.7.4)
* Fix compilation problem on AIX, see https://github.com/flori/json/issues/142
2012-05-12 (1.7.3)
* Work around Rubinius encoding issues using iconv for conversion instead.
2012-05-11 (1.7.2)
* Fix some encoding issues, that cause problems for the pure and the
  extension variant in jruby 1.9 mode.
2012-04-28 (1.7.1)
* Some small fixes for building
2012-04-28 (1.7.0)
* Add JSON::GenericObject for method access to objects transmitted via JSON.
2012-04-27 (1.6.7)
* Fix possible crash when trying to parse nil value.
2012-02-11 (1.6.6)
* Propagate src encoding to values made from it (fixes 1.9 mode converting
everything to ascii-8bit; harmless for 1.8 mode too) (Thomas E. Enebo
<tom.enebo@gmail.com>), should fix
* Fix https://github.com/flori/json/issues#issue/117
2012-01-15 (1.6.5)
* Vit Ondruch <v.ondruch@tiscali.cz> reported a bug that shows up when using
  optimisation under GCC 4.7. Thx to him, Bohuslav Kabrda
  <bkabrda@redhat.com> and Yui NARUSE <naruse@airemix.jp> for debugging and
developing a patch fix.
2011-12-24 (1.6.4)
* Patches that improve speed on JRuby contributed by Charles Oliver Nutter
  <headius@headius.com>.
* Support object_class/array_class with duck typed hash/array.
2011-12-01 (1.6.3)
* Let JSON.load("") return nil as well to make mysql text columns (default to"") work better for serialization.
2011-11-21 (1.6.2)
* Add support for OpenStruct and BigDecimal.
* Fix bug when parsing nil in quirks_mode.
* Make JSON.dump and JSON.load methods better cooperate with Rails’ serialize method. Just use: serialize :value, JSON
* Fix bug with time serialization concerning nanoseconds. Thanks for the patch go to Josh Partlow (jpartlow@github).
* Improve parsing speed for JSON numbers (integers and floats) in a similar way to what Evan Phoenix <evan@phx.io> suggested in: https://github.com/flori/json/pull/103

2011-09-18 (1.6.1)
* Using -target 1.5 to force Java bits to compile with 1.5.

2011-09-12 (1.6.0)
* Extract utilities (prettifier and GUI-editor) in its own gem json-utils.
* Split json/add/core into different files for classes to be serialised.

2011-08-31 (1.5.4)
* Fix memory leak when used from multiple JRuby. (Patch by jfirebaugh@github).
* Apply patch by Eric Wong <nocode@yhbt.net> that fixes garbage collection problem reported in https://github.com/flori/json/issues/46.
* Add :quirks_mode option to parser and generator.
* Add support for Rational and Complex number additions via json/add/complex and json/add/rational requires.

2011-06-20 (1.5.3)
* Alias State#configure method as State#merge to increase duck type synonymy with Hash.
* Add as_json methods in json/add/core, so rails can create its json objects the new way.

2011-05-11 (1.5.2)
* Apply documentation patch by Cory Monty <cory.monty@gmail.com>.
* Add gems specs for json and jsonPure.
* Fix bug in jruby pretty printing.
* Fix bug in object_class and array_class when inheriting from Hash or Array.

2011-01-24 (1.5.1)
* Made rake-compiler build a fat binary gem. This should fix issue https://github.com/flori/json/issues/issue/54.

2011-01-22 (1.5.0)
* Included Java source codes for the Jruby extension made by Daniel Luz <dev@mernen.com>.
* Output full exception message of deep_const_get to aid debugging.
* Fixed an issue with ruby 1.9 Module#const_defined? method, that was reported by Riley Goodside.

2010-08-09 (1.4.6)
* Fixed oversight reported in http://github.com/flori/json/issues/closed#issue/23, always create a new object from the state prototype.
* Made pure and ext api more similar again.

2010-08-07 (1.4.5)
* Manage data structure nesting depth in state object during generation. This should reduce problems with to_json method definitions that only have one argument.
* Some fixes in the state objects and additional tests.
2010-08-06 (1.4.4)
* Fixes crashes described in http://github.com/flori/json/issues/closed#issue/21 and  
    http://github.com/flori/json/issues/closed#issue/23
2010-05-05 (1.4.3)
* Fixed some test assertions, from Ruby r27587 and r27590, patch by nobu.
* Fixed issue http://github.com/flori/json/issues/20 reported by  
    electronicwhisper@github. Thx!
2010-04-26 (1.4.2)
* Applied patch from naruse Yui NARUSE <naruse@airemix.com> to make building with  
    Microsoft Visual C possible again.
* Applied patch from devrrandom <c1.github@niftybox.net> in order to allow building of  
    json_pure if extensiontask is not present.
* Thanks to Dustin Schneider <dustin@stocktwits.com>, who reported a memory  
    leak, which is fixed in this release.
* Applied 993f261cc8f911d2a57e9db48ec7acd0187283 patch from josh@github.
2010-04-25 (1.4.1)
* Fix for a bug reported by Dan DeLeo <dan@kallistec.com>, caused by T_FIXNUM  
    being different on 32bit/64bit architectures.
2010-04-23 (1.4.0)
* Major speed improvements and building with simplified  
    directory/file-structure.
* Extension should at least be compatable with MRI, YARV and Rubinius.
2010-04-07 (1.2.4)
* Triger const_missing callback to make Rails' dynamic class loading work.
2010-03-11 (1.2.3)
* Added a State#[] method which returns an attribute's value in order to  
    increase duck type compatibility to Hash.
2010-02-27 (1.2.2)
* Made some changes to make the building of the parser/generator compatible  
    to Rubinius.
2009-11-25 (1.2.1)
* Added :symbolize_names option to Parser, which returns symbols instead of  
    strings in object names/keys.
2009-10-01 (1.2.0)
* fast_generate now raises an exeception for nan and infinite floats.
* On Ruby 1.8 json supports parsing of UTF-8, UTF-16BE, UTF-16LE, UTF-32BE,  
    and UTF-32LE JSON documents now. Under Ruby 1.9 the M17n conversion  
    functions are used to convert from all supported encodings. ASCII-8BIT  
    encoded strings are handled like all strings under Ruby 1.8 were.
* Better documentation
2009-08-23 (1.1.9)
* Added forgotten main doc file extra_rdoc_files.
2009-08-23 (1.1.8)
* Applied a patch by OZAWA Sakuro <sakuro@2238club.org> to make json/pure  
    work in environments that don't provide iconv.
* Applied patch by okkez_ in order to fix Ruby Bug #1768:  
* Finally got around to avoid the rather paranoid escaping of `/` characters in the generator's output. The parsers aren't affected by this change.
  Thanks to Rich Apodaca <rapodaca@metamolecular.com> for the suggestion.

2009-06-29 (1.1.7)
* Security Fix for JSON::Pure::Parser. A specially designed string could cause catastrophic backtracking in one of the parser's regular expressions in earlier 1.1.x versions. JSON::Ext::Parser isn't affected by this issue.
  Thanks to Bartosz Blimke <bartosz@new-bamboo.co.uk> for reporting this problem.
* This release also uses a less strict ruby version requirement for the creation of the mswin32 native gem.

2009-05-10 (1.1.6)
* No changes. tested native linux gems in the last release and they don't play well with different ruby versions other than the one the gem was built with. This release is just to bump the version number in order to skip the native gem on rubyforge.

2009-05-10 (1.1.5)
* Started to build gems with rake-compiler gem.
* Applied patch object/array class patch from Brian Candler <B.Candler@pobox.com> and fixes.

2009-04-01 (1.1.4)
* Fixed a bug in the creation of serialized generic rails objects reported by Friedrich Graeter <graeter@hydrixos.org>.
* Deleted tests/runner.rb, we're using testrb instead.
* Editor supports Infinity in numbers now.
* Made some changes in order to get the library to compile/run under Ruby 1.9.
* Improved speed of the code path for the fast_generate method in the pure variant.

2008-07-10 (1.1.3)
* Wesley Beary <monki@geemus.com> reported a bug in json/add/core's DateTime handling: If the nominator and denominator of the offset were divisible by each other Ruby's Rational#to_s returns them as an integer not a fraction with '/'. This caused a ZeroDivisionError during parsing.
* Use Date#start and DateTime#start instead of sg method, while remaining backwards compatible.
* Supports r gel >= 6.0 now.
* Corrected some tests.
* Some minor changes.
object if the rails addition is enabled, which is wrong. It now outputs a JSON string "foo" instead, like suggested by Jacob Maine.
* Discovered a bug in the Ruby Bugs Tracker on rubyforge, that was reported by John Evans lgastako@gmail.com. He could produce a crash in the JSON generator by returning something other than a String instance from a to_json method. I now guard against this by doing a rather crude type check, which raises an exception instead of crashing.

2007-07-06 (1.1.1)
* Yui NARUSE <naruse@airemix.com> sent some patches to fix tests for Ruby 1.9. I applied them and adapted some of them a bit to run both on 1.8 and 1.9.
* Introduced a JSON.parse! method without depth checking for people who like danger.
* Made generate and pretty_generate methods configurable by an options hash.
* Added :allow_nan option to parser and generator in order to handle NaN, Infinity, and -Infinity correctly - if requested. Floats, which aren't numbers, aren't valid JSON according to RFC4627, so by default an exception will be raised if any of these symbols are encountered. Thanks to Andrea Censi <andrea.censi@dis.uniroma1.it> for his hint about this.
* Fixed some more tests for Ruby 1.9.
* Implemented dump/load interface of Marshal as suggested in ruby-core:11405 by murphy <murphy@rubychan.de>.
* Implemented the max_nesting feature for generate methods, too.
* Added some implementations for ruby core's custom objects for serialisation/deserialisation purposes.

2007-05-21 (1.1.0)
* Implemented max_nesting feature for parser to avoid stack overflows for data from untrusted sources. If you trust the source, you can disable it with the option max_nesting => false.
* Piers Cawley <pdcawley@bofh.org.uk> reported a bug, that not every character can be escaped by \ as required by RFC4627. There's a contradiction between David Crockford's JSON checker test vectors (in tests/fixtures) and RFC4627, though. I decided to stick to the RFC, because the JSON checker seems to be a bit older than the RFC.
* Extended license to Ruby License, which includes the GPL.
* Added keyboard shortcuts, and 'Open location' menu item to edit_json.rb.

2007-05-09 (1.0.4)
* Applied a patch from Yui NARUSE <naruse@airemix.com> to make JSON compile under Ruby 1.9. Thank you very much for mailing it to me!
* Made binary variants of JSON fail early, instead of falling back to the pure version. This should avoid overshadowing of eventual problems while loading the binary.

2007-03-24 (1.0.3)
* Improved performance of pure variant a bit.
* The ext variant of this release supports the mswin32 platform. Ugh!

2007-03-24 (1.0.2)
* Ext Parser didn't parse \e0 correctly into 0.0: Fixed!
* Forgot some object files in the build dir. I really like that - not!
2007-03-24 (1.0.0)
* Added C implementations for the JSON generator and a ragel based JSON parser in C.
* Much more tests, especially fixtures from json.org.
* Further improved conformance to RFC4627.
2007-02-09 (0.4.3)
* Conform more to RFC4627 for JSON: This means JSON strings now always must contain exactly one object "{ ... }" or array "[ ... ]" in order to be parsed without raising an exception. The definition of what constitutes a whitespace is narrower in JSON than in Ruby (\t\n\r) and there are differences in floats and integers (no octals or hexadecimals) as well.
* Added aliases generate and pretty_generate of unparse and pretty_unparse.
* Fixed a test case.
* Catch an Iconv::InvalidEncoding exception, that seems to occur on some Sun boxes with SunOS 5.8, if iconv doesn’t support utf16 conversions. This was reported by Andrew R Jackson <andrewj@bcm.tmc.edu>, thanks a bunch!
2006-08-25 (0.4.2)
* Fixed a bug in handling solidi (/ characters), that was reported by Kevin Gilpin <kevin.gilpin@alum.mit.edu>.
2006-02-06 (0.4.1)
* Fixed a bug related to escaping with backslashes. Thanks for the report go to Florian Munz <surf@theflow.de>.
2005-09-23 (0.4.0)
* Initial Rubyforge Version

Found in path(s):
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-7f4cfd8/CHANGES
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 *
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 */

Found in path(s):
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-7f4cfd8/java/src/json/ext/StringDecoder.java
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-7f4cfd8/java/src/json/ext/ParserService.java
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-7f4cfd8/java/src/json/ext/Generator.java
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-7f4cfd8/java/src/json/ext/Parser.java
* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-
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* /opt/cola/permits/1155786218_1619044692.05/0/flori-json-v1-8-6-0-g7f4cfd8-tar-gz/flori-json-
  7f4cfd8/java/src/ext/GeneratorService.java

1.1535 hdrhistogram 2.1.12
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Manifest-Version: 1.0
Bnd-LastModified: 1575980548657
Build-Jdk: 1.8.0_232
Built-By: gil
Bundle-Description: HdrHistogram supports the recording and analyzing sampled data value counts across a configurable integer value range with configurable value precision within the range. Value precision is expressed as the number of significant digits in the value recording, and provides control over value quantization behavior across the value range and the subsequent value resolution at any given level.
Bundle-License: http://creativecommons.org/publicdomain/zero/1.0/, https://opensource.org/licenses/BSD-2-Clause
Bundle-ManifestVersion: 2
Bundle-Name: HdrHistogram
Bundle-SymbolicName: org.hdrhistogram.HdrHistogram
Bundle-Version: 2.1.12
Created-By: Apache Maven Bundle Plugin
Export-Package: org.HdrHistogram;version="2.1.12",org.HdrHistogram.packedarray;version="2.1.12"
Implementation-Title: HdrHistogram
Implementation-Vendor-Id: org.hdrhistogram
Implementation-Version: 2.1.12
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: HdrHistogram
Specification-Version: 2.1.12
Tool: Bnd-2.3.0.201405100607

Found in path(s):
* /opt/cola/permits/1183539882_1627427044.77/0/hdrhistogram-2-1-12-2-jar/META-INF/MANIFEST.MF
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Version 2.1, February 1999

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### 1.1545 jrjackson 1.2.32

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1.1552 murmur-hash 0.1.6
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C port of Murmur3 hash

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

This is a port of the [Murmur3](http://code.google.com/p/smhasher/wiki/MurmurHash3) hash function. Murmur3 is a non-cryptographic hash, designed to be fast and excellent-quality for making things like hash tables or bloom filters. This is a port of the original C++ code, designed for Visual Studio, into standard C that gcc can compile efficiently.

How to use it

-----------

Just compile and link your program with `murmur3.c`, and be sure to include `murmur3.h` to get the function prototypes. There are three hash functions:

```c
void MurmurHash3_x86_32 (const void *key, int len, uint32_t seed, void *out);
void MurmurHash3_x86_128(const void *key, int len, uint32_t seed, void *out);
void MurmurHash3_x64_128(const void *key, int len, uint32_t seed, void *out);
```

All three of these functions have the same interface: you give them `key`, a pointer to the data you wish to hash; `len`, the length in bytes; `seed`, an arbitrary seed number which you can use to tweak the hash, and `out`, a pointer to a buffer big enough to hold the hash's output value.

The hash functions differ in both their internal mechanisms and in their outputs. They are specialized for different use cases:

**MurmurHash3_x86_32** has the lowest throughput, but also the lowest latency. If you're making a hash table that usually has small keys, this is probably the one you want to use on 32-bit machines. It has a 32-bit output.

**MurmurHash3_x86_128** is also designed for 32-bit systems, but produces a 128-bit output, and has about 30% higher throughput than the previous hash. Be warned, though, that its latency for a single 16-byte key is about 86% longer!

**MurmurHash3_x64_128** is the best of the lot, if you're using a 64-bit machine. Its throughput is 250% higher than MurmurHash3_x86_32, but it has roughly the same latency. It has a 128-bit output.

The hash functions are designed to work efficiently on x86 processors; in particular, they make some assumptions about the endianness of the processor, and about the speed of unaligned reads. If you have problems running this code on non-x86 architectures, it should be possible to modify it to work correctly and efficiently -- I just don't have access to those machines for testing. The code in `murmur3.c` is pretty straightforward, and shouldn't be too hard to
alter.

There is an example program, `example.c`, which you can look at and play with. You can build it with the makefile.

License and contributing
------------------------

All this code is in the public domain. Murmur3 was created by Austin Appleby, and the C port and general tidying up was done by Peter Scott. If you'd like to contribute something, I would love to add your name to this list.

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1.1553 go-units 0.4.0
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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.

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* atf-c/ui.c: The format_paragraph and format_text functions were
derived form 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>

vim: filetype=text{textwidth=75:expandtab:shiftwidth=2:softtabstop=2
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1.1556 openssh 8.4p1-5

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1.1558 ucf 3.0030

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1.1559 pigz 2.3.1 2

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1.1560 codemodel 2.6

1.1561 yum 3.4.3 161.el7.centos

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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):
            name = oldpkg[0]
            arch = oldpkg[1]
            ret = []
+            other_arch_list = []
+            notices = set()
            for notice in self.get_notices(name):
                for upkg in notice['pkglist']:
                    for pkg in upkg['packages']:

Open Source Used In Cisco Optical Network Planner 4.2.2 17699
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):
    other_arch = True
else:
    continue
pkgtup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
          pkg['version'], pkg['release'])
if _rpm_tup_vercmp(pkgtup, oldpkgtup) <= 0:
    continue
if other_arch:
    ret.append((pkgtup, notice))
    return
else:
    ret.append((pkgtup, notice))
    notices.add(notice)
for pkgtup, notice in other_arch_list:
    if notice not in notices:
        ret.append((pkgtup, notice))
        return
ret.sort(cmp=_rpm_tup_vercmp, key=lambda x: x[0], reverse=True)
return ret

def safe_iterparse(filename, logger=None):

def __init__(self, elem=None, repoid=None, vlogger=None):
    self._md = {
        'from'   : '',
        'type'   : '',
    }
    if elem:
        def __init__(self, elem=None, repoid=None, vlogger=None):
            self._md = {
                'from'   : '',
                'type'   : '',
            }
            if elem:
self._parse(elem)

+    self._repoid = repoid
+    self._vlogger = vlogger
+
+    def __getitem__(self, item):
+        ""
+        ""
+        if type(item) is int:
+            return un._repoid
+        else:
+            return '<unknown>'
+
+    def _rid(un):
+        if hasattr(un, '_repoid') and un._repoid is not None:
+            return un._repoid
+        else:
+            return '<unknown>'
+
+    def _log_failure(data):
+        ""
+        ""
+        if self._vlogger is None:
+            return
+        msg = _('Duplicate of %s differs in some fields:
')
+        msg += '<<<<<<< %s:%s
' % (_rid(other), data)
+        msg += '%r
=======
%r
' % (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):
            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)
                        if self._vlogger:
                            @@ -587,6 +611,8 @@
                                msg = _("Update notice %s%s is broken, or a bad duplicate, skipping.") % (un['update_id'], _rid(repoid))
                                have_dup = True
                                if self._vlogger:
                                    self._vlogger.warn("%s", msg)

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July 15, 2018

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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/event/GenericApplicationListener.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/cache/config/CacheAdviceParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/annotation/Bean.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/cache/interceptor/CacheOperation.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/annotation/ConditionContext.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.
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`

`MBeanFactory`

@since 2.0.3

@see javax.management.MBeanServer

@see MBeanServerFactoryBean

* @author Juergen Hoeller
  * @author Rob Harrop
  * @since 2.0.3
  * @see javax.management.MBeanServer
  * @see MBeanServerFactoryBean

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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-
  jar/org/springframework/scheduling/concurrent/ExecutorConfigurationSupport.java
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  jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java
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  jar/org/springframework/scheduling/concurrent/ExecutorConfigurationSupport.java
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  jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/Phased.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/ejb/config/LocalStatelessSessionBeanDefinitionParser.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/scheduling/SchedulingException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/access/InvalidInvocationException.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/export/MBeanExporterListener.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/config/ContextNamespaceHandler.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/jmx/export/assembler/AutodetectCapableMBeanInfoAssembler.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/event/ContextRefreshedEvent.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/event/ContextStoppedEvent.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/validation/BindingResultUtils.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1-jar/org/springframework/context/ApplicationContextAware.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/event/EventPublicationInterceptor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/format/datetime/joda/JodaTimeFormatterRegistrar.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/EnvironmentAware.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/cache/interceptor/BeanFactoryCacheOperationSourceAdvisor.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/format/datetime/standard/DateTimeFormatterFactoryBean.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/jmx/support/MethodInvokingRunnable.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/annotation/ImportAware.java
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* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/context/annotation/PropertySources.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1135888116_1613626154.75/0/spring-context-5-2-8-release-sources-1.jar/org/springframework/scheduling/annotation/validation/beanvalidation/MessageSourceResourceBundleLocator.java
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 */
/**
 * Indicates that a component is only eligible for registration when all
 * { @linkplain #value specified conditions} match.
 *
 * &lt;p&gt;A &lt;em&gt;condition&lt;/em&gt; is any state that can be determined programmatically
 * before the bean definition is due to be registered (see { @link Condition} for details).
 *
 * &lt;p&gt;The { @code @Conditional} annotation may be used in any of the following ways:
 * &lt;ul&gt;
 * &lt;li&gt;as a type-level annotation on any class directly or indirectly annotated with
 * { @code @Component}, including { @link Configuration @Configuration} classes&lt;/li&gt;
 * &lt;li&gt;as a meta-annotation, for the purpose of composing custom stereotype
 * annotations&lt;/li&gt;
 * &lt;li&gt;as a method-level annotation on any { @link Bean @Bean} method&lt;/li&gt;
 * &lt;/ul&gt;
 *
 * &lt;p&gt;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.
 *
 * &lt;p&gt;&lt;strong&gt;NOTE&lt;/strong&gt;: 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 &lt;em&gt;composed annotation&lt;/em&gt; that is meta-annotated with
 * { @code @Conditional} must not be declared as { @code @Inherited}.
 *
 * &lt;author&gt;Phillip Webb
 * &lt;author&gt;Sam Brannen

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* @since 4.0
* @see Condition
*/

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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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1.1571 spring-cloud-netflix-eureka-client
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1.1574 json 2.5.1

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1.1576 libcap 2.22 11.el7

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1.1577 javassist 3.18.1-GA

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Found in path(s):
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/util/proxy/ProxyFactory.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/CodeGen.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/Compiler.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/rmi/ObjectImporter.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
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1.1578 jaxb-api 2.3.0

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1.1582 hibernate-validator 6.1.5.Final

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* /opt/cola/permits/1136697715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collection/Synchronized.java
* /opt/cola/permits/1136697715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/eventbus/package-info.java
* /opt/cola/permits/1136697715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collection/EnumBiMap.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/Atomics.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/annotations/package-info.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/base/Ascii.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/base/Equivalence.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/net/package-info.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableListIterator.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableListMultimap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/UncaughtExceptionHandler.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingSequentialIterator.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/UnmodifiableSequentialIterator.java
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  jar/jersey/repackaged/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/base/Verify.java
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  jar/jersey/repackaged/com/google/common/base/VerifyException.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
  jar/jersey/repackaged/com/google/common/escape/CharEscaperBuilder.java
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  jar/jersey/repackaged/com/google/common/io/AppendableWriter.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/SimpleTimeLimiter.java

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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableMap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableBiMap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSortedSet.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/io/MultiReader.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/SerializingExecutor.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/primitives/Chars.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/Range.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableBiMap.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/UnmodifiableIterator.java
jar/jersey/repackaged/com/google/common/primitives/Ints.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/StandardTable.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/primitives/Longs.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/Table.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/SingletonImmutableBiMap.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/CheckedFuture.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/RegularImmutableBiMap.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableSortedSet.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableMultiset.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/base/Converter.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableMapValues.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableMultimap.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableEntry.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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* This following method is a modified version of one found in
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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  jar/jersey/repackaged/com/google/common/collection/FilteredKeyMultimap.java
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  jar/jersey/repackaged/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
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  jar/jersey/repackaged/com/google/common/hash/ChecksumHashFunction.java
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* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collection/SortedMultisets.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/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
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jar/jersey/repackaged/com/google/common/collection/GeneralRange.java
* /opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-
jar/jersey/repackaged/com/google/common/collection/RegularImmutableSortedMultiset.java

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  */opt/cola/permits/1136699715_1613865301.44/0/jersey-guava-2-24-1-sources-2-jar/jersey/repackaged/com/google/common/collect/MultimapBuilder.java
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* /opt/cola/permits/1145440590_1616152669.32/0/metrics-3-2-2-sources-3-jar/com/tomtom/speedtools/metrics/MetricsTimeSlot.java
* /opt/cola/permits/1145440590_1616152669.32/0/metrics-3-2-2-sources-3-jar/com/tomtom/speedtools/metrics/MetricsData.java
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1.1593 curl 7.38.0-4+deb8u15
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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.

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particular problem was addressed when the [Modified BSD
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1.1595 dalli 2.7.11

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maven-plugin-annotations (3.5)

maven-plugin-api (3.5.2)

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maven-resolver-impl (1.1.1)

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* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/util/RegexMatcher.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/internal/ConstructorInvokingValueConverter.java
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jar/joptsimple/ArgumentAcceptingOptionSpec.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/util/InetAddressConverter.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/OptionException.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/BuiltinHelpFormatter.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/OptionSpecTokenizer.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/internal/ReflectionException.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/internal/OptionNameMap.java
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/HelpFormatter.java

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*/

Found in path(s):
* /opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/util/EnumConverter.java

1.1608 go-runtime 1.13.1
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The snowball stemmers in
analysis/common/src/java/net/sf/snowball
were developed by Martin Porter and Richard Boulton.
The snowball stopword lists in
analysis/common/src/resources/org/apache/lucene/analysis/snowball
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The full snowball package is available from
http://snowball.tartarus.org/

The KStem stemmer in
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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/fi/FinnishLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.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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1.1611 logstash-input-sqs 3.1.3

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MD4
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1.1621 vt-crypt 2.1.4

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 *
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 * System classpath
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# convert from Gonnet's FPAccuracy data sets to mpfr format
# http://www.inf.ethz.ch/personal/gonnet/FPAccuracy/all.tar.Z

# 1 - cut the lines from (say) C/acos.c, remove the 3rd (eps) field,
#     replace the commata ',' by spaces, and remove the final '};'
#     (hint: cut -d" ", "-f1,2,4,5 /tmp/acos.c > /tmp/acos2.c)
# 2 - edit the infile and outfile lines below, and run
#     maple -q < gonnet.mpl

infile := "~/tmp/acos2.c";
outfile := "acos";

############################################################
# don't edit below this line
############################################################
foo := proc(arg_m, val_m, arg_e, val_e, fp)
    fprintf (fp, "53 53 n ", 53);
    to_hex(arg_m, arg_e, fp);
    fprintf (fp, " ");
    # warning: Gonnet stores -val_e
    to_hex(val_m, -val_e, fp);
    fprintf (fp, ":n");
end:

to_hex := proc(m, e, fp)
    if m<0 then fprintf (fp, "-") fi;
    fprintf (fp, "0x%sp%d", convert(abs(m),hex), e);
end:

copyright := proc(fp)
    fprintf (fp, ":# This file was generated from the FPAccuracy package
http://www.inf.ethz.ch/personal/gonnet/FPAccuracy/all.tar.Z:
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# Public License along with this program; if not, write to the Free Software
# Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
")
end:

fp := fopen (outfile, WRITE):

l := readdata(infile, integer, 4):
copyright(fp):
for e in l do foo(op(e), fp) od:

close (fp);

quit;
read("metaMPFR_common.mpl"): 

FUNCTION_SERIES := 0:
FUNCTION_SERIES_RATIONAL := %+1:
CONSTANT_SERIES := %+1:


# This procedure generate code for a straightforward evaluation of the series
# corresponding to a recurrence.
# rec is a recurrence with inital conditions
type can take three values, depending on which series should be evaluated:
- FUNCTION_SERIES -> produces code for evaluating \( \sum (a(i)*x^i) \)
- FUNCTION_SERIES_RATIONAL -> produces code for evaluating \( \sum (a(i)*(p/q)^i) \)
- CONSTANT_SERIES -> produces code for evaluating \( \sum (a(i)) \)

name is the name the should be given to the produced procedure.

fofx is an optional parameter. It is the function being implemented.

- if provided, this argument will be used to (heuristically) find the limits
  of the function at +/-oo and find its asymptotical behavior.

*IMPORTANT NOTE*: it must be a function of the variable 'x'.

Moreover, neither \( f \) nor \( x \) shall be assigned at the time of
calling the function.

generateStraightforwardAlgo := proc(rec, aofn, type, name, filename, fofx := _f(x))
    local a, b, n, fd, init_cond, nc, d, exponents, formalRec, c, s1, s2, p, q, hardconstant, f0, i0, ri0, i, j, var, var1, var2, var3, guard_bits, required_mulsi, required_divsi, temp, error_counter, error_in_loop, maxofti, additional_error:

getname(aofn, a, n):

    required_mulsi := {}: required_divsi := {}: fd := fopen(filename, WRITE):

    # We check that we have a recurrence of the form \( a(n+d)=r(n)*a(n) \)
    # and we extract its canonical form:
    # \( a(n+d) = c * s1(n)/s1(n+d) * s2(n+d)/s2(n) * p(n)/q(n) * a(n) \)
    #
    formalRec := checkOneTermRecurrence(rec, a(n)):
    decomposeOneTermRecurrence(formalRec, c, s1, s2, p, q):
    d := formalRec:-order:

    # We keep only non-trivial initial conditions
    init_cond := removeTrivialConditions(rec, a(n)):
    nc := nops(init_cond):
    exponents := {1, d}:
    for i from 1 to nc do
        exponents := { op(exponents), init_cond[i][1] }
    od:
    exponents := findFixpointOfDifferences(exponents):
    exponents := exponents minus {0}:

    error_counter := []:

    fprintf(fd, "/* Evaluation by a straightforward algorithm */
    fprintf(fd, "/* Code automatically generated by metaMPFR. */

    fprintf(fd, "static int
    if (type=FUNCTION_SERIES)
        then fprintf(fd, "mpfr_%a (mpfr_ptr res, mpfr_srcptr x, mpfr_rnd_t rnd)\n        name):
elif (type=FUNCTION_SERIES_RATIONAL)
then fprintf(fd, "mpfr_%a (mpfr_ptr res, int u, int v, mpfr_rnd_t rnd)/n", name):
elif (type=CONSTANT_SERIES)
then fprintf(fd, "mpfr_%a (mpfr_ptr res, mpfr_rnd_t rnd)/n", name):
fi:
fprintf(fd, "{
#

######################################################
### Declarations
###############################################
######################################################

fprintf(fd, "  MPFR_ZIV_DECL (loop);
fprintf(fd, "  MPFR_SAVE_EXPO_DECL (expo);
fprintf(fd, "  mpfr_prec_t wpree;       /* working precision */
fprintf(fd, "  mpfr_prec_t prec;       /* target precision */
fprintf(fd, "  mpfr_prec_t err;       /* used to estimate the evaluation error */
fprintf(fd, "  mpfr_prec_t correctBits; /* estimates the number of correct bits*/
fprintf(fd, "  unsigned long int k;
fprintf(fd, "  unsigned long int conditionNumber;   /* condition number of the series */
fprintf(fd, "  unsigned assumed_exponent;  /* used as a lowerbound of -EXP(f(x)) */
fprintf(fd, "  int r;               /* returned ternary value */
fprintf(fd, "  mpfr_t s;            /* used to store the partial sum */

if (whattype(c) = 'fraction') or (whattype(c) = 'integer')
then hardconstant := 0
else hardconstant := 1
fi:
if (type=FUNCTION_SERIES) then hardconstant := 1 fi:

if (hardconstant=1)
then
  if (type=CONSTANT_SERIES)
then fprintf(fd, " mpfr_t x%d;     /* used to store %a */
  elseif (type=FUNCTION_SERIES_RATIONAL)
then fprintf(fd, " mpfr_t x%d;     /* used to store %a */
  elseif (type=FUNCTION_SERIES)
then fprintf(fd, " mpfr_t x%d;     /* used to store %a */
  fi:
fi:

if (type=FUNCTION_SERIES)
then
  fprintf(fd, " mpfr_t tmp/n")
  if (nops(exponents)-1 >= 1) then fprintf(fd, " mpfr_t ") fi:
  for i from 1 to nops(exponents)-1 do
    fprintf(fd, "x%d", exponents[i]):
  if (i<nops(exponents)-1) then fprintf(fd, ";
  else fprintf(fd, ";     /* used to store x^n */
fi:


\begin{verbatim}
    od:
    fi:

    fprintf(fd, " mpfr_t ");
    for i from 1 to nc do
        fprintf(fd, " tip%d", init_cond[i][1]);
        if (i<nc) then fprintf(fd, " , ") else fprintf(fd, "; /* used to store successive values of t_i */ ") fi:
    od:

    fprintf(fd, " int ");
    for i from 1 to nc do
        fprintf(fd, " test%d", init_cond[i][1]);
        if (i<nc) then fprintf(fd, " , ") else fprintf(fd, "; 
") fi:
    od:

    fprintf(fd, "  int global_test;               /* used to test when the sum can be stopped */
    ");
    fprintf(fd, " /* Logging */
    if (type=FUNCTION_SERIES)
        then fprintf(fd, "  MPFR_LOG_FUNC ( ("x[%%#R]=%%R rnd=%%d", x, x, rnd), ("res[%%#R]=%%R", res, res ) );\n")
        elif (type=FUNCTION_SERIES_RATIONAL)
            then fprintf(fd, "  MPFR_LOG_FUNC ( ("x=u/v with u=%%d and v=%%d, rnd=%%d", u, v, rnd), ("res[%%#R]=%%R", res, res ) );\n")
        else fprintf(fd, "  MPFR_LOG_FUNC ( ("rnd=%%d", rnd), ("res[%%#R]=%%R", res, res ) );\n")
    fi:

    ####################################################################
    # Special cases #
    ####################################################################

    if ( (type=FUNCTION_SERIES) or (type=FUNCTION_SERIES_RATIONAL) )
        then fprintf(fd, " /* Special cases */
        if (type=FUNCTION_SERIES)
            then fprintf(fd, " if (MPFR_UNLIKELY (MPFR_IS_NAN (x)))
            else fprintf(fd, " if (MPFR_UNLIKELY (v==0))
        fi:
    fi:

    fprintf(fd, " {\n":
    fprintf(fd, " MPFR_SET_NAN (res);\n":
    fprintf(fd, " MPFR_RET_NAN;\n":
    fprintf(fd, " }\n":

    if (init_cond[1][1] > 0) then f0 := 0 else f0 := init_cond[1][2] fi:
    if (type=FUNCTION_SERIES)
        then fprintf(fd, " if (MPFR_UNLIKELY (MPFR_IS_ZERO (x)))
        else fprintf(fd, " if (MPFR_UNLIKELY (u==0))\n")
\end{verbatim}
fi:
if (whattype(f0) = 'integer')
then
    fprintf(fd, "  ");
    fprintf(fd, "return mpfr_set_si (res, %a, rnd);\n", f0);
else
    print("You need to provide a function mpfr_%a0(mpfr_t, mpfr_rnd_t) that evaluates %a with correct
    rounding\n", name, f0):
    fprintf(fd, "  ");
    fprintf(fd, "return mpfr_%a0 (res, rnd);\n", name);
    fprintf(fd, "\n")
fi:

if (type=FUNCTION_SERIES)
then
    fprintf(fd, " if (MPFR_UNLIKELY (MPFR_IS_INF (x)))
    {
    
    for i from -1 to 1 by 2 do  # Trick to handle both -oo and +oo
        if (i<0)
            then fprintf(fd, "      if (MPFR_IS_NEG (x))
        else fprintf(fd, "      else
            fi:
        fprintf(fd, "        {
        if (i<0) then f0 := "m" else f0 := "p" fi:
        if (fofx <> _f(x))
            then
                f0 := limit(fofx, x=i*infinity):
                if (whattype(f0)="integer")
                then fprintf(fd, "    return mpfr_set_si (res, %a, rnd);\n", f0):
                elif (f0 = infinity) or (f0 = -infinity)
                then
                    fprintf(fd, "    MPFR_SET_INF(res);\n")
                    if (f0>0)
                        then fprintf(fd, "    MPFR_SET_POS(res);\n")
                    else fprintf(fd, "    MPFR_SET_NEG(res);\n")
                    fi:
                    fprintf(fd, "    MPFR_RET(0);\n")
                else
                    if (i<0) then f0 := "m" else f0 := "p" fi:
                    fi:
                    if ((f0 = "p") or (f0 = "m"))
                        then
                            printf("You need to provide a function mpfr_%a%inf(mpfr_t, mpfr_rnd_t) that evaluates lim(f(x), x="', name, f0):
                        if (f0 = "m") then printf("-") fi:
                        printf("inf) with correct rounding.\n"):
fprintf(fd, "  /* Save current exponents range */
  MPFR_SAVE_EXPO_MARK (expo);

if ( (type=FUNCTION_SERIES) or (type=FUNCTION_SERIES_RATIONAL) )
then  fprintf(fd, "  /* FIXME: special case for large values of |x| */

# Note : prec is the value such that we will try to compute an approximation
# with relative error smaller than 2^(1-prec).
# Several things may happen:
#  1) We do not achieve the intended error: this is because we badly estimated the exponent of the result
#  2) We achieve the error, but it is not sufficient to decide correct rounding (Ziv's bad case)
# Against 1), we can try to make our estimate of the exponent better with any heuristic.
# Against 2), we can consider more guard bits. 11 guard bits seem a good value for the beginning
#   (statistically, we expect to fail in less than 0.1 % of the cases)
# wprec is the precision used during the computation, in order to ensure the final relative error 2^(1-prec)
#
# printf("The code contains a variable assumed_exponent arbitrarily set to 10. You can put any value heuristically
# chosen. The closer it is to -log_2(|f(x)|), the better it is."");
# fprintf(fd, "  assumed_exponent = 10; /* TIP: You can put any value heuristically chosen. The closer it is to -log_2(|f(x)|), the better it is */
# # TODO: find a way of putting a rigorous value here.
# This value *must* be rigorous: the safety of the implementation relies on it.
# Precisely, we need to have sum(|a(i)*x^i|) <= 2^conditionNumber
# printf(fd, "  conditionNumber = xxx; /* FIXME: set a value such that sum(|a(i)*x^i|) <= 2^conditionNumber

######################################################
################## Precomputations ###################
######################################################

fprintf(fd, "n");
fprintf(fd, " /* Save current exponents range */
fprintf(fd, " MPFR_SAVE_EXPO_MARK (expo);

if ( (type=FUNCTION_SERIES) or (type=FUNCTION_SERIES_RATIONAL) )
then  fprintf(fd, " /* FIXME: special case for large values of |x| */

# Note : prec is the value such that we will try to compute an approximation
# with relative error smaller than 2^(1-prec).
# Several things may happen:
#  1) We do not achieve the intended error: this is because we badly estimated the exponent of the result
#  2) We achieve the error, but it is not sufficient to decide correct rounding (Ziv's bad case)
# Against 1), we can try to make our estimate of the exponent better with any heuristic.
# Against 2), we can consider more guard bits. 11 guard bits seem a good value for the beginning
#   (statistically, we expect to fail in less than 0.1 % of the cases)
# wprec is the precision used during the computation, in order to ensure the final relative error 2^(1-prec)
#
# printf("The code contains a variable assumed_exponent arbitrarily set to 10. You can put any value heuristically
# chosen. The closer it is to -log_2(|f(x)|), the better it is."");
# fprintf(fd, "  assumed_exponent = 10; /* TIP: You can put any value heuristically chosen. The closer it is to -log_2(|f(x)|), the better it is */
# # TODO: find a way of putting a rigorous value here.
# This value *must* be rigorous: the safety of the implementation relies on it.
# Precisely, we need to have sum(|a(i)*x^i|) <= 2^conditionNumber
# printf(fd, "  conditionNumber = xxx; /* FIXME: set a value such that sum(|a(i)*x^i|) <= 2^conditionNumber

fprintf(fd, "\n"
*\alpha^n*:

printf("The code contains a variable conditionNumber that you must manually set to a suitable value, in order to
ensure that \( \sum_{i=0}^{\infty} |a(i)\cdot x^i| \leq 2^\text{conditionNumber}\cdot n\)\n"):
fprintf(fd, " wprec = prec + ERRORANALYSISPREC + conditionNumber + assumed_exponent;\n"):

###############################################################################
################################################################################
#########################################################################
## Initialisations #############################################################
#########################################################################

if (hardconstant=1)
then
  fprintf(fd, " mpfr_init (x%d);\n", d):
fi:
if (type = FUNCTION_SERIES)
then
  fprintf(fd, " mpfr_init (tmp);\n"):
  for i from 1 to nops(exponents)-1 do
    fprintf(fd, " mpfr_init (x%d);\n", exponents[i])
  od:
fi:
for i from 1 to nc do
  fprintf(fd, " mpfr_init (tip%d);\n", init_cond[i][1])
  fprintf(fd, " mpfr_init (s);\n\n"):

###############################################################################
################################################################################
#########################################################################
## Ziv' loop: setting the precision ###########################################
#########################################################################

fprintf(fd, " /* ZIV' loop */
"):
fprintf(fd, " for (;;)
"):
fprintf(fd, " {
"):
fprintf(fd, " MPFR_LOG_MSG (("Working precision: %%d\n", wprec, 0));\n\n"):
if (hardconstant=1)
then
  fprintf(fd, " mpfr_set_prec (x%d, wprec);\n", d):
fi:
if (type = FUNCTION_SERIES)
then
  fprintf(fd, " mpfr_set_prec (tmp, wprec);\n"):
  fprintf(fd, " if(mpfr_get_prec (x) > wprec)\n"):
  fprintf(fd, " mpfr_set_prec (x1, wprec);\n"):
  fprintf(fd, " else\n"):
  fprintf(fd, " mpfr_set_prec (x1, mpfr_get_prec (x));\n"):
"
for i from 2 to nops(exponents)-1 do
  fprintf(fd, "    mpfr_set_prec (x%d, wprec);\n", exponents[i])
od:
fi:

for i from 1 to nc do
  fprintf(fd, "    mpfr_set_prec (tip%d, wprec);\n", init_cond[i][1])
od:
fprintf(fd, "    mpfr_set_prec (s, wprec);\n\n"):

######################################################
############ Ziv' loop: initial conditions ###########
######################################################

fprintf(fd, "    mpfr_set_ui (s, 0, MPFR_RNDN);
") if (type = FUNCTION_SERIES) then
  fprintf(fd, "    mpfr_set (x1, x, MPFR_RNDN);\n")
  error_counter := init_error_counter("x1", error_counter):
  for i from 2 to nops(exponents) do
    fprintf(fd, "    mpfr_mul (x%d, x%d, x%d, MPFR_RNDN);\n", exponents[i], exponents[i-1], exponents[i]-exponents[i-1]):
    var1 := sprintf("x%d", exponents[i]):
    var2 := sprintf("x%d", exponents[i-1]):
    var3 := sprintf("x%d", exponents[i]-exponents[i-1]):
    error_counter := error_counter_of_a_multiplication(var1, var2, var3, error_counter):
  od:
fi:

for i from 1 to nc do
  i0 := init_cond[i][1]:
  ri0 := init_cond[i][2]:  # We implement t_{i0} <- ri0
  if (whattype(ri0)='integer') or (whattype(ri0)='fraction') then
    if (type = FUNCTION_SERIES) and (i0 <> 0) then
      then
        var := sprintf("    mpfr_mul_si (tip%d, x%d, ", i0, i0):
        var1 := sprintf("x%d", i0):
        var2 := sprintf("x%d", i0):
        error_counter := error_counter_of_a_multiplication(var1, var2, ", error_counter):
      else
        var := sprintf("    mpfr_set_si (tip%d, ", i0):
        var1 := sprintf("x%d", i0):
        error_counter := init_error_counter(var1, error_counter):
      fi:
    fprintf(fd, "%s%d, MPFR_RNDN);\n", var, numer(ri0)):
if (whattype(ri0)="fraction")
then
  fprintf(fd, "      mpfr_div_si (tip%d, tip%d, %d, MPFR_RNDN);\n", i0, i0, denom(ri0));
  var1 := sprintf("tip%d", i0);
  error_counter := error_counter_of_a_multiplication(var1, var1, "", error_counter);
fi:
else
  printf("You need to provide a function mpfr_%a%d (mpfr_t, mpfr_rnd_t) that evaluates %a with faithful
rounding.\n", name, i0, ri0):
  fprintf(fd, "      mpfr_%a%d (tip%d, MPFR_RNDN);\n", name, i0, i0):
  var1 := sprintf("tip%d", i0):
  error_counter := init_error_counter(var1, error_counter):
if (type = FUNCTION_SERIES) and (i0 <> 0)
then
  fprintf(fd, "      mpfr_mul (tip%d, tip%d, x%d, MPFR_RNDN);\n", i0, i0, i0):
  var1 := sprintf("tip%d", i0):
  var2 := sprintf("x%d", i0):
  error_counter := error_counter_of_a_multiplication(var1, var1, var2, error_counter):
fi:
fi:

if (type = FUNCTION_SERIES_RATIONAL) and (i0 <> 0)
then
  var1 := sprintf("tip%d", i0):
  if (i0 = 1)
then fprintf(fd, "      mpfr_mul_si (tip%d, tip%d, ", i0, i0):
else
  required_mulsi := { op(required_mulsi), i0 }:
fi:
for j from 1 to i0 do
  fprintf(fd, "u, ");
  error_counter := error_counter_of_a_multiplication(var1, var1, "", error_counter):
od:
  fprintf(fd, "MPFR_RNDN);\n"):
if (i0 = 1)
then fprintf(fd, "      mpfr_div_si (tip%d, tip%d, ", i0, i0):
else
  required_divsi := { op(required_divsi), i0 }:
fi:
for j from 1 to i0 do
  fprintf(fd, "v, ");
  error_counter := error_counter_of_a_multiplication(var1, var1, "", error_counter):
od:
  fprintf(fd, "MPFR_RNDN);\n"):
fi:
fprintf(fd, " mpfr_add (s, s, tip%d, MPFR_RNDN);
\n", i0):

od:

if (whattype(c) = 'integer') or (whattype(c) = 'fraction')
then
  if (type = FUNCTION_SERIES) and (c = -1)
  then
    fprintf(fd, " MPFR_CHANGE_SIGN (x%d);
\n", d):
  elif (type = FUNCTION_SERIES) and (c <> 1)
  then
    fprintf(fd, " mpfr_mul_si (x%d, x%d, %d, MPFR_RNDN);
\n", d, d, numer(c)):
    var1 := sprintf("x%d", d):
    error_counter := error_counter_of_a_multiplication(var1, var1, ",", error_counter):
  fi:
  else
    printf("You need to provide a function mpfr_%a_cste (mpfr_t, mpfr_rnd_t) that evaluates %a with faithful
rounding:\n", name, c):
    if (type = CONSTANT_SERIES)
    then
      fprintf(fd, " mpfr_%a_cste (x%d, MPFR_RNDN);
\n", name, d):
      var1 := sprintf("x%d", d):
      error_counter := init_error_counter(var1, error_counter):
    elif (type = FUNCTION_SERIES) then
      fprintf(fd, " mpfr_%a_cste (tmp, MPFR_RNDN);
\n", name):
      error_counter := init_error_counter("tmp", error_counter):
      fprintf(fd, " mpfr_mul (x%d, tmp, x%d, MPFR_RNDN);
\n", d, d):
      var1 := sprintf("x%d", d):
      error_counter := error_counter_of_a_multiplication(var1, "tmp", var1, error_counter):
    elif (type = FUNCTION_SERIES_RATIONAL) then
      fprintf(fd, " mpfr_%a_cste (x%d, MPFR_RNDN);
\n", name, d):
      var1 := sprintf("x%d", d):
      error_counter := init_error_counter(var1, error_counter):
      if (d = 1)
      then fprintf(fd, " mpfr_mul_si (x%d, x%d, ", d, d):
      else
        required_mulsi := { op(required_mulsi), d }:
      fi:
      for j from 1 to d do
        fprintf(fd, ", u, "):
        error_counter := error_counter_of_a_multiplication(var1, var1, ",", error_counter):
      od:
      fprintf(fd, "MPFR_RNDN);
\n");
var1 := sprintf("x%d", d):
if (d = 1)
then fprintf(fd, "    mpfr_div_si (x%d, x%d, ", d, d):
else
    required_divsi := { op(required_divsi), d }:
    fprintf(fd, "    mpfr_div_si%d (x%d, x%d, ", d, d, d):
fi:
for j from 1 to d do
    fprintf(fd, "v, "):
    error_counter := error_counter_of_a_multiplication(var1, var1, ", error_counter):
od:
    fprintf(fd, "MPFR_RNDN);n")):
fi:
fi:


fprintf(fd, "un"):  

	/* Evaluation of the series */
fprintf(fd, "
    k = %d;n", d):
fprintf(fd, "
    for (;;\n):
fprintf(fd, "
    \n":
if (init_cond[1][1] <> 0) then fprintf(fd, "          k += %d;n", init_cond[1][1]) fi:
for i from 1 to nc do
    error_in_loop := 0:
    i0 := init_cond[i][1]:
    if (hardconstant = 1)
then
    fprintf(fd, "    mpfr_mul (tip%d, tip%d, x%d, MPFR_RNDN);n", i0, i0, d):
    var1 := sprintf("x%d", d):
    error_in_loop := error_in_loop + 1 + find_in_error_counter(var1, error_counter):
else
    var := sprintf("tip%d", i0):
    temp := generate_multiply_rational(fd, var, var, c, [[var, error_in_loop]], ", "):
    error_in_loop := find_in_error_counter(var, temp):
if (type = FUNCTION_SERIES_RATIONAL)
then
    if (d=1)
then
    fprintf(fd, "    mpfr_mul_si (tip%d, tip%d, u, MPFR_RNDN);n", i0, i0):
    fprintf(fd, "    mpfr_div_si (tip%d, tip%d, v, MPFR_RNDN);n", i0, i0):
    error_in_loop := error_in_loop + 2:
else
    required_mulsi := { op(required_mulsi), d }:
    fprintf(fd, "    mpfr_mul_si%d (tip%d, tip%d", d, i0, i0):
    fprintf(fd, "\n");n"):
fi:
for j from 1 to d do fprintf(fd, ", u") od:
    fprintf(fd, ", MPFR_RNDN);\n\nerror_in_loop := error_in_loop + d:

    required_divsi := { op(required_divsi), d }:
    fprintf(fd, "    mpfr_div_si%d (tip%d, tip%d", d, i0, i0):
        for j from 1 to d do fprintf(fd, ", v") od:
    fprintf(fd, ", MPFR_RNDN);\n\nerror_in_loop := error_in_loop + d:
    fi
fi
fi:

var := sprintf("tip%d", i0):

    temp := generate_multiply_poly(fd, var, var, subs(n=k-d, p/q), [[var, error_in_loop]], "          "):    required_mulsi := { op(required_mulsi), op(temp[1]) }:
    required_divsi := { op(required_divsi), op(temp[2]) }:
    error_in_loop := find_in_error_counter(var, temp[3]):
    temp := generate_multiply_poly(fd, "tmp", var, subs(n=k, s2/s1), [[var, error_in_loop]], "          "):    required_mulsi := { op(required_mulsi), op(temp[1]) }:
    required_divsi := { op(required_divsi), op(temp[2]) }:

    fprintf(fd, "    mpfr_add (s, s, tmp, MPFR_RNDN);\n\nif (i<nc) then fprintf(fd, "\n      k += %d;\n\nelse fprintf(fd, "\n      k += %d;\n\nfi:
od:

#########################################################################
# Error analysis #
#########################################################################

maxofti := 0: # store the maximum of the error counters of the initial conditions
for i from 1 to nc do
    var := sprintf("tip%d", init_cond[i][1]):
        if find_in_error_counter(var, error_counter) > maxofti
            then maxofti := find_in_error_counter(var, error_counter):
        fi:
od:
additional_error := find_in_error_counter("tmp", temp[3]) - error_in_loop:

#########################################################################
# Ziv' loop: stopping criterion for the series #
#########################################################################
The first neglected term is $t_k$, so the remainder is made by $t_k + t(k+d) + t(k+2d) + \ldots$ and the corresponding series beginning with $t(k+1)$, $t(k+2)$, etc. up to $t(k+d-1)$. 

We have $t(k0+d) = c * s1(k0)/s1(k0+d) * s2(k0+d)/s2(k0) * p(k0)/q(k0) * x^d t(k0)$ (where $x=\frac{u}{v}$ or $x=1$ in cases of rational series or constant series) 

So it suffices that: 

forall $k0 \geq k-d$, $|c * s1(k0)/s1(k0+d) * s2(k0+d)/s2(k0) * p(k0)/q(k0) * x^d t(k0)| \leq 1/2$ \hfill (1) 

If this is true, $|t_k| = |c * s1(k-d)/s1(k) * s2(k)/s2(k-d) * p(k-d)/q(k-d) * x^d t(k-d)| \leq t(k-d)/2$ 

This is also true for larger values of $k$, so we can bound $|t_k + t(k+d) + t(k+2d) + \ldots|$ by $|t(k-d)|$. 

And the same holds for $|t(k+1) + \ldots|$, $|t(k+2) + \ldots|$, etc. up to $|t(k+d-1)+\ldots|$. 

global_test depends on $k$ and we must satisfy: 

"if (global_test) then (1) holds". 

The total remainder is bounded by $2*nc*t_k$. 

The code contains a variable global_test that you must manually set to a suitable value, in order to ensure that when global_test is true, the following holds:\n"

guard_bits := 1+1+ceil(log[2](nc));
for i from 1 to nc do
i0 := init_cond[i][1]:
fprintf(fd, "          test%d = ( (!MPFR_IS_ZERO(s))
", i0):
fprintf(fd, "                    && ( MPFR_IS_ZERO(tip%d)
", i0):
fprintf(fd, "                         || (MPFR_EXP(tip%d) + (mp_exp_t)prec + %d <= MPFR_EXP(s))\n", i0, guard_bits):
fprintf(fd, "                    );
":
fprintf(fd, "          if ("):
for i from 1 to nc do
fprintf(fd, "test%d && ", init_cond[i][1]):
od:
fprintf(fd, "          if ("");
for i from 1 to nc do
fprintf(fd, "test%d \&\& ", init_cond[i][1]):
od:
fprintf(fd, "          global_test\n":
fprintf(fd, "          break;\n":
fprintf(fd, "          }\n
":

MPFR_LOG_MSG ((\"Truncation rank: %lu\n\"), k));\n
err = ERRORANALYSISK + conditionNumber - MPFR_GET_EXP (s);\n
err = the number of bits lost due to the evaluation error.
fprintf(fd, " /* wprec-(prec+1): number of bits lost due to the approximation error */
"):
fprintf(fd, " MPFR_LOG_MSG (("Roundoff error: %Pu\n", err));\n"
":)
fprintf(fd, " MPFR_LOG_MSG (("Approxim error: %Pu\n", wprec-prec-1));\n"
":)
fprintf(fd, " if (wprec < err+1)\n"
":)
fprintf(fd, " correct_bits=0;\n"
":)
fprintf(fd, " else\n"
":)
fprintf(fd, " {\n"
":)
fprintf(fd, " if (wprec < err+prec+1)\n"
":)
fprintf(fd, " correct_bits = wprec - err - 1;\n"
":)
fprintf(fd, " else\n"
":)
fprintf(fd, " correct_bits = prec;\n"
":)
fprintf(fd, " }\n"
":)
fprintf(fd, " if (MPFR_LIKELY (MPFR_CAN_ROUND (s, correct_bits, MPFR_PREC (y), rnd)))\n"
":)
fprintf(fd, " break;\n"
":)

fprintf(fd, " if (correct_bits == 0)\n"
":)
fprintf(fd, " {\n"
":)
fprintf(fd, " assumed_exponent *= 2;\n"
":)
fprintf(fd, " MPFR_LOG_MSG (("Not a single bit correct (assumed_exponent=%lu)\n",\n"
":)
fprintf(fd, " assumed_exponent));\n"
":)
fprintf(fd, " wprec = prec + ERRORANALYSISK + conditionNumber + assumed_exponent;\n"
":)
fprintf(fd, " }\n"
":)
fprintf(fd, " else\n"
":)
fprintf(fd, " {\n"
":)
fprintf(fd, " if (correct_bits < prec)\n"
":)
fprintf(fd, " { /* The precision was badly chosen */\n"
":)
fprintf(fd, " MPFR_LOG_MSG (("Bad assumption on the exponent of %s(x)\", 0));\n"
":)
fprintf(fd, " assumed_exponent=\n"
":)
fprintf(fd, " MPFR_LOG_MSG (("E=%ld\n", (long) MPFR_GET_EXP (s)));\n"
":)
fprintf(fd, " wprec = prec + err + 1;\n"
":)
fprintf(fd, " else\n"
":)
fprintf(fd, " { /* We are really in a bad case of the TMD */\n"
":)
fprintf(fd, " MPFR_ZIV_NEXT (loop, prec);\n"
":)
fprintf(fd, " } /* We update wprec */\n"
":)
fprintf(fd, " } /* We assume that K will not be multiplied by more than 4 */\n"
":)
fprintf(fd, " wprec = prec + ERRORANALYSIS4K + conditionNumber;\n"
":)
fprintf(fd, " MPFR_GET_EXP (s));\n"
":)
fprintf(fd, " }\n"
":)
fprintf(fd, " ] /* End of ZIV loop */\n"
":)
fprintf(fd, " MPFR_ZIV_FREE (loop);\n"
":)
fprintf(fd, " r = mpfr_set (res, s, rnd);\n"
":)

#############################################################
# Clearing everything #################################################
fprintf(fd, " mpfr_clear (s);\n");
if (hardconstant=1)
then
  fprintf(fd, " mpfr_clear (x%d);\n", d);
fi;
if (type = FUNCTION_SERIES)
then
  fprintf(fd, " mpfr_clear (tmp);\n"):
  for i from 1 to nops(exponents)-1 do
    fprintf(fd, " mpfr_clear (x%d);\n", exponents[i]);
  od:
fi:
for i from 1 to nc do
  fprintf(fd, " mpfr_clear (tip%d);\n", init_cond[i][1]):
  od:
fprintf(fd, "\n");
fprintf(fd, " MPFR_SAVE_EXPO_FREE (expo);\n");
fprintf(fd, " return mpfr_check_range (res, r, rnd);\n");
fclose(fd):
for i from 1 to nops(required_mulsi) do
  printf("You need to provide a mpfr_mul_si%d function.\n", required_mulsi[i]):
  printf("  -> This can be achieved by a call to generate_muldivsin("mul", %d);\n", required_mulsi[i]):
  od:
for i from 1 to nops(required_divsi) do
  printf("You need to provide a mpfr_div_si%d function.\n", required_divsi[i]):
  printf("  -> This can be achieved by a call to generate_muldivsin("div", %d);\n", required_divsi[i]):
  od:

####################################################################
################## Error analysis ####################
####################################################################

printf("\n\n");
printf("Before the loop, we have "): 
for i from 1 to nc do 
  var := sprintf("tip%d", init_cond[i][1]):
  printf("%s {%d}", var, find_in_error_counter(var, error_counter)):
  if (i <> nc) then printf(", ") else printf("\n") fi:
  od:
printf("Each step of the loop adds another \{%d\}\n", error_in_loop):
if (additional_error <> 0)
then printf("Moreover, the multiplication by \%a adds another \{\%d\} to each term before it is summed.\n", subs(n=k, s2/s1), additional_error)
fi:
printf("Finally, we have s = \sum_{i=0}^{(k-1)} (t_i \{\%d + \%dk\}) \\n", maxofti + additional_error + 1 - error_in_loop, error_in_loop):
printf("We bound it by \{(k+%d)*2^{(%d)}\}\n", ceil( (maxofti + additional_error + 1 - error_in_loop)/error_in_loop), ceil(log[2](error_in_loop))):
a := ceil( (maxofti + additional_error + 1 - error_in_loop)/error_in_loop):
b := ceil(log[2](error_in_loop)):

if (a > 0)
then var := sprintf("MPFR_INT_CEIL_LOG2 (prec + \%d)\", a)
elif (a=0) then var := sprintf("MPFR_INT_CEIL_LOG2 (prec)\")
else var := sprintf("MPFR_INT_CEIL_LOG2 (prec - \%d)\", -a)
fi:
if (b > 0) then var := sprintf("\%s + \%d", var, b+2) fi:
var := sprintf("sed -n -i 's/ERRORANALYSISPREC/%s/g;p' \%s", var, filename):
system(var):

if (a > 0)
then var := sprintf("MPFR_INT_CEIL_LOG2 (k + \%d)\", a)
elif (a=0) then var := sprintf("MPFR_INT_CEIL_LOG2 (k)\")
else var := sprintf("MPFR_INT_CEIL_LOG2 (k - \%d)\", -a)
fi:
if (b > 0) then var := sprintf("\%s + \%d", var, b+2) fi:
var := sprintf("sed -n -i 's/ERRORANALYSISISK/%s/g;p' \%s", var, filename):
system(var):

if (a > 0)
then var := sprintf("MPFR_INT_CEIL_LOG2 (k + \%d)\", a)
elif (a=0) then var := sprintf("MPFR_INT_CEIL_LOG2 (k)\")
else var := sprintf("MPFR_INT_CEIL_LOG2 (k - \%d)\", -a)
fi:
var := sprintf("\%s + \%d", var, b+4):
var := sprintf("sed -n -i 's/ERRORANALYSIS4K/%s/g;p' \%s", var, filename):
system(var):

end proc:
read ("metaMPFR_straightforwardAlgo.mpl"):

f := AiryAi(x):
deq := holexprtodiffeq(f, y(x)):
rec := diffeqtorec(deq, y(x), a(n)):
name_of_function := op(0,f):
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de \%s **************************\n", name_of_function);
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

f := erf(x):
deq := holexprtodiffeq(f, y(x)):
rec := diffeqtorec(deq, y(x), a(n)):
nname_of_function := op(0,f):
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := \{ a(n+1) = -(6*n+1)*(6*n+2)*(6*n+3)*(6*n+4)*(6*n+5)*(6*n+6)*a(n)/(n+1)^3*(3*n+1)*(3*n+2)*(3*n+3)*12288000 ), a(0)=1 \}:
nname_of_function := alpha:
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := \{ a(n+1) = -(6*n+1)*a(n)/(n+1)^3 ), a(0)=1 \}:
nname_of_function := test0a:
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := \{ a(n+1) = (1/Pi)\*(3*n+1)*a(n)/(n+2) ), a(0)=Pi \}:
nname_of_function := test1a:
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := \{ a(n+1) = (1/Pi)\*(3*n+1)*a(n)/(n+2) ), a(0)=Pi \}:
nname_of_function := test2a:
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := \{ a(n+1) = (1/Pi)\*(3*n+1)*a(n)/(n+2) ), a(0)=Pi \}:
nname_of_function := test3a:
nname_of_file := sprintf("%a.c", name_of_function):
printf("%n
%%%%%%%%%%%%%%%%%%%%%%%% Implementation de %s %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%n",
nname_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):
rec := { a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=1, a(1)=2 }:
name_of_function := test4a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=Pi, a(1)=0 }:
name_of_function := test5a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=1, a(1)=Pi }:
name_of_function := test6a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=Pi, a(1)=0 }:
name_of_function := test7a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=1, a(1)=0, a(2)=0 }:
name_of_function := test8a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=0, a(1)=Pi, a(2)=2 }:
name_of_function := test9a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=0, a(1)=0, a(2)=1 }:
name_of_function := test10a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ****************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+7) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=Pi, a(4)=1, a(6)=2  }:
name_of_function := test11a:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), CONSTANT_SERIES, name_of_function, name_of_file, f):

rec := { a(n+1) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=1 }:
name_of_function := test0b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+1) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=Pi }:
name_of_function := test1b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+1) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=1 }:
name_of_function := test2b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+1) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=Pi }:
name_of_function := test3b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=1, a(1)=2 }:
name_of_function := test4b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s ******************************/
",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=Pi, a(1)=0}:
name_of_function := test5b:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = (1/Pi)*(3*n+1)*a(n)/((n+2)) , a(0)=1, a(1)=Pi };
name_of_function := test6b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+2) = (1/Pi)*(3*n+1)*a(n)/((n+2)) , a(0)=Pi, a(1)=0};
name_of_function := test7b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = -(6*n+1)*a(n)/((n+1)^3) , a(0)=1, a(1)=0, a(2)=0 };
name_of_function := test8b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = -(6*n+1)*a(n)/((n+1)^3) , a(0)=0, a(1)=Pi, a(2)=2};
name_of_function := test9b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+3) = (1/Pi)*(3*n+1)*a(n)/((n+2)) , a(0)=0, a(1)=0, a(2)=1 };
name_of_function := test10b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+7) = (1/Pi)*(3*n+1)*a(n)/((n+2)) , a(0)=Pi, a(4)=1, a(6)=2 };
name_of_function := test11b;
name_of_file := sprintf("%a.c", name_of_function);
printf("\n\n\n************************** Implementation de %s **************************\n", name_of_file);
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES, name_of_function, name_of_file, f):

rec := { a(n+1) = -(6*n+1)*a(n)/((n+1)^3) , a(0)=1 };


name_of_function := test0c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+1) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=Pi \}:
name_of_function := test1c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+1) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=1 \}:
name_of_function := test2c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=1, a(1)=2 \}:
name_of_function := test3c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+2) = -(6*n+1)*a(n)/( (n+1)^3 ), a(0)=Pi, a(1)=0 \}:
name_of_function := test5c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+2) = (1/Pi)*(3*n+1)*a(n)/( (n+2) ), a(0)=1, a(1)=Pi \}:
name_of_function := test6c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n/************************** Implmentation de %s ******************************/\n",
name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):
rec := \{ a(n+2) = (1/Pi)*(3*n+1)*a(n)/(n+2) \}, a(0)=Pi, a(1)=0 \};
name_of_function := test7c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s *************************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+3) = -(6*n+1)*a(n)/(n+1)^3 \}, a(0)=1, a(1)=0, a(2)=0 \):
name_of_function := test8c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s *************************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+3) = -(6*n+1)*a(n)/(n+1)^3 \}, a(0)=0, a(1)=Pi, a(2)=2 \):
name_of_function := test9c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s *************************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+3) = (1/Pi)*(3*n+1)*a(n)/(n+2) \}, a(0)=0, a(1)=0, a(2)=1 \):
name_of_function := test10c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s *************************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

rec := \{ a(n+7) = (1/Pi)*(3*n+1)*a(n)/(n+2) \}, a(0)=Pi, a(4)=1, a(6)=2 \):
name_of_function := test11c:
name_of_file := sprintf("%a.c", name_of_function):
printf("\n\n\n************************** Implmentation de %s *************************************\n", name_of_file):
generateStraightforwardAlgo(rec, a(n), FUNCTION_SERIES_RATIONAL, name_of_function, name_of_file, f):

# These procedures come from the source code of GFun.
#
getline:=proc(yofz::function(name), y, z)
y:=op(0,yofz);
if type(y,'procedure') then error `not an unassigned name`,y fi;
z:=op(yofz)
end proc:

# returns the smallest i such that u(n+i) appears in a recurrence
#
minindex := proc(rec,u,n)
min(op(map(op,indets(rec,'specfunc'('linear'(n),u)))))-n
end proc:

#
# returns the largest i such that u(n+i) appears in a recurrence
#
maxindex := proc(rec,u,n)
max(op(map(op,indets(rec,'specfunc'('linear'(n),u)))))-n
end proc:

#
# A recurrence of the form a(n+d) = p(n)/q(n) a(n) is represented through a record:
# OneTermRecurrence : record(order, numerator, denominator)
#
'type/OneTermRecurrence' := 'record(order, numerator, denominator)':

#
checkOneTermRecurrence
# Input: a recurrence rec (either with or without initial conditions).
# If it has initial conditions, they are ignored.
# a(n): the name of the sequence and the name of the variable.
#
# Output:
# This procedure checks that rec is a recurrence of the form a(n+d) = p(n)/q(n) a(n)
# If the check succeeds, it returns the corresponding record. If it fails, an error is
# returned.
#
checkOneTermRecurrence := proc(rec, aofn)::OneTermRecurrence;
local r, d, a, n, term1, term2, res;

g�名(aofn, a, n):
if type(rec, 'set') then
    r:=select(has, rec, n);
    if nops(r)>1
        then error `invalid recurrence`, rec
    fi:
    if nops(r)=0
        then error "%1 does not appear in the recurrence", n
    fi:
    r := op(r):
else r:=rec:
fi:
if type(r,"=")
    then r:=op(1,r)-op(2,r)
fi:
if indets(r, 'specfunc'('anything', a)) <> indets(r, 'specfunc'('linear'(n), a))
then error "the recurrence contains elements that are not linear in %1", n
fi:
if nops(r) <> 2
then error "the recurrence contains %1 terms (expected 2)", nops(r)
fi:
r := subs(n=n-minindex(r, a, n), r):
d := maxindex(r, a, n):

term1 := select(has, r, a(n)):
term2 := select(has, r, a(n+d)):

res := factor( -(term1/a(n)) / (term2/a(n+d)) ) :

Record( 'order'=d, 'numerator' = numer(res), 'denominator' = denom(res) )
end proc:

#
# my_factors factorizes p the same way as factors(p) would do except that the constant part is computed
# differently. We assume here that p has integer coefficients, and we want to factorize it over polynomials
# with integer coefficients. my_factors ensures that the factors have integer coefficients.
#
my_factors := proc(p)
local L, c, fact, i, my_c, my_fact, q:
L := factors(p):
c := L[1]: fact := L[2]:
my_c := c: my_fact := []:
for i from 1 to nops(fact) do
q := denom(fact[i][1]):
my_fact := [ op(my_fact), [ fact[i][1]*q, fact[i][2] ] ]:
my_c := my_c / (q^fact[i][2]):
od:
[ my_c, my_fact]:
end proc:

#
# This procedure decomposes a one-term recurrence with the following form:
# a(n+1) = c * s1(n)/s1(n+d) * s2(n+d)/s2(n) * p(n)/q(n) * a(n)
#
# Known issue: this procedure assumes that the only variables involved are n and x with their usual meaning.
#
decomposeOneTermRecurrence := proc(formalRec::OneTermRecurrence, res_cste, res_s1, res_s2, res_p, res_q)
local p, q, cste, s1, s2, d, L, i, tmp, exponent, r, polying;
p := formalRec:-numerator:
q := formalRec:-denominator:
d := formalRec:-order:
s1 := 1:
L := op(2,my_factors(p)); # L contains the non trivial factors of p
for i from 1 to nops(L) do
  tmp := L[i][1]: exponent := L[i][2];
  r := gcd(tmp^exponent, subs(n=n-d, q)):
  p := quo(p,r,n): q := quo(q, subs(n=n+d, r),n): s1 := s1 * r:
od:

s2 := 1:
L := op(2,my_factors(p)); # L contains the remaining non trivial factors of p
for i from 1 to nops(L) do
  tmp := L[i][1]: exponent := L[i][2];
  r := gcd(tmp^exponent, subs(n=n+d, q)):
  p := quo(p, r, n): q := quo(q, subs(n=n-d, r), n): s2 := s2 * r:
od:

# Finally we look for the constant part (with respect to n) of p/q
cste := op(1, my_factors(p))/op(1, my_factors(q)):
p := p/op(1, my_factors(p)): q := q/op(1, my_factors(q)):
polyring := RegularChains[PolynomialRing]([n,x]):
L := op(2, my_factors(p)):
for i from 1 to nops(L) do
  if RegularChains[MainVariable](L[i][1], polyring) = x
    then cste := cste * L[i][1]^L[i][2]: p := quo(p,L[i][1]^L[i][2],x):
  fi:
od:
L := op(2, my_factors(q)):
for i from 1 to nops(L) do
  if RegularChains[MainVariable](L[i][1], polyring) = x
    then cste := cste / L[i][1]^L[i][2]: q := quo(q,L[i][1]^L[i][2],x):
  fi:
od:

res_cste := cste;
res_s1 := s1;
res_s2 := s2;
res_p := simplify(p);
res_q := simplify(q);
end proc:

#
#coeffrecToTermsrec
# Input: a linear recurrence rec (either with or without initial conditions).
# a(n): the name of the sequence and the name of the variable.
# x: a value or symbolic name
#
# Output:
# The recurrence satisfied by a(n)*x^n. Note that this recurrence is also denoted by a(n).
# If initial conditions were provided, corresponding initial conditions are computed.
#
coeffrecToTermsrec := proc(rec, aofn, x)
local a,n,L,r,cond,d,i,tmp,c,res;
getname(aofn, a, n):
if type(rec, 'set') then
    L := selectremove(has, rec, n):
    r := L[1]:
    if nops(r)>1
        then error `invalid recurrence`, rec
    fi:
    if nops(r)=0
        then error "%1 does not appear in the recurrence", n
    fi:
    r := op(r):
    cond := L[2]:
else r := rec:
fi:

d := maxindex(r, a, n):
L := indets(r,'specfunc(''linear''(n),a)):
if indets(r,'specfunc(''anything'',a)) <> L
    then error "the recurrence contains elements that are not linear in %1", n
fi:
L := map(op, L):
for i from 1 to nops(L) do
    r := subs(a(op(i,L))=a(op(i,L))*x^(d-op(i,L)+n), r):
od:
if cond<>`cond` then
    c := {}:
    for i from 1 to nops(cond) do
        tmp := op(i, cond): # tmp should have the form 'a(k) = cste'
        if not type(tmp,"=") then error "Invalid initial condition: %1", tmp: fi:
        L := selectremove(has, {op(tmp)}, a):
        if (nops(L[1]) <> 1) or (nops(L[2])<>1)
            then error "Invalid initial condition: %1", tmp:
        fi:
        tmp := op(1, L[1]): # tmp has the form 'a(k)'
        c := {op(c), tmp = op(1, L[2])*x^op(tmp)}:
    od:
    res := {r, op(c)}:
else res := r:
fi:
res:
end proc:

#
# This procedure removes the conditions of the form a(k)=0 from the initial conditions of rec
# It returns a list L = [L1, L2, ...] where Li = [k, expr] representing the condition a(k)=expr.
# Moreover, it asserts that the Li are ordered by increasing k.
#
removeTrivialConditions := proc(rec,aofn)
    local a,n,i,L,tmp,c,cond,k:
    getname(aofn,a,n):
    if not(type(rec, 'set')) then
        error "%1 is not a recurrence with initial conditions", rec
    else
        L := selectremove(has, rec, n):
        cond := L[2]:
        if nops(cond)=0
            then error "%1 does not contain initial conditions", rec
        fi:
        c := []:
        for i from 1 to nops(cond) do
            tmp := op(i, cond): # tmp should have the form 'a(k) = cste'
            if not(type(tmp,`=`)) then error "Invalid initial condition: %1", tmp: fi:
            L := selectremove(has, {op(tmp)}, a):
            if (nops(L[1]) <> 1) or (nops(L[2])<>1)
                then error "Invalid initial condition: %1", tmp:
            fi:
            if op(1, L[2])<>0 then c := [op(c), [op(op(1, L[1])), op(1, L[2])]]: fi:
        od:
        # We check that the conditions are ordered by increasing k.
        if (nops(c)=0) then return c: fi:
        k := c[1][1]:
        for i from 2 to nops(c) do
            if(c[i][1]<=k)
                then error "Unexpected error in removeTrivialConditions: the conditions are not correctly ordered (%1)
            else k := c[i][1]
        fi:
        od:
        c:
    end proc:
    
# findFixpointOfDifferences: takes a set L of integer and returns the smallest set S
# containing L and such that for each i, S[i]-S[i-1] \in S
findFixpointOfDifferences := proc(L)
    local res, i:
    res := L:
    for i from 2 to nops(L) do
        res := { op(res), L[i]-L[i-1] }:
    od:
if (res=L) then return res else return findFixpointOfDifferences(res) fi:
end proc:

#
# error_counter functions allows one to follow the accumulation of errors in each variable.
# an error_counter is a list of the form [[var1, c1], [var2, c2], ... ]
# where the vari are variable names and the ci indicate how many approximation errors
# are accumulated in vari.
#

# This procedure initializes the counter associated with variable var to 1 (and creates it if needed.)
# It returns an up-to-date error_counter.
init_error_counter := proc (var, error_counter)
local i, res:
res := error_counter:
for i from 1 to nops(res) do
if (res[i][1]=var) then res[i][2] := 1:
return res:
fi
od:
res := [op(res), [var, 1]]:
end:

# This procedure adds a given number to the counter associated with variable var.
# It returns an up-to-date error_counter.
add_to_error_counter := proc (var, n, error_counter)
local i, res:
res := error_counter:
for i from 1 to nops(res) do
if (res[i][1]=var) then res[i][2] := res[i][2]+n:
return res:
fi
od:
res := [op(res), [var, n]]:
end proc:

# This procedure sets the value of the counter associated with variable var.
# It returns an up-to-date error_counter.
set_error_counter := proc(var, n, error_counter)
local i,err:
err := error_counter:
for i from 1 to nops(err) do
    if (err[i][1]=var) then err[i][2] := n:
        return err:
    fi
od:
err := [op(err), [var, n]]:
end proc:

#
# This procedure initializes the counter associated to the multiplication of var2 and var3,
# putting the result in variable var1.
# It returns an up-to-date error_counter.
error_counter_of_a_multiplication := proc (var1, var2, var3, error_counter)
local i, res, c2, c3:
c2 := 0: c3 := 0:
for i from 1 to nops(error_counter) do
    if (error_counter[i][1]=var2) then c2 := error_counter[i][2] fi:
    if (error_counter[i][1]=var3) then c3 := error_counter[i][2] fi:
    if (error_counter[i][1]=var1)
        then
            res := [ op(error_counter[1..i-1]), op(error_counter[i+1..nops(error_counter)]) ]
        fi:
od:
if (res = 'res') then res := error_counter fi:
res := [op(res), [var1, c2+c3+1]]:
end:

#
# Copies the error counter of var2 into var1
error_counter_on_copy := proc(var1, var2, error_counter)
local i, err, c2:
c2 := 0:
for i from 1 to nops(error_counter) do
    if (error_counter[i][1] = var2) then c2 := error_counter[i][2] fi:
    if (error_counter[i][1] = var1)
        then
            err := [ op(error_counter[1..i-1]), op(error_counter[i+1..nops(error_counter)]) ]
        fi:
od:
if (err = 'err') then err := error_counter fi:
if (c2 <> 0) then err := [op(res), [var1, c2]] fi:
end proc:

#
# Returns the value of the error counter associated to a variable
find_in_error_counter := proc(var, error_counter)
local i:
for i from 1 to nops(error_counter) do
  if (error_counter[i][1] = var) then return error_counter[i][2] fi:
od:
return 0:
end proc:

#
# generate_multiply_rational(fd, var1, var2, r, error_counter, indent) generates code for performing
# var1 = var2*r in MPFR
# fd is the file descriptor in which the code shall be produced.
# var1 and var2 are strings representing variable names. r is a Maple rational number.
# error_counter is an error_counter (as described above).
# indent is an optional argument. It is a string used to correctly indent the code. It is prefixed to any
# generated line. Hence, if indent=" ", the generated code will be indented by 2 spaces.
# An up-to-date error_counter is returned.
generate_multiply_rational := proc(fd, var1, var2, r, error_counter, indent:="")
  local p,q,err:
  err := error_counter:
  if (whattype(r)<>`fraction`) and (whattype(r)<>'integer') then error "generate_multiply_rational used with non rational number %1", r: fi:
  if (abs(r)=1)
    if (var1=var2)
      if (r<>1) then fprintf(fd, "%sMPFR_CHANGE_SIGN (%s);
      return err:
    else
      if (r=1)
        fprintf(fd, "%smpfr_set (%s, %s, MPFR_RNDN);
      else fprintf(fd, "%smpfr_neg (%s, %s, MPFR_RNDN);
      fi:
      return error_counter_on_copy(var1, var2, err):
    fi:
  else
    p := numer(r): q := denom(r):
    if (abs(p)<>1)
      fprintf(fd, "%smpfr_mul_si (%s, %s, %d, MPFR_RNDN);\n      err := error_counter_of_a_multiplication(var1, var2, ",", err):
    if(q<>1)
      fprintf(fd, "%smpfr_div_si (%s, %s, %d, MPFR_RNDN);\n      err := error_counter_of_a_multiplication(var1, var1, ",", err):
    fi:
    else
      fprintf(fd, "%smpfr_div_si (%s, %s, %d, MPFR_RNDN);\n    fi:
  fi:
  # Now, r is a rational number different from 1.
  p := numer(r): q := denom(r):
  if (abs(p)<1)
    fprintf(fd, "%smpfr_mul_si (%s, %s, %d, MPFR_RNDN);\n    err := error_counter_of_a_multiplication(var1, var2, ",", err):
  if(q<1)
    fprintf(fd, "%smpfr_div_si (%s, %s, %d, MPFR_RNDN);\n    err := error_counter_of_a_multiplication(var1, var1, ",", err):
  fi:
  else
    fprintf(fd, "%smpfr_div_si (%s, %s, %d, MPFR_RNDN);\n  fi:
err := error_counter_of_a_multiplication(var1, var2, ",", err):
fi:
return err:
end proc:

#
# generate_multiply_poly is the same as generate_multiply_rational but when r is a rational fraction.
# The fraction r must have the form p/q where p and q are polynomials with integer coefficients.
# Moreover, the gcd of the coefficients of p must be 1. Idem for q.
# The procedure returned a list [m, d, err] where m is the set of indices k such that
# a mpfr_mul_sik function is needed and idem for d with mpfr_div_sik.
# err is an up-to-date error counter.
genenerate_multiply_poly := proc(fd, var1, var2, r, error_counter, indent="")
local p,q,Lp,Lq,n,i,j,var, required_mulsi, required_divsi, err:
err := error_counter:
required_mulsi := {}:
required_divsi := {}:
p := numer(r): q := denom(r):
Lp := my_factors(p): Lq := my_factors(q):
if (Lp[1] <> 1)
  then error "generate_multiply_poly: an integer can be factored out of %1", p:
  fi:
if (Lq[1] <> 1)
  then error "generate_multiply_poly: an integer can be factored out of %1", q:
  fi:
Lp := Lp[2]: Lq := Lq[2]:
var := var2:
if (nops(Lp) <> 0)
  then
    n := 0:
    for i from 1 to nops(Lp) do n := n + Lp[i][2] od:
    if (n=1)
      then
        fprintf(fd, "%smpfr_mul_si (%s, %s", indent, var1, var):
      else
        required_mulsi := { op(required_mulsi), n }:
        fprintf(fd, "%smpfr_mul_si%d (%s, %s", indent, n, var1, var):
      fi:
    for i from 1 to nops(Lp) do
      for j from 1 to Lp[i][2] do
        fprintf(fd, ", %a", Lp[i][1]):
      od:
    od:
    fprintf(fd, ", MPFR_RNDN);\n"): 
  err := set_error_counter(var1, n+find_in_error_counter(var, err) , err):
  var := var1:
fi:
if (nops(Lq) <> 0)
then
  n := 0:
  for i from 1 to nops(Lq) do n := n + Lq[i][2] od:
  if (n=1)
    then
      fprintf(fd, "%smpfr_div_si (%s, %s", indent, var1, var):
    else
      required_divsi := { op(required_divsi), n }:
      fprintf(fd, "%smpfr_div_si%d (%s, %s", indent, n, var1, var)
    fi:
  for i from 1 to nops(Lq) do
    for j from 1 to Lq[i][2] do
      fprintf(fd, ", %a", Lq[i][1])
    od:
  od:
  fprintf(fd, ", MPFR_RNDN);\n"):
  err := set_error_counter(var1, n+find_in_error_counter(var, err) , err):
  var := var1:
fi:
if (var1 <> var) then
  fprintf(fd, "%smpfr_set (%s, %s, MPFR_RNDN);\n", indent, var1, var):
  err := set_error_counter(var1, find_in_error_counter(var, err) , err):
fi:
return [required_mulsi, required_divsi, err]:
end proc:

# This function generates the code of a procedure mpfr_mul_uin or mpfr_div_uin
#
generate_muldivsin := proc(op, n)
  local i, var:
  if ((op <> "mul") and (op <> "div"))
    then error "Invalid argument to generate_muldivuin (%1). Must be 'mul' or 'div'", op
  fi:
  if (whattype(n) <> 'integer')
    then error "Invalid argument to generate_muldivuin (%1). Must be an integer.", n
  fi:
  if (op="mul") then var := "MUL" else var := "DIV" fi:

  printf("__MPFR_DECLSPEC void mpfr_div_si%d _MPFR_PROTO((mpfr_ptr, mpfr_srcptr,\n", indent, var1, var, n):
  for i from n to 2 by -2 do
    printf("                               long int, long int,\n"):
  od:
  if (i=1)
    then

printf("                                               long int, mpfr_rnd_t);
"):
else
    printf("                                               mpfr_rnd_t);
")
fi:

printf("\n\n\n"): printf("void\n"): printf("mpfr_%s_si%d (mpfr_ptr y, mpfr_srcptr x,\n", op, n):
for i from n to 2 by -2 do
    printf("                                               long int v%d, long int v%d,\n", n-i+1, n-i+2):
od:
if (i=1)
then
    printf("                                               mpfr_rnd_t mode)\n", n):
else
    printf("                                               mpfr_rnd_t mode)\n")
fi:
printf("\{\n"): printf("  long int acc = v1;\n"): printf("  mpfr_set (y, x, mode);\n"): for i from 2 to n do
    printf("  MPFR_ACC_OR_%s (v%d);\n", var, i):
od:
printf("  mpfr_%s_si (y, y, acc, mode);\n", op):
printf("\}"); return:
end proc:

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Note: If you've sent us patches, bug reports, or otherwise contributed to Logstash, and you aren't on the list above and want to be, please let us know and we'll make sure you're here. Contributions from folks like you are what make open source awesome.
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POST /api/as/v1/engines/node-modules/search.json
authorization: Bearer api-hean6g8dmxnm2shqqiag757a
content-type: application/json
x-swiftype-client: elastic-app-search-javascript
x-swiftype-client-version: 7.8.0
accept: */*
accept-encoding: gzip, deflate
body:
{"query":"cat","page":{"size":0},"filters":{"all":null,"license":null,"dependencies":null,"analytics":null},"facets":null}

HTTP/1.1 200 OK
date: Thu, 27 Sep 2018 21:19:12 GMT
content-type: application/json; charset=utf-8
transfer-encoding: chunked
connection: close
vary: Accept-Encoding, Origin
status: 200 OK
x-frame-options: SAMEORIGIN
x-xss-protection: 1; mode=block
x-content-type-options: nosniff
etag: W/"18ee65079f161780b7d9ce13afee0128"
cache-control: max-age=0, private, must-revalidate
x-request-id: 0dbfcb3f3379f524c0cb5530c9e9bc16
x-runtime: 0.130653
x-swiftype-frontend-datacenter: dal05
x-swiftype-frontend-node: web02.dal05
x-swiftype-edge-datacenter: dal05
x-swiftype-edge-node: web02.dal05

Elastic App Search JavaScript client.

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POST /api/as/v1/engines/node-modules/search.json
authorization: Bearer api-hean6g8dmxnmm2shqiqag757a
content-type: application/json
x-swiftype-client: elastic-app-search-javascript
x-swiftype-client-version: 7.8.0
accept: */*
accept-encoding: gzip, deflate
body:
{"query":"cat","page":{"size":0},"filters":{},"facets":{"license":[{"type":"value","size":3}]},"analytics":{"tags":["Facet-Only"]}}
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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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1.1669 jruby-openssl 0.11.0

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1.1670 classmate 1.0.0
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1.1671 pycrypto 2.6.1
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Last updated: 2009-02-28

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1.1674 pam 1.1.8 3.2ubuntu2.1

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1.1675 debian-archive-keyring 2019.1

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1.1676 kubernetes-apimachinery 0.18.6

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Upstream source http://invisible-island.net/ncurses/ncurses-examples.html

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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1.5.4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/PoolingHttpClientConnectionManagerMetricsBinder.java

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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/Timer.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/internal/TimedScheduledExecutorService.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jetty/InstrumentedQueuedThreadPool.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/internal/logging/WarnThenDebugLogger.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jetty/TimedHandler.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/internal/TimedCallable.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsCommandListener.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jvm/JvmMemory.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/internal/TimedRunnable.java
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jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsConnectionPoolListener.java
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jar/io/micrometer/core/instrument/binder/jetty/SessionPoolMetrics.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsThreadLocalListener.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jetty/JettyServerThreadPoolMetrics.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-
jar/io/micrometer/core/instrument/binder/jetty/JettyConnectionMetrics.java

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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/util/internal/logging/MessageFormatter.java
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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/http/package-info.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/HttpContextUtils.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpClientInterceptor.java
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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/JooqExecuteListener.java
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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/HttpContextUtils.java
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* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/DurationValidator.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/PropertyValidator.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/step/StepTuple2.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/JooqExecuteListener.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/distribution/FixedBoundaryVictoriaMetricsHistogram.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTagsProvider.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmHeapPressureMetrics.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/config/validate/ValidationException.java
* /opt/ws_local/PERMITS_SQL/1089949011_1600184760.1/0/micrometer-core-1-5-4-sources-jar/io/micrometer/core/instrument/binder/db/MetricsDSLContext.java
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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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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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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.

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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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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
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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 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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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without
permission, would make you directly or secondarily liable for
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computer or modifying a private copy. Propagation includes copying,
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To "convey" a work means any kind of propagation that enables other
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An interactive user interface displays "Appropriate Legal Notices"
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extent that warranties are provided), that licensees may convey the
work under this License, and how to view a copy of this License. If
the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.


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.

The "System Libraries" of an executable work include anything, other
than the work as a whole, that (a) is included in the normal form of
packaging a Major Component, but which is not part of that Major
Component, and (b) serves only to enable use of the work with that
Major Component, or to implement a Standard Interface for which an
implementation is available to the public in source code form. A
"Major Component", in this context, means a major essential component
(kernel, window system, and so on) of the specific operating system
(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.

The "Corresponding Source" for a work in object code form means all
the source code needed to generate, install, and (for an executable
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
which are not part of the work. For example, Corresponding Source
includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified
   it, and giving a relevant date.

b) The work must carry prominent notices stating that it is
   released under this License and any conditions added under section
   7. This requirement modifies the requirement in section 4 to
   "keep intact all notices".

c) You must license the entire work, as a whole, under this
   License to anyone who comes into possession of a copy. This
   License will therefore apply, along with any applicable section 7
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A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

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.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

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If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a
network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

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1.1708 debianutils 4.7
1.1708.1 Available under license:

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It is an original Debian package. Programs in it were maintained by Guy Maor <maor@debian.org>, and are now maintained by Clint Adams <schizo@debian.org>.

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#ident"@(#)smail:RELEASE-3_2:COPYING,v 1.2 1996/06/14 18:59:10 woods Exp"

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1.1709 java-cacerts 1.0-r0

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 */

# Automatically generated by apkbuild-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Valery Kartel <valery.kartel@gmail.com>

pkgname=perl-bsd-resource
_PKGREAL=BSD-Resource
pkgver=1.2911
pkgrel=3
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource"
Open Source Used In Cisco Optical Network Planner 4.2.2

source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/$_pkgreal-$pkgver.tar.gz"

builddir="$srcdir/$_pkgreal-$pkgver"

prepare() {
  default_prepare

  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
  PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
  export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
  make
}

check() {
  make test
}

package() {
  make DESTDIR="$pkgdir" install
  find "$pkgdir" \(-name perllocal.pod \-o -name .packlist \) -delete
}

sha512sums="d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16
  dfa5417f663b8065ba65f4eea16dc9262728b3b6b85  BSD-Resource-1.2911.tar.gz"
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

pkgname=py3-flake8-copyright
__pkgname=flake8-copyright
pkgver=0.2.2
pkgrel=1
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/$_pkgname/$_pkgname-$pkgver.tar.gz"
builddir="$srcdir/$_pkgname-$pkgver"
replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility
build() {
    python3 setup.py build
}

package() {
    python3 setup.py install --prefix=/usr --root="$pkgdir"
}

sha512sums="8ade49f386e67d14e4b826946b947454cf2502ff249a9ab1d359f61fa42ebc2b17dd465708894cf82ff153f0be1bed746464220d40d9d4dc1b07940ec280f28 flake8-copyright-0.2.2.tar.gz"
diff --git a/tests/t0501-duplicate.sh b/tests/t0501-duplicate.sh
index 66d321a..0520131 100644
--- a/tests/t0501-duplicate.sh
+++ b/tests/t0501-duplicate.sh
@@ -18,7 +18,11 @@
    . ${srcdir=.}/init.sh; path_prepend_ ../parted .
+    arch=$(uname -m)
    for t in msdos gpt bsd; do
+       if [ "$t" = bsd ] && [ "$arch" = "s390x" ]; then
+           continue
+       fi
        duplicate $t || fail=1
    done
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Charlotte, NC 28269
USA

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see http://www.sqlite.org/copyright.html
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.7
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="x86_64"
options="!check"
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdfnt rdfturtle rdfxml template text"
for type in $_types; do
  subpackages="$subpackages $pkgname-$type:_subpkg"
done

build() {
cd "$builddir"
}

package() {
  mkdir -p "$pkgdir"
}

_subpkg() {
  local type=${subpkgname/$pkgname-/}
pkgdesc="$pkgdesc ($type)"
install_if="$pkgname"
  mkdir -p "$subpkgdir/"usr/share/spdx
  cp -r "$builddir"/$type "$subpkgdir/"usr/share/spdx/
}

list() {
  pkgdesc="$pkgdesc (licence list)"
  mkdir -p "$subpkgdir/"usr/share/spdx
  local i; for i in $builddir/text/*.txt; do
    local license=${i##*/}
    echo $license%.* >> "$subpkgdir/"usr/share/spdx/license.lst
  done
}

sha512sums="24b017bc9b3188710bed1015c1fcd6920e13a44b68c9d6caac1209cb059abbe16d31ae24b7c1714a8273
bf6da1105155b85ba4fbb66f93aa76dc4c10f32b12 license-list-data-3.7.tar.gz"

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Avoid installing headers with mode 700.

--- a/CMake/utility.cmake
+++ b/CMake/utility.cmake
@@ -165,7 +165,7 @@
 getNameOfDir(CMAKE_CURRENT_SOURCE_DIR DIRNAME)
 if (${shouldInstall})
     if (NOT ${FULL_HEADER_PATH} MATCHES ".*_p.h$") # we don't want to install header files which are 
marked as private
         install(FILES ${FULL_HEADER_PATH} DESTINATION "include/${DIRNAME}/${REL_PATH}"
PERMISSIONS OWNER_READ)
     endif()
+    install(FILES ${FULL_HEADER_PATH} DESTINATION "include/${DIRNAME}/${REL_PATH}"
endforach()
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pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/
arch="all"
options="!check"  # No test suite.
license="LGPL-2.0+"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"

builddir="$srcdir/libart_lgpl-$pkgver"

prepare() {
    cd "$builddir"
    update_config_sub
default_prepare
}

build() {
    cd "$builddir"
    ./configure 
    --build=$CBUILD 
    --host=$CHOST 
    --prefix=/usr
    make
}

package() {
    cd "$builddir"
make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b465137654255f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
--- a/main.c
+++ b/main.c
@@ -33,7 +33,7 @@
#include "extern.h"
#define AGREEMENT "https://letsencrypt.org" \
- "documents/LE-SA-v1.1.1-August-1-2016.pdf"
#define SSL_DIR "/etc/ssl/acme"
#define SSL_PRIV_DIR "/etc/ssl/acme/private"
#define ETC_DIR "/etc/acme"
mini_sendmail - accept email on behalf of real sendmail

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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/LoginDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/LoginDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/LoginDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/web/oauth2/LoginDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/WebMvcSecurityConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/web/configuration/WebMvcSecurityConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/web/configurers/saml2/Saml2LoginConfigurer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/Customizer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/method/configuration/Jsr250MetadataSourceConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/web/socket/AbstractSecurityWebSocketMessageBrokerConfigurer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/configuration/ObjectPostProcessorConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/annotation/method/configuration/ReactiveMethodSecurityConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/web/servlet/headers/ContentTypeOptionsDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/web/servlet/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/web/servlet/OAuth2LoginDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/web/servlet/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar.org/springframework/security/config/web/servlet/OAuth2LoginDsl.kt
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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/authentication/configurers/ldap/LdapAuthenticationProviderConfigurer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/ServletApiConfigurer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/builders/WebSecurity.java
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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/configuration/AutowireBeanFactoryObjectPostProcessor.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/authentication/AuthenticationManagerBeanDefinitionParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/FormLoginBeanDefinitionParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/WebSecurityConfigurerAdapter.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/SecurityContextConfigurer.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/EnableWebSecurity.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/authentication/AuthenticationManagerBeanDefinitionParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/FormLoginBeanDefinitionParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/CorsConfigurer.java
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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/rsocket/SecuritySocketAcceptorInterceptorConfiguration.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/rsocket/SecuritySocketAcceptorInterceptorOrder.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/annotation/rsocket/EnableRSocketSecurity.java
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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/HandlerMappingIntrospectorFactoryBean.java

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* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/PortMappingsBeanDefinitionParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/FilterInvocationSecurityMetadataSourceParser.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/package-info.java
* /opt/cola/permits/1139019675_1614372773.07/0/spring-security-config-5-3-2-release-sources-1-jar/org/springframework/security/config/http/HandlerMappingIntrospectorFactoryBean.java

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1.1725 thread-safe 0.3.6-2.ph4

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1.1733 logstash-input-stdin 3.4.0

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1.1736 bluez 5.55-3.1

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If distribution of object code is made by offering access to copy
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source code from the same place satisfies the requirement to
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5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library
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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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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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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
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Any executables containing that work also fall under Section 6,
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changes were used in the work (which must be distributed under
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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
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that the user who changes the contents of definitions files in the
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b) Use a suitable shared library mechanism for linking with the
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Thanks, may your castles never deflate!

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expected "Unexpected end of ZLIB input stream" exception.

- patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.

- unexpected "Unexpected end of ZLIB input stream" exception.

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- Perez Paz Luis Alberto &lt;laperez&#0646banxico.org.mx&gt; - patch to use of BitString in X.500 name.

- James Wright &lt;James_Wright&#064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStream.

- Jim Ford &lt;jim&#0646muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.

- Michael Hausler &lt;haeusler&#064ponton-consulting.de&gt; - extra aliases for provider.

- Sai Pullabhotla &lt;psai&#0646linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.

- Joseph Miller &lt;joseph&#0646digieweb.net.nz&gt; - addition of ZerobytePadding.

- Lars &lt;xyz&#0646sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.

- Jeroen van Vianen &lt;jeroen&#0646vandvianen.nl&gt; - the Signed and Encrypted mail example.

- Jun Sun &lt;JSun&#064diversinet.com&gt; - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.

- Petr Dukem &lt;pdukem&#064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.

- Filipe Silva &lt;filipe.silva&#0646wedoconsulting.com&gt; - patch to fix overead issue in BCPGInputStream.
Alpesh Parmar &lt;alps@064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().

Jay Gengelbach &lt;jgengelbach@064webmethods.com&gt; - patch to fix isSigningKey in PGPPrivateKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.

Doug &lt;doug@064tigerprivacy.com&gt; - public key ring patches for ElGamal Signatures, problem key ring data.

Matthew Mundy &lt;mmundy1@064umbc.edu&gt; - infinite loop prevention patch to PKCSSS2ParametersGenerator.

Tom Cargill &lt;cargill@064proicon.com&gt; - spelling patch in provider.

Breitenstrom Christian &lt;c.Breitenstrom@064t-systems.com&gt; - compatibility patch to SignaturePacket, DetachedSignatureProcessor.

Zanotti Mirko &lt;zanotti@064cad.it&gt; - patch to ordered equality test for X509Name.

Nicola Scendoni &lt;nscendoni@064babelps.it&gt; - patch to add sorting to CertPath validation.

Ville Skyttä &lt;ville.skytta@064iki.fi&gt; - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.

Bruce Gordon &lt;bruce.gordon@064savvis.net&gt; - patch to secret key creation encoding NullPointerExceptio in OpenPGP, speed up for BCPGInputStream.

Miles Whiteley &lt;Miles.Whiteley@064savvis.net&gt; - "223" fix for BCPGInputStream new packets.

Albert Moliner &lt;amoliner@064evintia.com&gt; - initial TSP implementation.

Carlos Lozano &lt;carlos@064evintia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo &lt;javi@064javicodewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.

Joni Hakala &lt;toni.hakala@064cern.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the &lt;a href="http://www.eu-egee.org"&gt;EGEE project</a&gt; for making the work available.

Rolf Schillinger &lt;rolf@064sir-wum.de&gt; - initial implementation of Attribute Certificate generation.

Sergey Bahtin &lt;Sergey_Bahtin@yahoo.com&gt; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

Franck Leroy &lt;Franck.Leroy@064keynectis.com&gt; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.

Atsuhiko Yamakawa &lt;ymnk@064jicraft.com&gt; - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.

Nickolay Bolshakov &lt;tyrex@064reksoft.ru&gt; - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer &lt;soren.hilmer@064tietoenator.com&gt; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell &lt;mitchell@064intertrust.com&gt; - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP. Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner &lt;D.Eisner@seeburger.de&gt; - initial implementation of ISO 78164-4 padding.

Julien Pasquier &lt;julienpasquier@064free.fr&gt; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo &lt;matartuso@064libero.it&gt; - sequence patch to ASN1Dump.

Andrew Paterson &lt;andrew.paterson@064burnsec.com&gt; - patches to PGP tools, isRevoked method on
Open Source Used In Cisco Optical Network Planner 4.2.2

PGPPublicKey.</li>
<li>Vladimir Molotkov &lt;vladimir.n.molotkov@064intel.com&gt;: extensive provider exception handling compliance testing.</li>
<li>Florin Kollan &lt;adlocflo@064web.de&gt;: fix to ElGamalKeyParameters equality testing.</li>
<li>Pavel Vassiliev &lt;paulvas@064gmail.com&gt;: Initial GOST28147Mac implementation.</li>
<li>Tom Pesman &lt;tom@064tmux.net&gt;: addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.</li>
<li>Lukasz Kowalczyk &lt;lukasz.b.kowalczyk@064gmail.com&gt;: patch to fix parsing issue with OpenSSL PEM based certificate requests.</li>
<li>Arndt Hasch &lt;Arndt.Hasch@064maxence.de&gt;: additional fix for partial reading with new style PGP packets.</li>
<li>Fix Bernd (KCDP 11) &lt;bernd.fix@credit-suisse.com&gt;: fix for 31 byte issue and exception throwing by Whisperpool.</li>
<li>David M. Lee &lt;dmlee@064crossroads.com&gt;: code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.</li>
<li>Mike Dillon &lt;md5@064embody.org&gt;: additional checks for PGP secret and public key construction, patches to copyWithNewPassword.</li>
<li>tu-vi cung &lt;t2cung@hotmail.com&gt;: patch for out of bounds problem in getDecoderStream method.</li>
<li>Chris Schultz &lt;cschultz@064gmail.com&gt;: fix for InputStream constructor for X509V2AttributeCertificate.</li>
<li>David M. Lee &lt;dmlee@064crossroads.com&gt;: implementation assistance with streaming CMS classes.</li>
<li>Joel Rees &lt;rees@064ddcom.co.jp&gt;: fix to correct getOID methods from returning same set on X.509 attribute certificates.</li>
<li>Francesc Sau &lt;francesc.sau@064partners.netfocus.es&gt;: micro fix for tsp Accuracy class.</li>
<li>Larry Bugbee &lt;lbugbee@064mac.com&gt;: initial ECNR implementation.</li>
<li>Remi Blancher &lt;Remi.Blancher@064keynectis.com&gt;: Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.</li>
<li>Brian O'Rourke &lt;bianorourke@064gmail.com&gt;: patch for signature creation time override in OpenPGP.</li>
<li>Andreas Schwier &lt;andreas.schwier@064cardcontact.de&gt;: initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.</li>
<li>David Josse &lt;david.josse@transacttools.net&gt;: Patch for trailer function in version 2 signature packets.</li>
<li>Kishimoto Kazuhiko &lt;kazu-k@064hi-ho.ne.jp&gt;: RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.</li>
<li>Lawrence Tan &lt;lwrmctan@064gmail.com&gt;: Large field OID sample test data. Missing key types in JDKKeyFactory.</li>
<li>Carlos Valiente &lt;superdupont@064gmail.com&gt;: Addition of CRL writing to the PEMWriter class.</li>
<li>Keyon AG, Martin Christinat, &lt;a href="http://www.keyon.ch"&gt;http://www.keyon.ch&lt;/a&gt;: fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.</li>
<li>Olaf Keller, &lt;olaf.keller.bc@064bluewin.ch&gt;: initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.</li>
<li>J&ouml;rg Eichhorn &lt;eichhorn@064ponton-consulting.de&gt;: patch to fix EOF read on
SharedFileStream, support for F2m compression.</li>
<li>Karsten Ohme &lt;widerstand@064t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings.
CertPath support for implicitDSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.</li>
<li>Carlos Lozano Ruiz &lt;Carlos@tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.</li>
<li>John Alfred Prufrock &lt;j.a.prufrock@064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.</li>
<li>Stefan Neusatz Guilhen &lt;st.neusatz@064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.</li>
<li>Marzio Lo Giudice &lt;marzio.logiudice@064gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.</li>
<li>Georg Lippold &lt;georg.lippold@064gmx.de&gt; - initial implementation of NaccacheStern cipher.</li>
<li>Chris Viles &lt;chris_viles@yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.</li>
<li>Pasi Eronen &lt;pasi.eronen@064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.</li>
<li>Maria Ivanova &lt;maria.ivanova@064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.</li>
<li>Armin H&auml;berling &lt;arminha@student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.</li>
<li>Marius Schilder &lt;mschilder@google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.</li>
<li>Xavier Le Vourch &lt;xavier@064brittanysoftware.com&gt; - general code clean ups.</li>
<li>Erik Tews &lt;e_tews@064cde.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding.</li>
<li>Thomas Dixon &lt;reikomusha@064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.</li>
<li>Frank Cornelis &lt;info@064frankcornelis.be&gt; - addition of crlAccessMethod in X509ObjectIdentifiers.</li>
<li>Rui Joaquim &lt;ruijaoaquim@064cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures.</li>
<li>David Stacey &lt;DStacey@064allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.</li>
<li>Martijn Brinkers &lt;list@064mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.</li>
<li>Julius Davies &lt;Juliusdavies@064gmail.com&gt; - additional modes and algorithm support in
PEMReader</li>
<li>Matthias &lt;g@#064rtnr.de&gt; - GnuPG compatibility changes for PBEFileProcessor.</li>
<li>Olga K&amp;auml;hler &lt;olga.kaethler@#064hjp-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.</li>
<li>Germano Rizzo &lt;germano.rizzo@#064gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.</li>
<li>N&amp;uuml;acut;e Mar&amp;iacute;e; &lt;nnumaa@#064hotmail.com&gt; - patch for alternate data type recognition in CMSSignedDataParser.</li>
<li>Janis Schuller &lt;js@#064zti.de&gt; - addition of NotationData packets for OpenPGP.</li>
<li>Mike Samblanet &lt;Mike@#064samblanet.com&gt; - patches towards improved Sun/default provider support in CMS.</li>
<li>Mike StJohns &lt;MStjohns@#064comcast.net&gt; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.</li>
<li>Ramon Keller &lt;ramon.keller@#064gmx.ch&gt; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.</li>
<li>Mark Nelson &lt;M@#064nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX processing.</li>
<li>Eugene Golushkov &lt;eugene_gff@#064ukr.net&gt; - mask fix to single byte read in TlsInputStream.</li>
<li>Julienn Pasquier &lt;julienpasquier@#064free.fr&gt; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.</li>
<li>Peter Knopp &lt;Pkm@#064ntg.de&gt; - fix for named curve recognition in ECGOST key generation.</li>
<li>Jakub Gwozd &lt;jgwozdiu@#064rpg.pl&gt; - addition of getTsa() to TimeStampTokenInfo.</li>
<li>Bartosz Malkowski &lt;Bmalkow@#064tigase.org&gt; - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.</li>
<li>Tal Yacobi &lt;tal.yacobi@#064octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55].</li>
<li>Massimiliano Ziccardi &lt;Massimiliano.Ziccardi@#064gmail.com&gt; - support for counter signature reading in CMS API, update for multiple counter signature attributes.</li>
<li>Andrey Pavlenko &lt;Andrey.a.pavlenko@#064gmail.com&gt; - security manager patch for PKCS1Encoding property check.</li>
<li>J Ross Nicoll &lt;jrn@#064jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1 library.</li>
<li>Matthew Stevenson &lt;mavrickznz@#064yahoo.com&gt; - patch to constructor for CRMF CertSequence.</li>
<li>Gabriele Contini &lt;GContini@#064hotpop.com&gt; - identified a bug in ASN.1 library with handling of unterminated NDEFs.</li>
<li>Roelof Naude &lt;roelof.naude@#064epiu.se.com&gt; - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.</li>
<li>Patrick Peck &lt;peck@#064signature.en.at&gt; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.</li>
<li>Michael LeMay &lt;lemaymd@#064lemaymd.com&gt; - identified problem with EAX [#BJA-93].</li>
<li>Alex Dupre &lt;Aale@#064FreeBSD.org&gt; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificateRequest [#BJA-102].</li>
<li>Michael Schoene &lt;michael@#064sigrid-und-michael.de&gt; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().</li>
<li>Ion Larra&amp;ntilde;aga &lt;Ilarra@#064s21sec.com&gt; - fix to default partial packet generation in BCPGOutputStream.</li>
<li>Stefan Meyer &lt;stefan.meyer@ewe.de&gt; backport for PKIXCertPathValidator and SMIMESignedMailReviewer.</li>
<li>Robert J. Moore &lt;Robert.J.Moore@allanbank.com&gt; speedups for OpenPGPCFB mode, clean room JCE patches.</li>
<li>Rui Hodai &lt;rui@064po.ntts.co.jp&gt; speed ups for Camellia implementation, CamelliaLightEngine.</li>
<li>Emir Bucalovic &lt;emir.bucalovic@064mail.com&gt; initial implementation of Grain-v1 and Grain-128.</li>
<li>Torbjorn Svensson &lt;torbe79@064mail.com&gt; initial implementation of Grain-v1 and Grain-128.</li>
<li>Paul FitzPatrick &lt;bouncycaslte_fitz@064fitzpatrick.cc&gt; error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.</li>
<li>Henrik Andersson &lt;k.henrik.andersson@064gmail.com&gt; addition of UniqueIssuerID to certificate generation.</li>
<li>Cagdas Cirit &lt;cagdascirit@064gmail.com&gt; subjectAlternativeName fix for x509CertStoreSelector.</li>
<li>Harakiri &lt;harakiri_23@064yahoo.com&gt; datahandler patch for attached parts in SMIME signatures.</li>
<li>Emir Bucalovic &lt;emir.bucalovic@064mail.com&gt; explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.</li>
<li>Lothar Kimmeringer &lt;job@064kimmeringer.de&gt; verbose mode for ASN1Dump, support for DERExternal.</li>
<li>Richard Farr &lt;rfarr.se@064gmail.com&gt; initial SRP-6a implementation.</li>
<li>Thomas Castiglione &lt;castiglione@064au.ibm.com&gt; patch to encoding for CRMF OptionalValidity.</li>
<li>Elisabetta Romani &lt;eromani@064sogei.it&gt; patch for recognising multiple counter signatures.</li>
<li>Robin Lundgren &lt;r737lundgren@064gmail.com&gt; CMPCertificate constructor from X509CertificateStructure fix.</li>
<li>Petr Kadlec &lt;mormegil@064centrum.cz&gt; fix to sign extension key and IV problem in HC-128, HC-256.</li>
<li>Andreas Antener &lt;antener_a@064gmx.ch&gt; fix to buffer reset in AsymmetricBufferedBlockCipher.</li>
<li>Harendra Rawat &lt;hsrawat@064yahoo.com&gt; fix for BERConstructedOctetString.</li>
<li>Rolf Lindemann &lt;lindemann@064trustcenter.de&gt; patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].</li>
<li>Mike Lyons &lt;mlyons@064layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.</li>
<li>Chris Cole &lt;chris_h_cole@064yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.</li>
<li>Tomas Krivanekek &lt;tom@064atack.cz&gt; added checking of Sender header to SignedMailValidator.</li>
<li>Michael &lt;emfau@064t-online.de&gt; correction of field error in getResponse method in CertRepMessage.</li>
<li>Trevor Perrin &lt;trevor@064cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.</li>
<li>Markus Kil&lt;&lt;markus@064primekey.se&gt;&gt; several enhancements to TimeStampResponseGenerator.</li>
<li>Dario Novakovic &lt;daronis@064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.</li>
<li>Michael Smith &lt;msmith@064chnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.</li>
<li>Andrea Zilio &lt;andrea.zilio@064gmail.com&gt; fix for PEM password encryption of private keys.</li>
<li>Alex Birkett &lt;alex@064birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BIA-291].</li>
<li>Wayne Grant &lt;waynedgrant@064gmail.com&gt; additional OIDs for PCKS10 and certificate generation.
support.</li>
<li>Frank Cornelis &lt;info&#064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Dittberner &lt;jan#064dittberner.info&gt; addHeader patch for SMIME generator.</li>
<li>Bob McGowan &lt;boab.mcgoou&#064btinternet.com&gt; patch to support different object and mgf digests in PSS signing.</li>
<li>Ivo Matheis &lt;i.matheis&#064seeburger.de&gt; fix to padding verification in ISO-9796-1.</li>
<li>Marco Sandrini &lt;tnessche&#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf &lt;талфилмалф#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
<li>Frank Cornelis &lt;info&#064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Dittberner &lt;jan#064dittberner.info&gt; addHeader patch for SMIME generator.</li>
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<li>Alf Malf &lt;талфилмалф#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
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<li>Jan Dittberner &lt;jan#064dittberner.info&gt; addHeader patch for SMIME generator.</li>
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<li>Marco Sandrini &lt;tnessche#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf &lt;talfilmal#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
<li>Frank Cornelis &lt;info#064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.</li>
<li>Jan Dittberner &lt;jan#064dittberner.info&gt; addHeader patch for SMIME generator.</li>
<li>Bob McGowan &lt;boab.mcgoou#064btinternet.com&gt; patch to support different object and mgf digests in PSS signing.</li>
<li>Ivo Matheis &lt;i.matheis#064seeburger.de&gt; fix to padding verification in ISO-9796-1.</li>
<li>Marco Sandrini &lt;tnessche#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.</li>
<li>Alf Malf &lt;talfilmal#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.</li>
classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1
SecretKeyFactory. </li>
<li>Samuel Lid&eacute;n Borell &lt;samuel&#064primekey.se&gt; patch to add DSTU-4145 to
DefaultSignatureAlgorithmFinder</li>
<li>Sergio Demian Lerner &lt;sergiolerner&#064certimix.com&gt; pointing out isInfinity issue in ECDSASigner
signature verification. </li>
<li>Tim Whittington &lt;Tim.Whittington&#064orionhealth.com&gt; patch to remove extra init call in CMac,
aditional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for
IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha,
reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to
Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD
cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes,
cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on
EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code
quality work. </li>
<li>Marcus Lundblad &lt;marcus.lundblad&#064primekey.se&gt; patch for working around JDK jarsigner TSP
bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time
stamp token generation. </li>
<li>Andrey Zhozhin &lt;zhozhin&#064xrm.ru&gt; patch for override of TSP SignerInfo attributes. </li>
<li>Sergey Tiunov &lt;t5555d&#064gmail.com&gt; initial cut of DVCS classes. </li>
<li>Damian Kolasa &lt;fatfredy#&#064gmail.com&gt; ASIN1Sequence patch for class cast issue in X9Curve. </li>
<li>Eric M&uuml;ller &lt;eric.mueller#&amp;#064sage.de&gt; additional standard algorithm name lookups in
JcaPEMKeyConverter. </li>
<li>Mathias Herberts &lt;Mathias.Herberts#&amp;#064gmail.com&gt; fix to inOff usage in RFC3394WrapEngine. </li>
<li>Daniele Grasso &lt;daniele.grasso86#&amp;#064gmail.com&gt; contributions to final Key calculation code for
SRP6. </li>
<li>Andrey Utkin &lt;cindrhc#&amp;#064gmail.com&gt; patch to reconstruction of ECGOST keys from PrivateKeyInfo
objects in provider classes. </li>
<li>AxelVDB &lt;axel-vdb#&amp;#064riseup.net&gt; initial implementation of Shacal2. </li>
<li>Andreas Tartu &lt;arnis#&amp;#064ut.ee&gt; checker for generated key vs OID in
JceCMSContentEncryptorBuilder. </li>
<li>Waldemar Dick &lt;wdick#&amp;#064devmue.de&gt; code improvement in x500 ASN.1 package. </li>
<li>Arnis Tartu &lt;arnis#&amp;#064ut.ee&gt; further work on completing gradle build. </li>
<li>Sid Steward &lt;sid.steward#&amp;#064pdflabs.com&gt; code improvements to ASN1Boolean. </li>
<li>Alex Klyubin &lt;klyubin#&amp;#064google.com&gt; AlgorithmParameters check for EC key agreement.
Jonathan Gillett &lt;gsoc.student&#064;gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix. 

Andreas Reiter &lt;andreas.reiter&#064;iaik.tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix. 

Kieran Miller &lt;kieran.miller&#064;gmail.com&gt; initial implementation for RFC 5649 key wrap with padding. 

Oliver Ehli &lt;ehli&#064;arago.de&gt; Additional support for BSI plain ECDSA in the provider. 

Daniel Heldt &lt;Daniel.Heldt&#064;cryptovision.com&gt; Initial support for encodable state message digests. 

Robert Bushman &lt;bouncycastle&#064;traxel.com&gt; Clean up of DirectKeySignature example. 

Maurice Aarts &lt;arts&#064;risecure.com&gt; updated to KDF generator to follow NIST SP 800-108. 

Franziskus Kiefer &lt;https://github.com/franziskuskiefer&gt; initial implementation of Cramer-Shoup. 

KB Sriram &lt;mail_kb&#064;yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets. 

Marco Schulze &lt;marco&#064;nightlabs.de&gt; Reported verification bug in GenericSigner. 

Martin Schaefer &lt;https://github.com/martinschaefer&gt; contributed a code-cleanup patch. 

dstutz &lt;https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders. 

Tobias Wich &lt;tobias.wich&#064;ecsec.de&gt; Provided patch for TLS to work around servers sending Supported Elliptic Curve extensions unexpectedly. 

Hauke Mehrtens &lt;hauke&#064;hauke-m.de&gt; TLS patch to add ECDHE-ECDSA CCM ciphersuites from RFC 7251. 

Daniel Zimmerman &lt;dmz&#064;galois.com&gt; Further key quality improvements to RSAKeyPairGenerator. 

Jens Kapitza &lt;jl.kapitza&#064;schwarze-allianz.de&gt; Iterable support in OpenPGP API, code cleanup in OpenPGP API. 

Johan Eklund &lt;johan&#064;primekey.se&gt; update to RFC 6960 for OCSPObjectIdentifiers. 

nikosn &lt;https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length. 

Axel von dem Bruch &lt;axel-vdb&#064;riseup.net&gt; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest. 

Derek Atkins &lt;derek&#064;ihtfp.com&gt; Documentation fixes to X9ObjectIdentifiers. 

Peter Jr Halicky &lt;peto&#064;halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator. 

lartiguePierre &lt;https://github.com/lartiguePierre&gt; Fix for counter signature SID in CMSSignedData. 

Thomas Belot &lt;thomas.belot+BC&#064;gmail.com&gt; Initial CertPathLoopTest for demonstrating stack overflow issue. 

Rich DiCroce &lt;https://github.com/rdicroce&gt; Initial implementation of server-side TLS-SRP support, TLS API extension to support non-blocking usage. 

Björn Kautler &lt;https://github.com/Vampire&gt; Refinements to cert path validation (authority key addition, certificate order preservation). 

Dominik Schumann &lt;https://github.com/dschuermann&gt; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output. 

Michael &lt;MSKnete&#064;064web.de&gt; Initial fix for bitStrength issue for OpenPGP EC keys. 

Tobias Wagner &lt;tobias.wagner&#064;064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536]. 

Sergio Giro &lt;sgiro&#064;google.com&gt; Fixed adding of additional stores from CRL distribution point
Fixed missing null check for CRL certificate issuer [#BJA-537], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.<li>
bschuette &lt;https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.</li>
Leonard Dallot &lt;https://github.com/dallotTazTag&gt; Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>
Jan Willem Janssen &lt;j.w.janssen+bouncycastle@064lxxtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.</li>
Sebastian Oerding &lt;sebastian.oerding@robotron.de&gt; Fixes to toString() in x509.CertificatePolicies.</li>
Kai Kramer &lt;k.kramer@064gmail.com&gt; Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.</li>
Benoit Charles &lt;benoit.charles@opentrust.com&gt; Fix for IES data length check on decryption.</li>
Niko &lt;nfink95@064gmail.com&gt; fit to cast issue in getOutputSize() for ECIES.</li>
akwizgran &lt;https://github.com/akwizgran&gt; Fixed clone of key in Blake2bDigest copy constructor, blake2b reset issue for variant keys.</li>
Matthias Edelhoff &lt;Matthias.Edelhoff@064cryptovision.com&gt; BasicConstraintsValidation pathlen fix in PKIX certh path classes.</li>
Lukasz Deputat &lt;lkasz.deputat@064gmail.com&gt; Fixed bugs in TlsUtils read methods [#BJA-592].</li>
Justin Ludwig &lt;https://github.com/justinludwig&gt; Iterator fix for PGQObjectFactory to handle stream packets at start of iterated data.</li>
Andr&eacute;eacute; Berenguël &lt;https://github.com/aberenguel&gt; Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.</li>
Slawomir Jaranowski &lt;https://github.com/slawekjaranowski&gt; Patch to make cipher/hash/signature name methods in PGP internal API public.</li>
Andrey Vasilyev &lt;https://github.com/andreyvasilyev&gt; Initial implementation of GOST R 34.11-2012.</li>
William Glanton &lt;wglanton77@064gmail.com&gt; Fixed bug in Poly1305 [#BJA-620].</li>
jdvorak001 &lt;https://github.com/jdvorak001&gt; Speed improvements for ASN.1 ObjectIdentifier cache.</li>
Joseph Naegle &lt;naegle@064grierforensics.com&gt; Patch for handling multiple certificates in a DANE SMIMEA entry.</li>
Andrew Bonventre &lt;https://github.com/andybons&gt; NullPointer patch for WNafUtil.</li>
The Google Security Team (Project Wycheproof) &lt;https://github.com/google/wycheproof&gt; defect analysis and additional test cases for the provider.</li>
Gorka Irazoqui &lt;girazoki@wpi.edu&gt; from Intel Security Center of Excellence &lt;https://security-center.intel.com/&gt; detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.</li>
Joerg Senekowitsch &lt;joerg.senekowitsch@064veridos.com&gt; patch to deal with hard coded boolean in EAC ECDSAPublicKeys.</li>
Alexandr Krivoshta &lt;wipe@064ya.ru&gt; N4 calculation fix to GOBF mode.</li>
Artem Storozhuk &lt;storozh72@064gmail.com&gt; N4 calculation fix to GOBF mode.</li>
Na Yu &lt;na.yu@064samsung.com&gt; Constructor patches to CMC PKIData.</li>
Evangelos Karatsiolis &lt;ekaratsiolis@064mtg.de&gt; Corrected use of explicit tagging in X.509 PolicyConstraints class.</li>
VivleSoren &lt;https://github.com/VivleSoren&gt; additional constructor for McElieceCCA2PrivateKeyParameters.</li>
mtausig &lt;https://github.com/mtausig&gt; JavaDoc fix for MCSUncryptedDataGenerator.</li>
Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@student.tu-darmstadt.de&gt; Initial XMSS/XMSS-MT implementation.

didisoft &lt;https://github.com/didisoft&gt; test code for PGP signature removal involving user ids.

Mike Safonov &lt;https://github.com/MikeSafonov&gt; initial implementation of GOST3410-2012 for lightweight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.

Artem Storozhuk &lt;storojs72@gmail.com&gt; initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.

Andreas Glaser &lt;andreas.glaser@064gi-de.com&gt; patch to recognise ANSSI curves for PKCS#10 requests.

codeborne &lt;https://github.com/cbxp&gt; patch to correct OIDs used in public key digest parameters for ECGOST-2012.

FauxFaux &lt;https://github.com/FauxFaux&gt; patch for JDK 1.9 update to DRBG.java.

4garbage &lt;https://github.com/4garbage&gt; patch to allow GOST3410-94 private keys encoded as integers.

ekszz &lt;https://github.com/ekszz&gt; corrections to SM2 signer to include default identity value.

jminer &lt;https://github.com/jminer&gt; fix to Blake2b for hashes in range of 2**64-127 to 2**64.

str4d &lt;https://github.com/str4d&gt; initial implementation of Blake2s.

Scott Woodward &lt;scott@064bit3consulting.com&gt; performance fixes for CTRSP800DRBG.

David Strawn &lt;https://github.com/isomarcte&gt; fix for off by one error in SCRYPT bounds checking.

chris mccown &lt;0xchrismccown@gmail.com&gt; identification of serialisation issue with XMSS/XMSS-MT private keys (see also CVE-2018-1000613).

ZZMarquis &lt;https://github.com/ZZMarquis&gt; offset patch for SM2 decrypt.

Andreas Kretschmer &lt;https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion().

Armin Lunkeit, Michael Tautenhahn &lt;&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.

Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.

Adam Vartanian &lt;https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().

Bernd &lt;https://github.com/ekci&gt; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.

Shartung &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.

Paul Schaub &lt;https://github.com/vanitasvitae&gt; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.

Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.

catbref &lt;https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).

gerlion &lt;https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.

fgrieu &lt;fgrieu@gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.

MTG &lt;https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyIdPair.

Andreas Gadermaier &lt;up.gadermaier@gmail.com&gt; initial version of Argon2 PBKDF algorithm.

Tony Washer &lt;tony.washer@yahoo.co.uk&gt; review of qTesla, Java 1.9 module code.
Vincent Bouckaert &lt;https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.

Tony Washer &lt;https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode.


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1.1744 Izo 2.10-2

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Manifest-Version: 1.0
Bundle-SymbolicName: com.rabbitmq.client
Built-By: root
Bnd-LastModified: 1586866456034
Specification-Title: AMQP
Bundle-DocURL: https://www.rabbitmq.com
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Bundle-Name: RabbitMQ Java Client
Bundle-Description: The RabbitMQ Java client library allows Java applications to interface with RabbitMQ.
Implementation-Title: RabbitMQ Java Client
Automatic-Module-Name: com.rabbitmq.client
Implementation-Version: 5.9.0
Bundle-ManifestVersion: 2
Specification-Vendor: AMQP Working Group (www.amqp.org)
Bundle-Vendor: VMware, Inc. or its affiliates.
Tool: Bnd-3.2.0.201605172007
Implementation-Vendor: VMware, Inc. or its affiliates.
Bundle-Version: 5.9.0
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1.1763 e2fsprogs 1.42.9-19.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
$(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) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \
@-$(LDCONFIG)

install-strip: install

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)
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:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>
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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
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Theodore Ts'o
23-June-2007

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That's all there is to it!
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:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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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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Gadi Oxman, August 1995

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Found in path(s):
* /opt/cola/permits/1157317283_1619537052.51/0/zip4j-1-3-2-sources-2-jar/net/lingala/zip4j/core/HeaderWriter.java
* /opt/cola/permits/1157317283_1619537052.51/0/zip4j-1-3-2-sources-2-jar/net/lingala/zip4j/exception/ZipExceptionConstants.java
* /opt/cola/permits/1157317283_1619537052.51/0/zip4j-1-3-2-sources-2-jar/net/lingala/zip4j/util/Raw.java
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1.1774 libcap-ng 0.7.9-2.2+b1

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Theodore Ts'o
23-June-2007

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1.1778 cmath 1.0.0

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1.1779 netty-resolver 4.1.35.Final

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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/NameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/AddressResolverGroup.java
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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/package-info.java

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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/AddressResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/InetNameResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/AbstractAddressResolver.java
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* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/ws_local/PERMITS_SQL/1075319228_1596107136.89/0/netty-resolver-4-1-35-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/xml/XmlFrameDecoder.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.
*
* 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>

* 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>

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

\texttt{lengthFieldOffset} = 0
\texttt{lengthFieldLength} = 2
\texttt{lengthAdjustment} = -2 (= the length of the Length field)
\texttt{initialBytesToStrip} = 0

\texttt{BEFORE DECODE (14 bytes) \hspace{2cm} AFTER DECODE (14 bytes)}
\texttt{+--------+----------------+ \hspace{2cm} +--------+----------------+}
\texttt{| Length | Actual Content | \hspace{2cm} | Length | Actual Content |}
\texttt{| 0x000E | "HELLO, WORLD" | \hspace{2cm} | 0x000E | "HELLO, WORLD" |}
\texttt{+--------+----------------+ \hspace{2cm} +--------+----------------+}

\texttt{BEFORE DECODE (17 bytes) \hspace{2cm} AFTER DECODE (17 bytes)}
\texttt{+------------------------------+ \hspace{2cm} +------------------------------+}
\texttt{| Header 1 | Length | Actual Content | \hspace{2cm} | Header 1 | Length | Actual Content |}
\texttt{| 0xCAFE | 0x00000C | "HELLO, WORLD" | \hspace{2cm} | 0xCAFE | 0x00000C | "HELLO, WORLD" |}
\texttt{+------------------------------+ \hspace{2cm} +------------------------------+}

\texttt{BEFORE DECODE (17 bytes) \hspace{2cm} AFTER DECODE (17 bytes)}
\texttt{+------------------------------+ \hspace{2cm} +------------------------------+}
\texttt{| Header 1 | Length | Actual Content | \hspace{2cm} | Header 1 | Length | Actual Content |}
\texttt{| 0xCAFE | 0x00000C | "HELLO, WORLD" | \hspace{2cm} | 0xCAFE | 0x00000C | "HELLO, WORLD" |}
\texttt{+------------------------------+ \hspace{2cm} +------------------------------+}
* 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>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 |
* | 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 <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/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* Enumeration of supported Base64 dialects.
* *
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1.1789 gzip 1.9 3

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<signature of Ty Coon>, 1 April 1989
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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
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A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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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
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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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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
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  with the Library, with the complete machine-readable `work that
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  user can modify the Library and then relink to produce a modified
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- Use a suitable shared library mechanism for linking with the Library. A
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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 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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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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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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"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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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
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 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.)

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* /opt/cola/permits/1135887329_1613625711.87/0/mongodb-driver-core-4-0-5-sources-1-

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 */

/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 * <p>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.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */
* details of the meaning of this signature.

*<p>*

* This method behaves slightly different than the interface specification,
* with respect to non-blocking responses, see \{@link #write(ByteBuffer)\}
* for more details.

*<p>*

* @param srcs The buffers from which bytesProduced are to be retrieved
* @param offset The offset within the buffer array of the first buffer from
* which bytesProduced are to be retrieved; must be non-negative and no
* larger than <tt>srcs.length</tt>
* @param length The maximum number of buffers to be accessed; must be
* non-negative and no larger than <tt>srcs.length</tt>
* &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&n...
* [ @link ByteChannel], this method never returns 0, but throws
* [ @link WouldBlockException]
* @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
* <tt>length</tt> parameters do not hold
* @throws WouldBlockException if the channel is in non-blocking mode and the IO operation
* cannot be completed immediately
* @throws NeedsTaskException if the channel is not configured to run tasks automatically
* and a task needs to be executed to complete the operation
* @throws SSLEngineException if the [ @link SSLEngine] throws a SSLEnException
* @throws IOException if the underlying channel throws an IOException
*/

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* /opt/cola/permits/1135887329_1613625711.87/0/mongodb-driver-core-4-0-5-sources-1-
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  jar/com/mongodb/assertions/Assertions.java

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 SNMP4J - MessageException.java

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 SNMP4J - DefaultThreadFactory.java

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SNMP4J - VariableTextFormat.java

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1.1808 apache-log4j 2.11.1

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1.1809 typetools 0.5.0

1.1810 jetty-util 9.4.19.v20190610

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* javax.servlet:javax.servlet-api
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* 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
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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
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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.1811 binutils 2.27 34.base.el7

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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.

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.

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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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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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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.

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
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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@appendixsubsec Preamble

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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.

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 \textit{Lesser} General Public License because it does not protect the user's freedom than the ordinary General Public License. It also provides other free software developers a 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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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.

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That's all there is to it!

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.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

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 m68[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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jar/org/springframework/kafka/support/serializer/JsonDeserializer.java
* /opt/cola/permits/1218435567_1634932202.77/0/spring-kafka-2-5-0-release-sources-
jar/org/springframework/kafka/core/KafkaOperations.java
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jar/com/amazonaws/jmespath/InvalidTypeException.java
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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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@mtiame.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(agle@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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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
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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.)

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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.

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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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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.

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4. You may copy and distribute the Library (or a portion or
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it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
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1.1832 plexus-utils 3.2.0
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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
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

Apache

The following artifacts are ASL2 licensed.

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

MortBay
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
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

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1.1834 kerberos 1.13.2+dfsg 5ubuntu2.1

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  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
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lib/libgss/g_seal.c
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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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- \texttt{lib/gssapi/gssapi_err_generic.c}
- \texttt{lib/gssapi/mechglue/g_accept_sec_context.c}
- \texttt{lib/gssapi/mechglue/g_acquire_cred.c}
- \texttt{lib/gssapi/mechglue/g_canon_name.c}
- \texttt{lib/gssapi/mechglue/g_compare_name.c}
- \texttt{lib/gssapi/mechglue/g_context_time.c}
- \texttt{lib/gssapi/mechglue/g_delete_sec_context.c}
- \texttt{lib/gssapi/mechglue/g_dsp_name.c}
- \texttt{lib/gssapi/mechglue/g_dsp_status.c}
- \texttt{lib/gssapi/mechglue/g_dup_name.c}
- \texttt{lib/gssapi/mechglue/g_exp_sec_context.c}
- \texttt{lib/gssapi/mechglue/g_export_name.c}
- \texttt{lib/gssapi/mechglue/g_glue.c}
- \texttt{lib/gssapi/mechglue/g_imp_name.c}
- \texttt{lib/gssapi/mechglue/g_imp_name.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_log.h
lib/krb5/error_tables.h
lib/krb5/kdb5_err.et
lib/krb5/kprop.c
lib/krb5/kpropd_rpc.c
```

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.. parsed-literal::

    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
and the initial implementation of incremental propagation, including
the following new or changed files:

.. parsed-literal::

   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
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lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.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
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kprop/kpropd_rpc.c
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import os
import sys
import re

def warn(fname, ln, msg):

print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment # is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
    # DB2 licenses start with '/*-:' and we don’t want to change them.
    if line != '' and line != '-':
        text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* ([^ \]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Scan for license statements.
    in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'\S*\S+\S*\S+\S*\S+\S+', '', line)
        line = line.strip()
if not in_comment and '/*' in line:
    (line, sep, comment_part) = line.partition('/*')
    comment = [comment_part.strip()]
    comment_starts_at = ln
    in_comment = True
elif in_comment and '*/' not in line:
    comment.append(line.lstrip(' ').lstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition('*/')
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at, code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
elif line.strip() != '':
    code_seen = True
    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
.. _mitK5license:

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

.. toctree::
   :hidden:

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.. include:: notice.rst

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1.1836 analysis-common 7.2.0

1.1837 rexml 3.2.5

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1.1840 libxcrypt 4.4.18-5

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* javax.annotation:javax.annotation-api
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* java.sun.security.ssl

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

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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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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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 * /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/internal/Route53IdRequestHandler.java
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jar/com/amazonaws/services/route53/model/TooManyTrafficPolicyInstancesException.java
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/HealthCheckType.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/ListVPCAssociationAuthorizationsRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/UpdateDomainNameserversResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/GetQueryLoggingConfigRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/GetAccountLimitResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/LinkedServiceStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ListTrafficPolicyInstancesRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/NoSuchDelegationSetSetException.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ListTagsForResourcesResultStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/model/transform/ViewBillingRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/NoSuchHealthCheckExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ListResourceRecordSetsRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/CreateHealthCheckRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/GetHostedZoneLimitResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/BillingRecordJsonUnmarshaller.java
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
jar/com/amazonaws/services/route53/model/CreateReusableDelegationSetRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
jar/com/amazonaws/services/route53/model/InvalidDomainNameException.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
jar/com/amazonaws/services/route53/model/OperationStatus.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
jar/com/amazonaws/services/route53/model/transform/DelegationSetAlreadyReusableExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-
jar/com/amazonaws/services/route53/model/transform/VPCAssociationAuthorizationNotFoundExceptionUnmarshaller.java
jar/com/amazonaws/services/route53/model/transform/DeleteHealthCheckResultStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/InvalidInputException.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/TooManyHealthChecksExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/InvalidInputExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/GetReusableDelegationSetRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/InvalidVPCIdExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/NoSuchDelegationSetExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/GetCheckerIpRangesRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/ListGeoLocationsRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/ListTrafficPolicyInstancesByHostedZoneResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/TestDNSAnswerResultStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/ChangeInfo.java
* /opt/ cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/HostedZoneNotPrivateExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/GetDomainDetailRequestProtocolMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/ChangeTagsForResourceRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/ChangeTagsForResourceRequestMarshaller.java
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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/GetHealthCheckLastFailureReasonRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/AbstractAmazonRoute53Async.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53domains/model/transform/UpdateTagsForDomainResultJsonUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/GetGeoLocationRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/GetChangeResultStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/NoSuchTrafficPolicyInstanceExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1-jar/com/amazonaws/services/route53/model/transform/ListQueryLoggingConfigsRequest.java

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* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/package-info.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/HostedZoneLimitStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ListHealthChecksResultStaxUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/TestDNSAnswerRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/model/ListDomainsResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/model/transform/EnableDomainAutoRenewRequestProtocolMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/model/GetContactReachabilityStatusResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53domains/model/transform/DelegationSetNotReusableException.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ConcurrentModificationExceptionUnmarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/DeleteHostedZoneRequest.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/TestDNSAnswerRequestMarshaller.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/ListHostedZonesResult.java
* /opt/cola/permits/1146313318_1616487665.78/0/aws-java-sdk-route53-1-11-415-sources-1.jar/com/amazonaws/services/route53/model/transform/CreateHealthCheckRequestMarshaller.java
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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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collector. Later contributions should instead be mentioned in
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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 (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
open source used in cisco optical network planner 4.2.2
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subsequently provided updates and information on variation between ultrix systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.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(agc@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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/////

[#mpl]
# MPL Support, `<boost/mp11/mpl.hpp>`

The header `'<boost/mp11/mpl.hpp>'`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid sequences.

NOTE: `mpl.hpp` is not included by `'<boost/mp11.hpp>'`.

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1.1853 **org.jacoco.agent.rt 0.8.2**

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jar/org/apache/commons/logging/LogFactoryService.java
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zlib http://www.gzip.org/zlib/zlib_license.html

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krb4

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MIT Kerberos http://web.mit.edu/kerberos/www/dist/

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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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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

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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

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MortBay

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
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

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This package was debianized by Tomohiro KUBOTA <kubota@debian.org> on
Thu, 19 Jun 2003 17:48:05 +0900.

It was downloaded from http://www.cpan.org/modules/by-module/Text/Text-CharWidth-<version>.tar.gz

Upstream Author: Tomohiro KUBOTA <kubota@debian.org>

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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invocation/reactive/AbstractEncoderMethodReturnValueHandler.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/GenericMessagingTemplate.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/broker/DefaultSubscriptionRegistry.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/AbstractNamedValueMethodArgumentResolver.java

* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/annotation/support/RSocketRequesterMethodArgumentResolver.java

* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/PayloadMethodArgumentResolver.java

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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/ContinuationHandlerMethodArgumentResolver.java

* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/support/DestinationVariableMethodArgumentResolver.java

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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/support/MethodArgumentNotValidException.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/stomp/StompBrokerRelayMessageHandler.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invocation/HandlerMethodReturnValueHandler.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/invocation/HandlerMethodResponseMessageResolverComposite.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/simp/SimpMessageTypeMessageCondition.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/support/IdTimestampMessageHeaderInitializer.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/simp/user/UserRegistryMessageHandler.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/converter/ContentTypeResolver.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/converter/GenericMessageConverter.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/simp/SimpMessageSendingOperations.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/converter/SmartMessageConverter.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/handler/MessagingAdviceBean.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/converter/MessageConversionException.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/simp/user/SimpSession.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/handler/invocation/MethodArgumentResolutionException.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/broker/OrderedMessageSender.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/SimpAttributesContextHolder.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/config/StompBrokerRelayRegistration.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/CachingDestinationResolverProxy.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/DestinationResolvingMessageRequestReplyOperations.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/tcp/reactor/ReactorNettyCodec.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/broker/SubscriptionRegistry.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invocation/reactive/ReturnValuesHandlerConfigurer.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invocation/reactive/HandlerMethodArgumentResolver.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/support/AnnotationExceptionHandlerMethodResolver.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/AbstractMessageSendingTemplate.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/MessageExceptionHandler.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/DestinationResolvingMessageSendingOperations.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/Headers.java
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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/stomp/StompFrameHandler.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/stomp/StompSessionHandlerAdapter.java

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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/rsocket/annotation/support/RSocketMessageHandler.java
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1.jar/org/springframework/messaging/_converter/ProtobufJsonFormatMessageConverter.java

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 * Set the max pool size of the ThreadPoolExecutor.
 * <p><strong>NOTE:</strong> When an unbounded
 * [{@link #queueCapacity(int) queueCapacity}] is configured (the default), the
 * max pool size is effectively ignored. See the "Unbounded queues" strategy
 * in [{@link java.util.concurrent.ThreadPoolExecutor ThreadPoolExecutor}] for
 * more details.
 * <p>By default this is set to [Integer.MAX_VALUE].
 * */
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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>
 * <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>
 * 
 * <h3>The context object</h3>
A `ChannelHandler` is provided with a `ChannelHandlerContext` object. A `ChannelHandler` is supposed to interact with the `ChannelPipeline` it belongs to via a context object. Using the context object, the `ChannelHandler` can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using `AttributeKey`)s which is specific to the handler.

### State management

A `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 SimpleChannelInboundHandler<Message> {

    private boolean loggedIn;

    @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();
            }
        }
    }
}
```

Because the handler instance has a state variable which is dedicated to one connection, you must create a new handler instance for each new channel to avoid a race condition where an unauthenticated client can get the confidential information:

```java
public class DataServerInitializer extends ChannelInitializer<Channel> {

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

// Create a new handler instance per channel.
// See `ChannelInitializer#initChannel(Channel)`.

```
* } 
* } 
* } 
* } 
* </pre>

* Using `{@link AttributeKey}s`<br>

* 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}`:

```java
* 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);
*      &lt;b&gt;attr.set(true)&lt;/b&gt;);
*    } else (message instanceof GetDataMessage) {
*      if (&lt;b&gt;Boolean.TURE.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:

```java
* public class DataServerInitializer extends `{@link ChannelInitializer}`&lt;`@link Channel`&gt; { 
*  private static final DataServerHandler &lt;b&gt;SHARED&lt;/b&gt; = new DataServerHandler();
*
*  {`@code @Override`}
*  public void initChannel({@link Channel} channel) {
*    channel.pipeline().addLast("handler", &lt;b&gt;SHARED&lt;/b&gt;);
*  }
```
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 `ChannelPipeline`s multiple times without a race condition.

If this annotation is not specified, you have to create a new handler 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 to the JCIP annotations.

Additional resources worth reading

Please refer to the `ChannelHandler`, and `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/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ReflectiveChannelFactory.java
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 * 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/condition/MediaTypeExpression.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-
  jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-
  jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-
  jar/org/springframework/web/servlet/SmartView.java
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  jar/org/springframework/web/servlet/support/JstlUtils.java
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  jar/org/springframework/web/servlet/view/xslt/XsltViewResolver.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-
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* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-jar/org/springframework/web/servlet/FlashMapManager.java

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  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.
 * <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
*/

Found in path(s):
* /opt/cola/permits/1161805664_1620752261.11/0/spring-webmvc-5-2-0-release-sources-2-jar/org/springframework/web/servlet/view/xslt/XsltView.java

1.1882 asm 9.2

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* /opt/cola/permits/1183834240_1627488405.61/0/asm-9-2-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java
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1.1883 pycparser 2.21
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pycparser -- A C parser in Python

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1.1884 systemd-shim 219-62.el7_6.6
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1.1891 logstash-input-syslog 3.5.0

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*/

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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Create new DOS partition table
57e721e38d1266c2df055067c18f2ef9 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

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

<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>__ts_dev__1</td>
<td>2048</td>
<td>4095</td>
<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
</tbody>
</table>

Create 2st primary partition
1beb87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73fbe 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

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<td>1024</td>
<td>83</td>
<td>Linux</td>
</tr>
<tr>
<td>__ts_dev__2</td>
<td>4096</td>
<td>20479</td>
<td>8192</td>
<td>a5</td>
<td>FreeBSD</td>
</tr>
</tbody>
</table>

Create default BSD
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  fsytype  [fsize 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):

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

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  fsytype  [fsize 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):
1.1898 iproute 4.20.0-2+deb10u1

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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.

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1.1904 python 2.7.5-89.el7

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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.

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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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.1905 slf4j-simple 1.7.30

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Version 2.1, February 1999

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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

* javax.servlet:javax.servlet-api
* 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-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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**1.1920 vim 7.4.629-6.el7**

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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 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.
(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 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 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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END OF TERMS AND CONDITIONS

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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 Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

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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

That's all there is to it!
*uganda.txt* For Vim version 8.1. Last change: 2018 May 17

VIM REFERENCE MANUAL by Bram Moolenaar

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

SUMMARY
*iccf* *ICCF*

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

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

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

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

=== begin of license ===

VIM LICENSE

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

II) It is allowed to distribute a modified (or extended) version of Vim, including executables and/or source code, when the following four conditions are met:

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

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

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

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

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

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

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

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

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

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

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

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

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

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

 vim:tw=78:ts=8:noet:ft=help:norl:
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*
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1.1930 jackson-module-parameter-names

2.11.2

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1.1931 logstash-integration-elastic_enterprise_search 2.1.2

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1.1933 minimal-json 0.9.5

1.1934 xft 2.3.2-2
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1.1935 libde 1.0.8-1

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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# end-products without checking the licenses on the open-source projects
# from which this code was extracted. This warning applies to this one
# file only - not the bulk of the SQLite source code and tests.
#
#***********************************************************************
#
# This file contains large and complex schemas obtained from open-source
# software projects. The schemas are parsed just to make sure that nothing
# breaks in the parser logic.
#
# These tests merely verify that the parse occurs without error.
# No attempt is made to verify correct operation of the resulting schema
# and statements.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Schema and query extracted from Skrooge.org.
#
do_test fuzz-oss1-skrooge {
    db eval {
        CREATE TABLE parameters (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_uuid_parent
            TEXT NOT NULL DEFAULT '',t_name TEXT NOT NULL,t_value TEXT NOT NULL DEFAULT '',b_blob
            BLOB,d_lastmodifdate DATE NOT NULL DEFAULT CURRENT_TIMESTAMP,i_tmp INTEGER NOT NULL
            DEFAULT 0);
        CREATE TABLE doctransaction (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT
            NOT NULL,t_mode VARCHAR(1) DEFAULT 'U' CHECK (t_mode IN ('U', 'R')),d_date DATE NOT
            NULL,t_savestep VARCHAR(1) DEFAULT 'N' CHECK (t_savestep IN ('Y', 'N')),i_parent INTEGER,
            t_refreshviews VARCHAR(1) DEFAULT 'Y' CHECK (t_refreshviews IN ('Y', 'N')));
        CREATE TABLE doctransactionitem (id INTEGER NOT NULL,i_object_id INTEGER NOT NULL,t_object_table
            TEXT NOT NULL,t_action VARCHAR(1) DEFAULT 'I' CHECK (t_action IN ('I', 'U', 'D')),t_sqlorder
            TEXT NOT NULL DEFAULT '');
        CREATE TABLE doctransactionmsg (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_message
            TEXT NOT NULL DEFAULT '',t_popup VARCHAR(1) DEFAULT 'Y' CHECK (t_popup IN ('Y', 'N')));
        CREATE TABLE unit(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT
            NULL,t_symbol TEXT NOT NULL DEFAULT '',t_country TEXT NOT NULL DEFAULT '',t_type VARCHAR(1)
            NOT NULL DEFAULT 'C' CHECK (t_type IN ('1', '2', 'C', 'S', 'I', 'O')),t_internet_code
            TEXT NOT NULL DEFAULT '',i_nbdecimal INT NOT NULL DEFAULT 2,rd_unit_id INTEGER NOT NULL
            DEFAULT 0,t_source TEXT NOT NULL DEFAULT '');
        CREATE TABLE unitvalue(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rd_unit_id
            INTEGER NOT NULL,d_date DATE NOT NULL,f_quantity FLOAT NOT NULL CHECK (f_quantity>=0));
        CREATE TABLE bank (id INTEGER NOT NULL PRIMARY KEY AUTO_INCREMENT,t_name TEXT
            NOT NULL DEFAULT '',t_bank_number TEXT NOT NULL DEFAULT '',t_icon TEXT NOT NULL
            DEFAULT '');
        CREATE TABLE interest (id INTEGER NOT NULL PRIMARY KEY AUTO_INCREMENT,rd_account_id
            INTEGER NOT NULL,d_date DATE NOT NULL,f_rate FLOAT NOT NULL CHECK (f_rate>=0),t_income_value_date_mode
            VARCHAR(1) NOT NULL DEFAULT 'F' CHECK (t_income_value_date_mode IN ('F', '0', '1', '2', '3', '4', '5')));
    }
}

---

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CREATE TABLE operation(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, i_group_id INTEGER NOT NULL DEFAULT 0, i_number INTEGER DEFAULT 0 CHECK (i_number>=0), d_date DATE NOT NULL DEFAULT '0000-00-00', rd_account_id INTEGER NOT NULL, t_mode TEXT NOT NULL DEFAULT "", r_payee_id INTEGER NOT NULL DEFAULT 0, t_comment TEXT NOT NULL DEFAULT "", rc_unit_id INTEGER NOT NULL, t_status VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_status IN ('N', 'P', 'Y')), t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')), t_imported VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_imported IN ('Y', 'N', 'P', 'T')), t_template VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_template IN ('Y', 'N')), t_import_id TEXT NOT NULL DEFAULT "", i_tmp INTEGER NOT NULL DEFAULT 0, r_recurrentoperation_id INTEGER NOT NULL DEFAULT 0);

CREATE TABLE operationbalance(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, f_balance FLOAT NOT NULL DEFAULT 0, r_operation_id INTEGER NOT NULL);

CREATE TABLE refund (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT NULL DEFAULT '', t_comment TEXT NOT NULL DEFAULT '', t_close VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')));

CREATE TABLE payee (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT NULL DEFAULT '', t_address TEXT NOT NULL DEFAULT '', t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));

CREATE TABLE suboperation(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_comment TEXT NOT NULL DEFAULT '', rd_operation_id INTEGER NOT NULL, r_category_id INTEGER NOT NULL DEFAULT 0, f_value FLOAT NOT NULL DEFAULT 0.0, i_tmp INTEGER NOT NULL DEFAULT 0, r_refund_id INTEGER NOT NULL DEFAULT 0, t_formula TEXT NOT NULL DEFAULT '');

CREATE TABLE rule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_description TEXT NOT NULL DEFAULT '', t_definition TEXT NOT NULL DEFAULT '', t_action_description TEXT NOT NULL DEFAULT '', t_action_definition TEXT NOT NULL DEFAULT '', t_action_type VARCHAR(1) DEFAULT 'S' CHECK (t_action_type IN ('S', 'U', 'A')), t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')), f_sortorder FLOAT);

CREATE TABLE budget (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, rc_category_id INTEGER NOT NULL DEFAULT 0, t_including_subcategories TEXT NOT NULL DEFAULT 'N' CHECK (t_including_subcategories IN ('Y', 'N')), f_budgeted FLOAT NOT NULL DEFAULT 0.0, f_budgeted_modified FLOAT NOT NULL DEFAULT 0.0, f_transferred FLOAT NOT NULL DEFAULT 0.0, i_year INTEGER NOT NULL DEFAULT 2010, i_month INTEGER NOT NULL DEFAULT 0 CHECK (i_month>=0 AND i_month<=12), i_condition INTEGER NOT NULL DEFAULT 0 CHECK (i_condition IN (-1, 0, 1)), f_quantity FLOAT NOT NULL DEFAULT 0.0, t_absolute TEXT NOT NULL DEFAULT 'Y' CHECK (t_absolute IN ('Y', 'N')), rc_category_id_target INTEGER NOT NULL DEFAULT 0, t_category_target TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_target IN ('Y', 'N')), t_rule TEXT NOT NULL DEFAULT 'N' CHECK (t_rule IN ('Y', 'N', 'C', 'Y')));

CREATE TABLE budgetcategory(id INTEGER NOT NULL DEFAULT 0, id_category INTEGER NOT NULL DEFAULT 0);

CREATE TABLE budgetrule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, rc_category_id INTEGER NOT NULL DEFAULT 0, t_category_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_condition IN ('Y', 'N')), t_year_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_year_condition IN ('Y', 'N')), i_year INTEGER NOT NULL DEFAULT 2010, i_month INTEGER NOT NULL DEFAULT 0 CHECK (i_month>=0 AND i_month<=12), t_month_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_month_condition IN ('Y', 'N')), i_condition INTEGER NOT NULL DEFAULT 0 CHECK (i_condition IN (-1, 0, 1)), f_quantity FLOAT NOT NULL DEFAULT 0.0, t_absolute TEXT NOT NULL DEFAULT 'Y' CHECK (t_absolute IN ('Y', 'N')), rc_category_id_target INTEGER NOT NULL DEFAULT 0, t_category_target TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_target IN ('Y', 'N')), t_rule TEXT NOT NULL DEFAULT 'N' CHECK (t_rule IN ('Y', 'C', 'Y')));

CREATE TABLE "recurrentoperation" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, d_date DATE NOT NULL DEFAULT '0000-00-00', rd_operation_id INTEGER NOT NULL, i_period_increment INTEGER NOT NULL DEFAULT 1, t_period_unit TEXT NOT NULL DEFAULT 'M', t_auto_write VARCHAR(1) DEFAULT 'Y' CHECK (t_auto_write IN ('Y', 'N')));
(t_auto_write IN ('Y', 'N')), i_auto_write_days INTEGER NOT NULL DEFAULT 5 CHECK
(i_auto_write_days>=0), t_warn VARCHAR(1) DEFAULT 'Y' CHECK (t_warn IN ('Y', 'N')), i_warn_days
INTEGER NOT NULL DEFAULT 5 CHECK (i_warn_days>=0), t_times VARCHAR(1) DEFAULT 'N' CHECK
(t_times IN ('Y', 'N')), i_nb_times INTEGER NOT NULL DEFAULT 1 CHECK (i_nb_times>=0));
CREATE TABLE "category" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT
NOT NULL DEFAULT "", t_fullname TEXT, rd_category_id INT, t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));
CREATE TABLE "account" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT
NULL, t_number TEXT NOT NULL DEFAULT '', t_agency_number TEXT NOT NULL DEFAULT '',
t_agency_address TEXT NOT NULL DEFAULT '', t_comment TEXT NOT NULL DEFAULT '', t_close
VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')), t_type VARCHAR(1) NOT NULL DEFAULT 'C'
CHECK (t_type IN ('C', 'D', 'A', 'I', 'L', 'W', 'O')), t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')), rd_bank_id INTEGER NOT NULL);
CREATE TABLE "node" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT, t_name TEXT NOT
NULL DEFAULT "", t_fullname TEXT, t_icon TEXT DEFAULT '', f_sortorder FLOAT, t_autostart VARCHAR(1) DEFAULT 'N' CHECK (t_autostart IN ('Y', 'N')), t_data
TEXT, rd_node_id INT CONSTRAINT fk_id REFERENCES node(id) ON DELETE CASCADE);
CREATE TABLE vm_category_display_tmp(id INT,
t_name TEXT,
t_fullname TEXT,
rd_category_id INT,
t_bookmarked TEXT,
i_NBOPERATIONS,
f_REALCURRENTAMOUNT
);
CREATE TABLE vm_budget_tmp(id INT,
rc_category_id INT,
t_including_subcategories TEXT,
f_budgeted REAL,
f_budgeted_modified REAL,
f_transferred REAL,
i_year INT,
i_month INT,
t_CATEGORY,
t_PERIOD,
f_CURRENTAMOUNT,
t_RULES
);
CREATE INDEX idx_doctransaction_parent ON doctransaction (i_parent);
CREATE INDEX idx_doctransactionitem_i_object_id ON doctransactionitem (i_object_id);
CREATE INDEX idx_doctransactionitem_t_object_table ON doctransactionitem (t_object_table);
CREATE INDEX idx_doctransactionitem_t_action ON doctransactionitem (t_action);
CREATE INDEX idx_doctransactionitem_rd_doctransaction_id ON doctransactionitem (rd_doctransaction_id);
CREATE INDEX idx_doctransactionitem_optimization ON doctransactionitem (rd_doctransaction_id, i_object_id,
t_object_table, t_action, id);
CREATE INDEX idx_unit_unit_id ON unitvalue(rd_unit_id);
CREATE INDEX idx_account_bank_id ON account(rd_bank_id);
CREATE INDEX idx_account_type ON account(t_type);
CREATE INDEX idx_category_category_id ON category(rd_category_id);
CREATE INDEX idx_category_t_fullname ON category(t_fullname);
CREATE INDEX idx_operation_account_id ON operation(rd_account_id);
CREATE INDEX idx_operation_grouped_operation_id ON operation(i_group_id);
CREATE INDEX idx_operation_i_number ON operation(i_number);
CREATE INDEX idx_operation_tmp1_found_transfer ON operation(rc_unit_id, d_date);
CREATE INDEX idx_operation_rd_account_id ON operation(rd_account_id);
CREATE INDEX idx_operation_rc_unit_id ON operation(rc_unit_id);
CREATE INDEX idx_operation_t_status ON operation(t_status);
CREATE INDEX idx_operation_t_import_id ON operation(t_import_id);
CREATE INDEX idx_operation_t_template ON operation(t_template);
CREATE INDEX idx_operation_d_date ON operation(d_date);
CREATE INDEX idx_operation_balance_operation_id ON operation_balance(rd_operation_id);
CREATE INDEX idx_suboperation_operation_id ON suboperation(rd_operation_id);
CREATE INDEX idx_subperation_i_tmp ON suboperation(i_tmp);
CREATE INDEX idx_suboperation_category_id ON suboperation(rd_category_id);
CREATE INDEX idx_suboperation_refund_id_id ON suboperation(r_refund_id);
CREATE INDEX idx_recurrentoperation_rd_operation_id ON recurrentoperation(rd_operation_id);
CREATE INDEX idx_refund_close ON refund(t_close);
CREATE INDEX idx_interest_account_id ON interest(rd_account_id);
CREATE INDEX idx_rule_action_type ON rule(t_action_type);
CREATE INDEX idx_budget_category_id ON budget(rc_category_id);
CREATE INDEX idx_budgetcategory_id ON budgetcategory(id);
CREATE UNIQUE INDEX uidx_parameters_uuid_parent_name ON parameters(t_uuid_parent, t_name);
CREATE UNIQUE INDEX uidx_node_parent_id_name ON node(t_name, rd_node_id);
CREATE UNIQUE INDEX uidx_node_fullname ON node(t_fullname);
CREATE UNIQUE INDEX uidx_unit_name ON unit(t_name);
CREATE UNIQUE INDEX uidx_unit_symbol ON unit(t_symbol);
CREATE UNIQUE INDEX uidx_unitvalue ON unitvalue(d_date, rd_unit_id);
CREATE UNIQUE INDEX uidx_bank_name ON bank(t_name);
CREATE UNIQUE INDEX uidx_account_name ON account(t_name);
CREATE UNIQUE INDEX uidx_category_parent_id_name ON category(t_name, rd_category_id);
CREATE UNIQUE INDEX uidx_category_t_fullname ON category(t_fullname);
CREATE UNIQUE INDEX uidx_category_name ON category(t_name);
CREATE VIEW v_node AS SELECT * FROM node;
CREATE VIEW v_node_displayname AS SELECT *, t_fullname AS t_displayname FROM node;
CREATE VIEW v_parameters_displayname AS SELECT *, t_name AS t_displayname FROM parameters;
CREATE TRIGGER fkdc_parameters_parameters_uuid BEFORE DELETE ON parameters FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent = OLD.id||'-'||'parameters'; END;
CREATE TRIGGER fkdc_node_parameters_uuid BEFORE DELETE ON node FOR EACH ROW BEGIN
    DELETE FROM parameters WHERE parameters.t_uuid_parent = OLD.id||'-'||'node'; END;

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CREATE TRIGGER cpt_node_fullname1 AFTER INSERT ON node BEGIN UPDATE node SET t_fullname=CASE WHEN new.rd_node_id IS NULL OR new.rd_node_id='' OR new.rd_node_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM node c WHERE c.id=new.rd_node_id) END WHERE id=new.id;END;

CREATE TRIGGER cpt_node_fullname2 AFTER UPDATE OF t_name, rd_node_id ON node BEGIN UPDATE node SET t_fullname=CASE WHEN new.rd_node_id IS NULL OR new.rd_node_id='' OR new.rd_node_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM node c WHERE c.id=new.rd_node_id) END WHERE id=new.id;END;

CREATE TRIGGER fk_account_bank_rd_bank_id_id BEFORE INSERT ON account FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (bank est utilis par account)
Nom de la contrainte: fki_account_bank_rd_bank_id_id') WHERE NEW.rd_bank_id!=0 AND NEW.rd_bank_id!' AND (SELECT id FROM bank WHERE id = NEW.rd_bank_id) IS NULL;END;

CREATE TRIGGER fku_account_bank_rd_bank_id_id BEFORE UPDATE ON account FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (bank est utilis par account)
Nom de la contrainte: fki_account_bank_rd_bank_id_id') WHERE NEW.rd_bank_id!=0 AND NEW.rd_bank_id!' AND (SELECT id FROM bank WHERE id = NEW.rd_bank_id) IS NULL;END;

CREATE TRIGGER fkdc_bank_account_id_rd_bank_id BEFORE DELETE ON bank FOR EACH ROW BEGIN DELETE FROM account WHERE account.rd_bank_id = OLD.id;END;

CREATE TRIGGER fki_budget_category_rc_category_id_id BEFORE INSERT ON budget FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (category est utilis par budget)
Nom de la contrainte: fki_budget_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL;END;

CREATE TRIGGER fku_budget_category_rc_category_id_id BEFORE UPDATE ON budget FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par budget)
Nom de la contrainte: fki_budget_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL;END;

CREATE TRIGGER fk_budget_category_rc_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilis par budget)
Nom de la contrainte: fkd_budget_category_rc_category_id_id') WHERE (SELECT rc_category_id FROM budget WHERE rc_category_id = OLD.id) IS NOT NULL;END;

CREATE TRIGGER fki_budgetrule_category_rc_category_id_id BEFORE INSERT ON budgetrule FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (category est utilis par budgetrule)
Nom de la contrainte: fki_budgetrule_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL;END;

CREATE TRIGGER fku_budgetrule_category_rc_category_id_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par budgetrule)
Nom de la contrainte: fki_budgetrule_category_rc_category_id_id') WHERE NEW.rc_category_id!=0 AND NEW.rc_category_id!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id) IS NULL;END;

CREATE TRIGGER fkd_budgetrule_category_rc_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de dtruire un objet (category est utilis par budgetrule)
Nom de la contrainte: fkd_budgetrule_category_rc_category_id_id') WHERE (SELECT rc_category_id FROM budgetrule WHERE rc_category_id = OLD.id) IS NOT NULL;END;

CREATE TRIGGER fki_budgetrule_category_rc_category_id_target_id BEFORE INSERT ON budgetrule FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (category est utilis par budgetrule)
Nom de la contrainte: fki_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL;END;

CREATE TRIGGER fku_budgetrule_category_rc_category_id_target_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par budgetrule)
Nom de la contrainte: fki_budgetrule_category_rc_category_id_target_id') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL;END;
EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule)') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!="" AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fku_budgetrule_category_rc_category_id_target_id BEFORE DELETE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule)') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!="" AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fkd_budgetrule_category_rc_category_id_target_id BEFORE DELETE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par budgetrule)') WHERE NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!="" AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fki_category_category_rd_category_id_id BEFORE INSERT ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (category est utilisé par category)') WHERE NEW.rd_category_id!=0 AND NEW.rd_category_id!="" AND (SELECT id FROM category WHERE id = NEW.rd_category_id) IS NULL; END;
CREATE TRIGGER fku_category_category_rd_category_id_id BEFORE UPDATE ON category FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par category)') WHERE NEW.rd_category_id!=0 AND NEW.rd_category_id!="" AND (SELECT id FROM category WHERE id = NEW.rd_category_id) IS NULL; END;
CREATE TRIGGER fkdc_category_category_id_rd_category_id BEFORE DELETE ON category FOR EACH ROW BEGIN DELETE FROM category WHERE category.rd_category_id = OLD.id; END;
CREATE TRIGGER fki_doctransactionitem_doctransaction_rd_doctransaction_id_id BEFORE INSERT ON doctransactionitem FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (doctransaction est utilisé par doctransactionitem)') WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fku_doctransactionitem_doctransaction_rd_doctransaction_id_id BEFORE UPDATE ON doctransactionitem FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (doctransaction est utilisé par doctransactionitem)') WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fkdc_doctransaction_doctransactionitem_id_rd_doctransaction_id BEFORE DELETE ON doctransactionitem FOR EACH ROW BEGIN DELETE FROM doctransactionitem WHERE doctransactionitem.rd_doctransaction_id = OLD.id; END;
CREATE TRIGGER fki_doctransactionmsg_doctransaction_rd_doctransaction_id_id BEFORE INSERT ON doctransactionmsg FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d''ajouter un objet (doctransaction est utilisé par doctransactionmsg)') WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fku_doctransactionmsg_doctransaction_rd_doctransaction_id_id BEFORE UPDATE ON doctransactionmsg FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (doctransaction est utilisé par doctransactionmsg)') WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fkdc_doctransaction_doctransactionmsg_id_rd_doctransaction_id BEFORE DELETE ON
doctransaction FOR EACH ROW BEGIN DELETE FROM doctransactionmsg WHERE doctransactionmsg.rd_doctransaction_id = OLD.id; END;
CREATE TRIGGER fki_interest_account_rd_account_id_id BEFORE INSERT ON interest FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (account est utilisé par interest) Nom de la contrainte: fki_interest_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fku_interest_account_rd_account_id_id BEFORE UPDATE ON interest FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par interest) Nom de la contrainte: fku_interest_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_account_interest_id_rd_account_id BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM interest WHERE interest.rd_account_id = OLD.id; END;
CREATE TRIGGER fki_node_node_rd_node_id_id BEFORE INSERT ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (node est utilisé par node) Nom de la contrainte: fki_node_node_rd_node_id_id') WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!="" AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fku_node_node_rd_node_id_id BEFORE UPDATE ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (node est utilisé par node) Nom de la contrainte: fku_node_node_rd_node_id_id') WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!="" AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fkdc_node_node_id_rd_node_id BEFORE DELETE ON node FOR EACH ROW BEGIN DELETE FROM node WHERE node.rd_node_id = OLD.id; END;
CREATE TRIGGER fki_operation_account_rd_account_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (account est utilisé par operation) Nom de la contrainte: fki_operation_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fku_operation_account_rd_account_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par operation) Nom de la contrainte: fku_operation_account_rd_account_id_id') WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_account_operation_id_rd_account_id BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM operation WHERE operation.rd_account_id = OLD.id; END;
CREATE TRIGGER fki_operation_payee_r_payee_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (payee est utilisé par operation) Nom de la contrainte: fki_operation_payee_r_payee_id_id') WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!="" AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fku_operation_payee_r_payee_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (payee est utilisé par operation) Nom de la contrainte: fku_operation_payee_r_payee_id_id') WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!="" AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fkd_operation_payee_r_payee_id_id BEFORE DELETE ON payee FOR EACH ROW BEGIN UPDATE operation SET r_payee_id=0 WHERE r_payee_id=OLD.id; END;
CREATE TRIGGER fki_operation_unit_rc_unit_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par operation) Nom de la contrainte: fki_operation_unit_rc_unit_id_id') WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fku_operation_unit_rc_unit_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN UPDATE operation SET r_payee_id=0 WHERE r_payee_id=OLD.id; END;
CREATE TRIGGER fkd_operation_unit_rc_unit_id_id BEFORE DELETE ON payee FOR EACH ROW BEGIN UPDATE operation SET r_payee_id=0 WHERE r_payee_id=OLD.id; END;

Nom de la contrainte: fku_operation_unit_rc_unit_id_id') WHERE NEW.rc_unit_id!=0 AND
NEW.rc_unit_id='' AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fkd_operation_unit_rc_unit_id_id BEFORE DELETE ON unit FOR EACH ROW BEGIN
SELECT RAISE(ABORT, 'Impossible de dtruire un objet (unit est utilis par operation)
Nom de la contrainte: fkd_operation_unit_rc_unit_id_id') WHERE (SELECT rc_unit_id FROM operation
WHERE rc_unit_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE INSERT ON
operation FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (recurrentoperation
est utilis par operation)
Nom de la contrainte: fki_operation_recurrentoperation_r_recurrentoperation_id_id')   WHERE
NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id='' AND (SELECT id FROM
recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fku_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE UPDATE ON
recurrentoperation FOR EACH ROW BEGIN     SELECT RAISE(ABORT, 'Impossible de modifier un objet
(recurrentoperation est utilis par operation)
Nom de la contrainte: fku_operation_recurrentoperation_r_recurrentoperation_id_id') WHERE
NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id='' AND (SELECT id FROM
recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fkd_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE DELETE ON
recurrentoperation FOR EACH ROW BEGIN     UPDATE operation SET r_recurrentoperation_id=0 WHERE
r_recurrentoperation_id=OLD.id; END;
CREATE TRIGGER fki_operationbalance_operation_r_operation_id_id BEFORE INSERT ON operationbalance
FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (operation est utilis par
operationbalance)
Nom de la contrainte: fki_operationbalance_operation_r_operation_id_id') WHERE NEW.r_operation_id!=0 AND
NEW.r_operation_id='' AND (SELECT id FROM operation WHERE id = NEW.r_operation_id) IS NULL; END;
CREATE TRIGGER fku_operationbalance_operation_r_operation_id_id BEFORE UPDATE ON operationbalance
FOR EACH ROW BEGIN     SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilis par
operationbalance)
Nom de la contrainte: fku_operationbalance_operation_r_operation_id_id') WHERE NEW.r_operation_id!=0 AND
NEW.r_operation_id='' AND (SELECT id FROM operation WHERE id = NEW.r_operation_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_recurrentoperation_id_rd_operation_id BEFORE DELETE ON operation
FOR EACH ROW BEGIN     DELETE FROM recurrentoperation WHERE recurrentoperation.rd_operation_id =
CREATE TRIGGER fki_suboperation_operation_rd_operation_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (operation est utilisé par suboperation) Nom de la contrainte: fki_suboperation_operation_rd_operation_id_id') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!='' AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;

CREATE TRIGGER fku_suboperation_operation_rd_operation_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilisé par subopération) Nom de la contrainte: fku_suboperation_operation_rd_operation_id_id') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!='' AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;

CREATE TRIGGER fkdc_operation_suboperation_id_rd_operation_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM suboperation WHERE suboperation.rd_operation_id = OLD.id; END;

CREATE TRIGGER fki_suboperation_category_r_category_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilisé par subopération) Nom de la contrainte: fki_suboperation_category_r_category_id_id') WHERE NEW.r_category_id!=0 AND NEW.r_category_id!='' AND (SELECT id FROM category WHERE id = NEW.r_category_id) IS NULL; END;

CREATE TRIGGER fku_suboperation_category_r_category_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilisé par subopération) Nom de la contrainte: fku_suboperation_category_r_category_id_id') WHERE NEW.r_category_id!=0 AND NEW.r_category_id!='' AND (SELECT id FROM category WHERE id = NEW.r_category_id) IS NULL; END;

CREATE TRIGGER fkd_suboperation_category_r_category_id_id BEFORE DELETE ON category FOR EACH ROW BEGIN UPDATE suboperation SET r_category_id=0 WHERE r_category_id=OLD.id; END;

CREATE TRIGGER fki_suboperation_refund_r_refund_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (refund est utilisé par subopération) Nom de la contrainte: fki_suboperation_refund_r_refund_id_id') WHERE NEW.r_refund_id!=0 AND NEW.r_refund_id!='' AND (SELECT id FROM refund WHERE id = NEW.r_refund_id) IS NULL; END;

CREATE TRIGGER fku_suboperation_refund_r_refund_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (refund est utilisé par subopération) Nom de la contrainte: fku_suboperation_refund_r_refund_id_id') WHERE NEW.r_refund_id!=0 AND NEW.r_refund_id!='' AND (SELECT id FROM refund WHERE id = NEW.r_refund_id) IS NULL; END;

CREATE TRIGGER fkd_suboperation_refund_r_refund_id_id BEFORE DELETE ON refund FOR EACH ROW BEGIN UPDATE suboperation SET r_refund_id=0 WHERE r_refund_id=OLD.id; END;

CREATE TRIGGER fki_unit_unit_rd_unit_id_id BEFORE INSERT ON unit FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par unit) Nom de la contrainte: fki_unit_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fku_unit_unit_rd_unit_id_id BEFORE UPDATE ON unit FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par unit) Nom de la contrainte: fku_unit_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fkdc_unit_unit_id_rd_unit_id BEFORE DELETE ON unit FOR EACH ROW BEGIN DELETE FROM unit WHERE unit.rd_unit_id = OLD.id; END;

CREATE TRIGGER fki_unitvalue_unit_rd_unit_id_id BEFORE INSERT ON unitvalue FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unitvalue est utilisé par unitvalue) Nom de la contrainte: fki_unitvalue_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unitvalue WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fku_unitvalue_unit_rd_unit_id_id BEFORE UPDATE ON unitvalue FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unitvalue est utilisé par unitvalue) Nom de la contrainte: fku_unitvalue_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!='' AND (SELECT id FROM unitvalue WHERE id = NEW.rd_unit_id) IS NULL; END;

CREATE TRIGGER fkdc_unitvalue_unit_id_rd_unit_id BEFORE DELETE ON unitvalue FOR EACH ROW BEGIN DELETE FROM unitvalue WHERE unit.rd_unit_id = OLD.id; END;
SELECT RAISE(ABORT, 'Impossible d”ajouter un objet (unit est utilis par unitvalue)
Nom de la contrainte: fk_unitvalue_unit_rd_unit_id_id) WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!=""
AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;
CREATE TRIGGER fk_unitvalue_unit_rd_unit_id_id BEFORE UPDATE ON unitvalue FOR EACH ROW
BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilis par unitvalue)
Nom de la contrainte: fk_unitvalue_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!=""
AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;
CREATE TRIGGER fkdc_unit_unitvalue_id_rd_unit_id BEFORE DELETE ON unitvalue FOR EACH ROW BEGIN
DELETE FROM unitvalue WHERE unitvalue.rd_unit_id = OLD.id; END;
CREATE TRIGGER fkdc_category_vm_category_display_tmp_id_rd_category_id BEFORE DELETE ON category FOR
EACH ROW BEGIN DELETE FROM vm_category_display_tmp WHERE vm_category_display_tmp.rd_category_id = OLD.id; END;
CREATE VIEW v_unit_displayname AS SELECT *, t_name||' ('||t_symbol||')' AS t_displayname FROM unit;
CREATE VIEW v_unit_tmp1 AS SELECT *,(SELECT count(*) FROM unitvalue s WHERE s.rd_unit_id=unit.id)
AS i_NBVALUES, (CASE WHEN unit.rd_unit_id=0 THEN "" ELSE (SELECT s.t_symbol!=""
THEN s.t_symbol ELSE s.t_name END) FROM unit s WHERE s.id=unit.rd_unit_id) END AS T_UNITNLS, (SELECT
unit.t_type WHEN '1' THEN 'Monnaie principale' WHEN '2' THEN 'Monnaie secondaire' WHEN 'C' THEN 'Monnaie'
WHEN 'S' THEN 'Action' WHEN 'I' THEN 'Indice' ELSE 'Objet' END) AS T_TYPENLS, (SELECT
MIN(s.d_date) FROM  unitvalue s WHERE s.rd_unit_id=unit.id) AS d_MINDATE, (SELECT MAX(s.d_date)
FROM  unitvalue s WHERE s.rd_unit_id=unit.id) AS d_MAXDATE from unit;
CREATE VIEW v_unit_tmp2 AS SELECT *,CASE WHEN v_unit_tmp1.t_type='1' THEN 1 ELSE
IFNULL((SELECT s.f_quantity FROM unitvalue s WHERE s.rd_unit_id=v_unit_tmp1.id AND
s.d_date=v_unit_tmp1.d_MAXDATE),1) END AS f_LASTVALUE from v_unit_tmp1;
CREATE VIEW v_unit AS SELECT *,v_unit_tmp2.f_LASTVALUE*IFNULL((SELECT s2.f_LASTVALUE
FROM v_unit_tmp2 s2 WHERE s2.id=v_unit_tmp2.rd_unit_id) , 1) AS f_CURRENTAMOUNT from v_unit_tmp2;
CREATE VIEW v_unitvalue_displayname AS SELECT *, (SELECT t_displayname FROM v_unit_displayname
WHERE unitvalue.rd_unit_id=v_unit_displayname.id)||' '||STRFTIME('%d/%m/%Y',d_date) AS t_displayname
FROM unitvalue;
CREATE VIEW v_unitvalue AS SELECT * FROM unitvalue;
CREATE VIEW v_suboperation AS SELECT * FROM suboperation;
CREATE VIEW v_operation_numbers AS SELECT DISTINCT i_number, rd_account_id FROM operation;
CREATE VIEW v_operation_next_numbers AS SELECT T1.i_number+1 AS i_number FROM
v_operation_numbers AS T1 LEFT OUTER JOIN v_operation_numbers T2 ON
T2.rd_account_id=T1.rd_account_id AND T2.i_number=T1.i_number+1 WHERE T1.i_number!=0 AND
(T2.i_number IS NULL) ORDER BY T1.i_number;
CREATE VIEW v_operation_tmp1 AS SELECT *,(SELECT t_name FROM payee s WHERE
s.id=operation_r_payee_id) AS T_PAYEE,(SELECT TOTAL(s.f_value) FROM suboperation s WHERE
s.rd_operation_id=operation.ID) AS f_QUANTITY,(SELECT count(*) FROM suboperation s WHERE
s.rd_operation_id=operation.ID) AS i_NBSUBCATEGORY FROM operation;
CREATE VIEW v_operation AS SELECT *,(SELECT s.id FROM suboperation s WHERE
s.rd_operation_id=v_operation_tmp1.id AND ABS(s.f_value)=(SELECT MAX(ABS(s2.f_value)) FROM
suboperation s2 WHERE s2.rd_operation_id=v_operation_tmp1.id)) AS i_MOSTIMPSUBOP,(SELECT

CREATE VIEW v_operation_consolidated AS SELECT (SELECT s.t_TYPENLS FROM v_account_display s WHERE s.id=op.rd_account_id) AS t_ACCOUNTTYPE,(SELECT u.t_TYPENLS FROM v_unit u WHERE u.id=op.rc_unit_id) AS t_UNITTYPE,sop.id AS i_SUBOPID, sop.r_refund_id AS r_refund_id, (CASE WHEN sop.t_comment='' THEN op.t_comment ELSE sop.t_comment END) AS t_REALCOMMENT, sop.t_CATEGORY AS t_REALCATEGORY, sop.t_REFUND AS t_REALREFUND, sop.r_category_id AS i_IDCATEGORY, (CASE WHEN sop.f_value<0 THEN '-' WHEN sop.f_value=0 THEN '' ELSE '+' END) AS t_TYPEEXPENSE, (CASE WHEN sop.f_value<0 THEN 'Dpense' WHEN sop.f_value=0 THEN '' ELSE 'Revenu' END) AS t_TYPEEXPENSENLS, STRFTIME('%Y-%W',op.t_OPERATION.END) AS d_DATEWEEK,STRFTIME('%Y-%m',op.t_OPERATION.END) AS d_DATEMONTH,STRFTIME('%Y',op.t_OPERATION.END)||'-Q'||(CASE WHEN STRFTIME('%m',op.t_OPERATION.END)<='03' THEN '1' WHEN STRFTIME('%m',op.t_OPERATION.END)<='06' THEN '2' WHEN STRFTIME('%m',op.t_OPERATION.END)<='09' THEN '3' ELSE '4' END) AS d_DATEQUARTER, STRFTIME('%Y',op.t_OPERATION.END)||'-S'||(CASE WHEN STRFTIME('%m',op.t_OPERATION.END)<='06' THEN '1' ELSE '2' END) AS d_DATESEMESTER, STRFTIME('%Y',op.t_OPERATION.END) AS d_DATEYEAR, (SELECT count(*) FROM v_suboperation s WHERE s.rd_operation_id=op.id) AS i_NBRECURRENT, (CASE WHEN op.f_QUANTITY>=0 THEN 0 ELSE opp.f_CURRENTAMOUNT END) AS f_CURRENTAMOUNT_INCOME, (CASE WHEN op.f_QUANTITY<=0 THEN 0 ELSE opp.f_CURRENTAMOUNT END) AS f_CURRENTAMOUNT_EXPENSE, (SELECT o2.f_balance FROM operationbalance o2 WHERE o2.r_operation_id=op.id ) AS f_BALANCE, (CASE WHEN op.f_QUANTITY>=0 THEN 0 ELSE opp.f_CURRENTAMOUNT END) AS f_CURRENTAMOUNT_INCOME, (CASE WHEN op.f_QUANTITY<=0 THEN 0 ELSE opp.f_CURRENTAMOUNT END) AS f_CURRENTAMOUNT_EXPENSE FROM v_operation;
t_TYPEEXPENSENLs, sop.f_value AS f_REALQUANTITY, sop.f_VALUE_INCOME AS f_REALQUANTITY_INCOME, sop.f_VALUE_EXPENSE AS f_REALQUANTITY_EXPENSE, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_value) AS f_REALCURRENTAMOUNT, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_VALUE_INCOME) AS f_REALCURRENTAMOUNT_INCOME, ((SELECT u.f_CURRENTAMOUNT FROM v_unit u WHERE u.id=op.rc_unit_id)*sop.f_VALUE_EXPENSE) AS f_REALCURRENTAMOUNT_EXPENSE, op.* FROM v_operation_display_all AS op, v_suboperation_display AS sop WHERE op.t_template='N' AND sop.rd_operation_id=op.ID;
CREATE VIEW v_operation_prop AS SELECT p.id AS i_PROPPID, p.t_name AS i_PROPPNAME, p.t_value AS i_PROPVALUE, op.* FROM v_operation_consolidated AS op LEFT OUTER JOIN parameters AS p ON p.t_uuid_parent=op.id||'-operation';
CREATE VIEW v_refund_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM v_operation_consolidated WHERE r_refund_id=refund.id AND t_status='Y') THEN 'Vous n’êtes pas autorisé à dtruire ce suiveur car utilis par des opérations rapprochées' END) t_delete_message FROM refund;
CREATE VIEW v_refund AS SELECT *, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE o.r_refund_id=refund.id) AS f_CURRENTAMOUNT FROM refund;
CREATE VIEW v_refund_display AS SELECT *,(SELECT MIN(o.d_date) FROM v_operation_consolidated o WHERE o.r_refund_id=v_refund.id) AS d_FIRSTDATE, (SELECT MAX(o.d_date) FROM v_operation_consolidated o WHERE o.r_refund_id=v_refund.id) AS d_LASTDATE FROM refund;
CREATE VIEW v_refund_displayname AS SELECT *, t_name AS t_displayname FROM refund;
CREATE VIEW v_payee_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM operation WHERE r_payee_id=payee.id AND t_status='Y') THEN 'Vous n’êtes pas autorisé à dtruire ce tiers car utilis par des opérations rapprochées' END) t_delete_message FROM payee;
CREATE VIEW v_payee AS SELECT *, (SELECT TOTAL(o.f_CURRENTAMOUNT) FROM v_operation o WHERE o.r_payee_id=payee.id AND o.t_template='N') AS f_CURRENTAMOUNT FROM payee;
CREATE VIEW v_payee_display AS SELECT * FROM v_payee;
CREATE VIEW v_payee_displayname AS SELECT *, t_name AS t_displayname FROM payee;
CREATE VIEW v_category_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM v_operation_consolidated WHERE (t_REALCATEGORY=category.t_fullname OR t_REALCATEGORY like category.t_fullname||' %') AND t_status='Y') THEN 'Vous n’êtes pas autorisé à dtruire cette catégorie car utilise par des opérations rapprochées' END) t_delete_message FROM category;
CREATE VIEW v_category_display_tmp AS SELECT *,(SELECT count(distinct(so.rd_operation_id)) FROM operation o, suboperation so WHERE so.rd_operation_id=o.id AND so.r_category_id=v_category.ID AND o.t_template='N') AS i_NBOPERATIONS, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE o.r_category_id=v_category.ID AND o.t_template='N') AS f_REALCURRENTAMOUNT FROM v_category;
CREATE VIEW v_category_display AS SELECT *,f_REALCURRENTAMOUNT+(SELECT TOTAL(c.f_REALCURRENTAMOUNT) FROM vm_category_display_tmp c WHERE c.t_fullname LIKE vm_category_display_tmp.t_fullname||' > %') AS f_SUMCURRENTAMOUNT, i_NBOPERATIONS+(SELECT CAST(TOTAL(c.i_NBOPERATIONS) AS INTEGER) FROM vm_category_display_tmp c WHERE c.t_fullname like vm_category_display_tmp.t_fullname||' > %') AS i_SUMNBOPERATIONS, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE o.i_IDCATEGORY=v_category.ID) AS f_REALCURRENTAMOUNT FROM v_category;
CREATE VIEW v_category_display AS SELECT *(SELECT TOTAL(c.f_REALCURRENTAMOUNT) FROM vm_category_display_tmp c WHERE c.t_fullname LIKE vm_category_display_tmp.t_fullname||' > %') AS f_SUMCURRENTAMOUNT, i_NBOPERATIONS+(SELECT CAST(TOTAL(c.i_NBOPERATIONS) AS INTEGER) FROM vm_category_display_tmp c WHERE c.t_fullname like vm_category_display_tmp.t_fullname||' > %') AS i_SUMNBOPERATIONS, (CASE WHEN t_bookmarked='Y' THEN 'Y' WHEN EXISTS(SELECT 1 FROM category c WHERE c.t_bookmarked='Y' AND c.t_fullname like vm_category_display_tmp.t_fullname||' > %') THEN 'C' ELSE 'N' END) AS t_HASBOOKMARKEDCHILD, (CASE WHEN vm_category_display_tmp.f_REALCURRENTAMOUNT<0 THEN '+' WHEN vm_category_display_tmp.f_REALCURRENTAMOUNT>0 THEN '-' WHEN vm_category_display_tmp.f_REALCURRENTAMOUNT=0 THEN ' ' ELSE 'Revenu' END) AS t_TYPEEXPENSENLs FROM vm_category_display_tmp;
CREATE TRIGGER fkdc_unitvalue_parameters_uuid BEFORE DELETE ON unitvalue FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'unitvalue'; END;
CREATE TRIGGER fkdc_category_parameters_uuid BEFORE DELETE ON category FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'category'; END;
CREATE TRIGGER fkdc_operation_parameters_uuid BEFORE DELETE ON operation FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'operation'; END;
CREATE TRIGGER fkdc_interest_parameters_uuid BEFORE DELETE ON interest FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'interest'; END;
CREATE TRIGGER fkdc_suboperation_parameters_uuid BEFORE DELETE ON suboperation FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'suboperation'; END;
CREATE TRIGGER fkdc_refund_parameters_uuid BEFORE DELETE ON refund FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'refund'; END;
CREATE TRIGGER fkdc_payee_parameters_uuid BEFORE DELETE ON payee FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'payee'; END;
CREATE TRIGGER fkdc_recurrentoperation_parameters_uuid BEFORE DELETE ON recurrentoperation FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'recurrentoperation'; END;
CREATE TRIGGER fkdc_rule_parameters_uuid BEFORE DELETE ON rule FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'rule'; END;
CREATE TRIGGER fkdc_budget_parameters_uuid BEFORE DELETE ON budget FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budget'; END;
CREATE TRIGGER fkdc_budgetrule_parameters_uuid BEFORE DELETE ON budgetrule FOR EACH ROW BEGIN
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budgetrule'; END;
CREATE TRIGGER cpt_category_fullname1 AFTER INSERT ON category BEGIN
UPDATE category SET t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name END WHERE id=new.id;END;
CREATE TRIGGER cpt_category_fullname2 AFTER UPDATE OF t_name, rd_category_id ON category BEGIN
UPDATE category SET t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name END WHERE id=new.id;END;
CREATE TRIGGER cpt_category_fullname2 AFTER UPDATE OF t_name, rd_category_id ON category BEGIN
UPDATE category SET t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name END WHERE id=new.id;END;
CREATE TRIGGER fkdc_category_delete BEFORE DELETE ON category FOR EACH ROW BEGIN
UPDATE suboperation SET r_category_id=OLD.rd_category_id WHERE rd_category_id=OLD.id; END;
explain
SELECT TOTAL(f_CURRENTAMOUNT), d_DATEMONTH
FROM v_operation_display
WHERE d_DATEMONTH IN ('2012-05', '2012-04')
group by d_DATEMONTH, t_TYPEEXPENSE;
}
} /* Goto .*/

# The next test requires FTS4
ifcapable !fts3 {
finish_test
return
}
# Taken from the gnome-shell project

```
#
db close
forcedelete test.db
sqlite3 db test.db
do_test fuzz-oss1-gnomeshell {
    db eval {
        CREATE TABLE Resource (ID INTEGER NOT NULL PRIMARY KEY, Uri TEXT NOT NULL, UNIQUE (Uri));
        CREATE VIRTUAL TABLE fts USING fts4;
        CREATE TABLE "mfo:Action" (ID INTEGER NOT NULL PRIMARY KEY);
        CREATE TABLE "mfo:Enclosure" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:remoteLink" INTEGER, "mfo:remoteLink:graph" INTEGER, "mfo:groupId" INTEGER, "mfo:groupId:graph" INTEGER, "mfo:localLink" INTEGER, "mfo:localLink:graph" INTEGER, "mfo:optional" INTEGER, "mfo:optional:graph" INTEGER);
        CREATE TABLE "mfo:FeedElement" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:image" TEXT COLLATE NOCASE, "mfo:image:graph" INTEGER, "mfo:feedSettings" INTEGER, "mfo:feedSettings:graph" INTEGER);
        CREATE TABLE "mfo:FeedMessage" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:downloadedTime" INTEGER, "mfo:downloadedTime:graph" INTEGER, "mfo:downloadedTime:localDate" INTEGER, "mfo:downloadedTime:localTime" INTEGER);
        CREATE TABLE "mfo:FeedMessage_mfo:enclosureList" (ID INTEGER NOT NULL, "mfo:enclosureList" INTEGER NOT NULL, "mfo:enclosureList:graph" INTEGER);
        CREATE TABLE "mfo:FeedType" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:name" TEXT COLLATE NOCASE, "mfo:name:graph" INTEGER);
        CREATE TABLE "mlo:GeoBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY);
        CREATE TABLE "mlo:GeoBoundingBox_mlo:bbNorthWest" (ID INTEGER NOT NULL, "mlo:bbNorthWest" INTEGER NOT NULL, "mlo:bbNorthWest:graph" INTEGER);
        CREATE TABLE "mlo:GeoBoundingBox_mlo:bbSouthEast" (ID INTEGER NOT NULL, "mlo:bbSouthEast" INTEGER NOT NULL, "mlo:bbSouthEast:graph" INTEGER);
```

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CREATE TABLE "mlo:GeoLocation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoLocation_mlo:asBoundingBox" (ID INTEGER NOT NULL, "mlo:asBoundingBox" INTEGER NOT NULL, "mlo:asBoundingBox:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asGeoPoint" (ID INTEGER NOT NULL, "mlo:asGeoPoint" INTEGER NOT NULL, "mlo:asGeoPoint:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asPostalAddress" (ID INTEGER NOT NULL, "mlo:asPostalAddress" INTEGER NOT NULL, "mlo:asPostalAddress:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoPoint_mlo:address" (ID INTEGER NOT NULL, "mlo:address" TEXT NOT NULL, "mlo:address:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:altitude" (ID INTEGER NOT NULL, "mlo:altitude" REAL NOT NULL, "mlo:altitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:city" (ID INTEGER NOT NULL, "mlo:city" TEXT NOT NULL, "mlo:city:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:country" (ID INTEGER NOT NULL, "mlo:country" TEXT NOT NULL, "mlo:country:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:latitude" (ID INTEGER NOT NULL, "mlo:latitude" REAL NOT NULL, "mlo:latitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:longitude" (ID INTEGER NOT NULL, "mlo:longitude" REAL NOT NULL, "mlo:longitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:state" (ID INTEGER NOT NULL, "mlo:state" TEXT NOT NULL, "mlo:state:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:timestamp" (ID INTEGER NOT NULL, "mlo:timestamp" INTEGER NOT NULL, "mlo:timestamp:graph" INTEGER, "mlo:timestamp:localDate" INTEGER NOT NULL, "mlo:timestamp:localTime" INTEGER NOT NULL);
CREATE TABLE "mlo:GeoSphere" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoSphere_mlo:radius" (ID INTEGER NOT NULL, "mlo:radius" REAL NOT NULL, "mlo:radius:graph" INTEGER);
CREATE TABLE "mlo:Landmark" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LandmarkCategory" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LandmarkCategory_mlo:isRemovable" (ID INTEGER NOT NULL, "mlo:isRemovable" INTEGER NOT NULL, "mlo:isRemovable:graph" INTEGER);
CREATE TABLE "mlo:Landmark_mlo:belongsToCategory" (ID INTEGER NOT NULL, "mlo:belongsToCategory" INTEGER NOT NULL, "mlo:belongsToCategory:graph" INTEGER);
CREATE TABLE "mlo:Landmark_mlo:poiLocation" (ID INTEGER NOT NULL, "mlo:poiLocation" INTEGER NOT NULL, "mlo:poiLocation:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxEastLimit" (ID INTEGER NOT NULL, "mlo:boxEastLimit" INTEGER NOT NULL, "mlo:boxEastLimit:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID INTEGER NOT NULL, "mlo:boxNorthLimit" INTEGER NOT NULL, "mlo:boxNorthLimit:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID INTEGER NOT NULL, "mlo:boxSouthWestCorner" INTEGER NOT NULL, "mlo:boxSouthWestCorner:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID INTEGER NOT NULL, "mlo:boxVerticalLimit" INTEGER NOT NULL, "mlo:boxVerticalLimit:graph" INTEGER);
CREATE TABLE "mlo:PointOfInterest" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:Route" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:Route_mlo:endTime" (ID INTEGER NOT NULL, "mlo:endTime" INTEGER NOT NULL, "mlo:endTime:graph" INTEGER, "mlo:endTime:localDate" INTEGER NOT NULL, "mlo:endTime:localTime" INTEGER NOT NULL);
CREATE TABLE "mlo:Route_mlo:routeDetails" (ID INTEGER NOT NULL, "mlo:routeDetails" TEXT NOT NULL, "mlo:routeDetails:graph" INTEGER);
CREATE TABLE "mlo:Route_mlo:startTime" (ID INTEGER NOT NULL, "mlo:startTime" INTEGER NOT NULL, "mlo:startTime:graph" INTEGER, "mlo:startTime:localDate" INTEGER NOT NULL, "mlo:startTime:localTime" INTEGER NOT NULL);
CREATE TABLE "mlo:Route_mlo:routeDetails" (ID INTEGER NOT NULL, "mlo:routeDetails" TEXT NOT NULL, "mlo:routeDetails:graph" INTEGER);
CREATE TABLE "mto:TransferMethod" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:Transfer_mto:transferList" (ID INTEGER NOT NULL, "mto:transferList" INTEGER NOT NULL, "mto:transferList:graph" INTEGER);
CREATE TABLE "mto:Transfer_mto:transferPrivacyLevel" (ID INTEGER NOT NULL, "mto:transferPrivacyLevel" TEXT NOT NULL, "mto:transferPrivacyLevel:graph" INTEGER);
CREATE TABLE "mto:DownloadTransfer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:State" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:SyncTransfer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:UploadTransfer" (ID INTEGER NOT NULL PRIMARY KEY, "mto:transferCategory" TEXT NOT NULL, "mto:transferCategory:graph" INTEGER);
CREATE TABLE "ncal:CalendarDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarScale" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Calendar_ncal:component" (ID INTEGER NOT NULL,
"ncal:component" INTEGER NOT NULL, "ncal:component:graph" INTEGER);
CREATE TABLE "ncal:Event" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:eventStatus" INTEGER, "ncal:eventStatus:graph" INTEGER,
"ncal:transp" INTEGER, "ncal:transp:graph" INTEGER);
CREATE TABLE "ncal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:FreebusyPeriod" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:fbtype" INTEGER, "ncal:fbtype:graph" INTEGER);
CREATE TABLE "ncal:FreebusyType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy_ncal:freebusy" (ID INTEGER NOT NULL,
"ncal:freebusy" INTEGER NOT NULL, "ncal:freebusy:graph" INTEGER);
CREATE TABLE "ncal:Journal" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:journalStatus" INTEGER, "ncal:journalStatus:graph" INTEGER);
CREATE TABLE "ncal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:NcalDateTime" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:ncalTimezone" INTEGER, "ncal:ncalTimezone:graph" INTEGER,
"ncal:date" INTEGER, "ncal:date:graph" INTEGER, "ncal:date:localDate" INTEGER,
"ncal:date:localTime" INTEGER, "ncal:dateTime" INTEGER,
"ncal:dateTime:graph" INTEGER, "ncal:dateTime:localDate" INTEGER,
"ncal:dateTime:localTime" INTEGER);
CREATE TABLE "ncal:NcalPeriod" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:periodBegin" INTEGER, "ncal:periodBegin:graph" INTEGER,
"ncal:periodBegin:localDate" INTEGER, "ncal:periodBegin:localTime" INTEGER,
"ncal:periodDuration" INTEGER, "ncal:periodDuration:graph" INTEGER,
"ncal:periodEnd" INTEGER, "ncal:periodEnd:graph" INTEGER,
"ncal:periodEnd:localDate" INTEGER, "ncal:periodEnd:localTime" INTEGER);
CREATE TABLE "ncal:NcalTimeEntity" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Organizer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:ParticipationStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceFrequency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceIdentifier" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:range" INTEGER, "ncal:range:graph" INTEGER,
"ncal:recurrenceIdDateTime" INTEGER, "ncal:recurrenceIdDateTime:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceIdentifierRange" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceRule" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:until" INTEGER, "ncal:until:graph" INTEGER,
"ncal:until:localDate" INTEGER, "ncal:until:localTime" INTEGER,
"ncal:wkst" INTEGER, "ncal:wkst:graph" INTEGER, "ncal:interval" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:byday" (ID INTEGER NOT NULL, "ncal:byday" INTEGER NOT NULL, "ncal:byday:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:byhour" (ID INTEGER NOT NULL, "ncal:byhour" INTEGER NOT NULL, "ncal:byhour:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:byminute" (ID INTEGER NOT NULL, "ncal:byminute" INTEGER NOT NULL, "ncal:byminute:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:bymonth" (ID INTEGER NOT NULL, "ncal:bymonth" INTEGER NOT NULL, "ncal:bymonth:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:bymonthday" (ID INTEGER NOT NULL, "ncal:bymonthday" INTEGER NOT NULL, "ncal:bymonthday:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:bysecond" (ID INTEGER NOT NULL, "ncal:bysecond" INTEGER NOT NULL, "ncal:bysecond:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:bysetpos" (ID INTEGER NOT NULL, "ncal:bysetpos" INTEGER NOT NULL, "ncal:bysetpos:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:byweekno" (ID INTEGER NOT NULL, "ncal:byweekno" INTEGER NOT NULL, "ncal:byweekno:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule(ncal:byyearday" (ID INTEGER NOT NULL, "ncal:byyearday" INTEGER NOT NULL, "ncal:byyearday:graph" INTEGER);
CREATE TABLE "ncal:RequestStatus" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:statusDescription" TEXT COLLATE NOCASE, "ncal:statusDescription:graph" INTEGER, "ncal:returnStatus" TEXT COLLATE NOCASE, "ncal:returnStatus:graph" INTEGER, "ncal:requestStatusData" TEXT COLLATE NOCASE, "ncal:requestStatusData:graph" INTEGER);
CREATE TABLE "ncal:TimeTransparency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:TimezoneObservance" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:tzoffsetfrom" TEXT COLLATE NOCASE, "ncal:tzoffsetfrom:graph" INTEGER, "ncal:tzoffsetto" TEXT COLLATE NOCASE, "ncal:tzoffsetto:graph" INTEGER, "ncal:tzname" TEXT COLLATE NOCASE, "ncal:tzname:graph" INTEGER);
CREATE TABLE "ncal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Trigger" (ID INTEGER NOT NULL PRIMARY KEY,
CREATE TABLE `ncal:TriggerRelation` (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE `ncal:UnionParentClass` (ID INTEGER NOT NULL PRIMARY KEY,
  "ncal:lastModified" INTEGER, "ncal:lastModified:graph" INTEGER,
  "ncal:lastModified:localDate" INTEGER, "ncal:lastModified:localTime" INTEGER,
  "ncal:trigger" INTEGER, "ncal:trigger:graph" INTEGER,
  "ncal:created" INTEGER, "ncal:created:graph" INTEGER,
  "ncal:created:localDate" INTEGER, "ncal:created:localTime" INTEGER,
  "ncal:url" INTEGER, "ncal:url:graph" INTEGER, "ncal:comment" TEXT COLLATE NOCASE,
  "ncal:comment:graph" INTEGER, "ncal:summaryAltRep" INTEGER,
  "ncal:summaryAltRep:graph" INTEGER, "ncal:priority" INTEGER,
  "ncal:priority:graph" INTEGER, "ncal:location" TEXT COLLATE NOCASE,
  "ncal:location:graph" INTEGER, "ncal:uid" TEXT COLLATE NOCASE,
  "ncal:uid:graph" INTEGER, "ncal:requestStatus" INTEGER,
  "ncal:requestStatus:graph" INTEGER, "ncal:recurrenceId" INTEGER,
  "ncal:recurrenceId:graph" INTEGER, "ncal:dtstamp" INTEGER,
  "ncal:dtstamp:graph" INTEGER, "ncal:dtstamp:localDate" INTEGER,
  "ncal:dtstamp:localTime" INTEGER, "ncal:class" INTEGER,
  "ncal:class:graph" INTEGER, "ncal:organizer" INTEGER,
  "ncal:organizer:graph" INTEGER, "ncal:dtend" INTEGER,
  "ncal:dtend:graph" INTEGER, "ncal:summary" TEXT COLLATE NOCASE,
  "ncal:summary:graph" INTEGER, "ncal:descriptionAltRep" INTEGER,
  "ncal:descriptionAltRep:graph" INTEGER, "ncal:sequence" INTEGER,
  "ncal:sequence:graph" INTEGER, "ncal:contact" TEXT COLLATE NOCASE,
  "ncal:contact:graph" INTEGER, "ncal:contactAltRep" INTEGER,
  "ncal:contactAltRep:graph" INTEGER, "ncal:locationAltRep" INTEGER,
  "ncal:locationAltRep:graph" INTEGER, "ncal:geo" INTEGER,
  "ncal:geo:graph" INTEGER, "ncal:resourcesAltRep" INTEGER,
  "ncal:resourcesAltRep:graph" INTEGER, "ncal:dtstart" INTEGER,
  "ncal:dtstart:graph" INTEGER, "ncal:description" TEXT COLLATE NOCASE,
  "ncal:description:graph" INTEGER, "ncal:relatedToSibling" TEXT COLLATE NOCASE,
  "ncal:relatedToSibling:graph" INTEGER, "ncal:duraition" INTEGER,
  "ncal:duraition:graph" INTEGER);
CREATE TABLE `ncal:UnionParentClass_ncal:attach` (ID INTEGER NOT NULL,
  "ncal:attach" INTEGER NOT NULL, "ncal:attach:graph" INTEGER);
CREATE TABLE `ncal:UnionParentClass_ncal:attendee` (ID INTEGER NOT NULL,
  "ncal:attendee" INTEGER NOT NULL, "ncal:attendee:graph" INTEGER);
CREATE TABLE `ncal:UnionParentClass_ncal:categories` (ID INTEGER NOT NULL,
  "ncal:categories" TEXT NOT NULL, "ncal:categories:graph" INTEGER);
CREATE TABLE `ncal:UnionParentClass_ncal:exdate` (ID INTEGER NOT NULL,
  "ncal:exdate" INTEGER NOT NULL, "ncal:exdate:graph" INTEGER);
<p>| CREATE TABLE &quot;ncal:UnionParentClass_ncal:exrule&quot; (ID INTEGER NOT NULL, &quot;ncal:exrule&quot; INTEGER NOT NULL, &quot;ncal:exrule:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:hasAlarm&quot; (ID INTEGER NOT NULL, &quot;ncal:hasAlarm&quot; INTEGER NOT NULL, &quot;ncal:hasAlarm:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:ncalRelation&quot; (ID INTEGER NOT NULL, &quot;ncal:ncalRelation&quot; TEXT NOT NULL, &quot;ncal:ncalRelation:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:rdate&quot; (ID INTEGER NOT NULL, &quot;ncal:rdate&quot; INTEGER NOT NULL, &quot;ncal:rdate:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:relatedToChild&quot; (ID INTEGER NOT NULL, &quot;ncal:relatedToChild&quot; TEXT NOT NULL, &quot;ncal:relatedToChild:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:relatedToParent&quot; (ID INTEGER NOT NULL, &quot;ncal:relatedToParent&quot; TEXT NOT NULL, &quot;ncal:relatedToParent:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:resources&quot; (ID INTEGER NOT NULL, &quot;ncal:resources&quot; TEXT NOT NULL, &quot;ncal:resources:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:UnionParentClass_ncal:rrule&quot; (ID INTEGER NOT NULL, &quot;ncal:rrule&quot; INTEGER NOT NULL, &quot;ncal:rrule:graph&quot; INTEGER); |
| CREATE TABLE &quot;ncal:Weekday&quot; (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE &quot;nco:Affiliation&quot; (ID INTEGER NOT NULL PRIMARY KEY, &quot;nco:department&quot; TEXT COLLATE NOCASE, &quot;nco:department:graph&quot; INTEGER, &quot;nco:org&quot; INTEGER, &quot;nco:org:graph&quot; INTEGER, &quot;nco:role&quot; TEXT COLLATE NOCASE, &quot;nco:role:graph&quot; INTEGER); |
| CREATE TABLE &quot;nco:Affiliation_nco:title&quot; (ID INTEGER NOT NULL, &quot;nco:title&quot; TEXT NOT NULL, &quot;nco:title:graph&quot; INTEGER); |
| CREATE TABLE &quot;nco:AuthorizationStatus&quot; (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE &quot;nco:BbsNumber&quot; (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE &quot;nco:CellPhoneNumber&quot; (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE &quot;nco:ContactGroup&quot; (ID INTEGER NOT NULL PRIMARY KEY, &quot;nco:contactGroupName&quot; TEXT COLLATE NOCASE, &quot;nco:contactGroupName:graph&quot; INTEGER); |
| CREATE TABLE &quot;nco:ContactList&quot; (ID INTEGER NOT NULL PRIMARY KEY); |
| CREATE TABLE &quot;nco:ContactListDataObject&quot; (ID INTEGER NOT NULL PRIMARY KEY); |</p>
<table>
<thead>
<tr>
<th>Table Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>nco:ContactList_nco:containsContact</code></td>
<td>(ID INTEGER NOT NULL, &quot;nco:containsContact&quot; INTEGER NOT NULL, &quot;nco:containsContact:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:ContactMedium</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY, &quot;nco:contactMediumComment&quot; TEXT COLLATE NOCASE, &quot;nco:contactMediumComment:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contact_nca:anniversary</code></td>
<td>(ID INTEGER NOT NULL, &quot;nca:anniversary&quot; INTEGER NOT NULL, &quot;nca:anniversary:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contact_nca:birthday</code></td>
<td>(ID INTEGER NOT NULL, &quot;nca:birthday&quot; INTEGER NOT NULL, &quot;nca:birthday:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contact_nca:belongsToGroup</code></td>
<td>(ID INTEGER NOT NULL, &quot;nca:belongsToGroup&quot; INTEGER NOT NULL, &quot;nca:belongsToGroup:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contact_nca:note</code></td>
<td>(ID INTEGER NOT NULL, &quot;nca:note&quot; TEXT NOT NULL, &quot;nca:note:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contactscal:anniversary</code></td>
<td>(ID INTEGER NOT NULL, &quot;scal:anniversary&quot; INTEGER NOT NULL, &quot;scal:anniversary:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:Contactscal:birthday</code></td>
<td>(ID INTEGER NOT NULL, &quot;scal:birthday&quot; INTEGER NOT NULL, &quot;scal:birthday:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:DomesticDeliveryAddress</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td><code>nco:EmailAddress</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY, &quot;nco:emailAddress&quot; TEXT COLLATE NOCASE UNIQUE, &quot;nco:emailAddress:graph&quot; INTEGER)</td>
</tr>
<tr>
<td><code>nco:FaxNumber</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td><code>nco:Gender</code></td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td><code>nco:IMAccount_nco:hasIMContact</code></td>
<td>(ID INTEGER NOT NULL, &quot;nco:hasIMContact&quot; INTEGER NOT NULL, &quot;nco:hasIMContact:graph&quot; INTEGER)</td>
</tr>
</tbody>
</table>
CREATE TABLE "nco:IMAddress_nco:imCapability" (ID INTEGER NOT NULL, "nco:imCapability" INTEGER NOT NULL, "nco:imCapability:graph" INTEGER);
CREATE TABLE "nco:IMCapability" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:InternationalDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:IsdnNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:MessagingNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ModemNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:OrganizationContact" (ID INTEGER NOT NULL PRIMARY KEY, "nco:logo" INTEGER, "nco:logo:graph" INTEGER);
CREATE TABLE "nco:PagerNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ParcelDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:PcsNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:PersonContact_nco:hasAffiliation" (ID INTEGER NOT NULL, "nco:hasAffiliation" INTEGER NOT NULL, "nco:hasAffiliation:graph" INTEGER);
CREATE TABLE "nco:PhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY, "nco:phoneNumber" TEXT COLLATE NOCASE, "nco:phoneNumber:graph" INTEGER);
CREATE TABLE "nco:PresenceStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:Role" (ID INTEGER NOT NULL PRIMARY KEY, "nco:video" INTEGER, "nco:video:graph" INTEGER);
CREATE TABLE "nco:Role_nco:blogUrl" (ID INTEGER NOT NULL,
CREATE TABLE "nco:blogUrl" (ID INTEGER NOT NULL, "nco:blogUrl" INTEGER NOT NULL, "nco:blogUrl:graph" INTEGER);
CREATE TABLE "nco:Role_nco:foafUrl" (ID INTEGER NOT NULL, "nco:foafUrl" INTEGER NOT NULL, "nco:foafUrl:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasContactMedium" (ID INTEGER NOT NULL, "nco:hasContactMedium" INTEGER NOT NULL, "nco:hasContactMedium:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasEmailAddress" (ID INTEGER NOT NULL, "nco:hasEmailAddress" INTEGER NOT NULL, "nco:hasEmailAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasIMAddress" (ID INTEGER NOT NULL, "nco:hasIMAddress" INTEGER NOT NULL, "nco:hasIMAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPhoneNumber" (ID INTEGER NOT NULL, "nco:hasPhoneNumber" INTEGER NOT NULL, "nco:hasPhoneNumber:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPostalAddress" (ID INTEGER NOT NULL, "nco:hasPostalAddress" INTEGER NOT NULL, "nco:hasPostalAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:url" (ID INTEGER NOT NULL, "nco:url" INTEGER NOT NULL, "nco:url:graph" INTEGER);
CREATE TABLE "nco:Role_nco:websiteUrl" (ID INTEGER NOT NULL, "nco:websiteUrl" INTEGER NOT NULL, "nco:websiteUrl:graph" INTEGER);
CREATE TABLE "nco:VideoTelephoneNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:VoicePhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY, "nco:voiceMail" INTEGER, "nco:voiceMail:graph" INTEGER);
CREATE TABLE "nfo:Application" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Archive" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:uncompressedSize" INTEGER, "nfo:uncompressedSize:graph" INTEGER);
CREATE TABLE "nfo:ArchiveItem" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:isPasswordProtected" INTEGER, "nfo:isPasswordProtected:graph" INTEGER);
CREATE TABLE "nfo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Bookmark" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:bookmarks" INTEGER, "nfo:bookmarks:graph" INTEGER, "nfo:characterPosition" INTEGER, "nfo:characterPosition:graph" INTEGER);
CREATE TABLE "nfo:FilesystemImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Folder" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Font" (ID INTEGER NOT NULL PRIMARY KEY,
  "nfo:fontFamily" TEXT COLLATE NOCASE, "nfo:fontFamily:graph" INTEGER,
  "nfo:foundry" INTEGER, "nfo:foundry:graph" INTEGER);
CREATE TABLE "nfo:HardDiskPartition" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:HelpDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:HtmlDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Icon" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Image" (ID INTEGER NOT NULL PRIMARY KEY,
  "nfo:verticalResolution" INTEGER, "nfo:verticalResolution:graph" INTEGER,
  "nfo:horizontalResolution" INTEGER, "nfo:horizontalResolution:graph" INTEGER);
CREATE TABLE "nfo:Image_nfo:depicts" (ID INTEGER NOT NULL,
  "nfo:depicts" INTEGER NOT NULL, "nfo:depicts:graph" INTEGER);
CREATE TABLE "nfo:Image_nfo:hasRegionOfInterest" (ID INTEGER NOT NULL,
  "nfo:hasRegionOfInterest" INTEGER NOT NULL,
  "nfo:hasRegionOfInterest:graph" INTEGER);
CREATE TABLE "nfo:Media" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:count" INTEGER,
  "nfo:count:graph" INTEGER, "nfo:duration" INTEGER,
  "nfo:duration:graph" INTEGER, "nfo:compressionType" INTEGER,
  "nfo:compressionType:graph" INTEGER, "nfo:hasMediaStream" INTEGER,
  "nfo:hasMediaStream:graph" INTEGER, "nfo:bitDepth" INTEGER,
  "nfo:bitDepth:graph" INTEGER, "nfo:codec" TEXT COLLATE NOCASE,
  "nfo:codec:graph" INTEGER, "nfo:encodedBy" TEXT COLLATE NOCASE,
  "nfo:encodedBy:graph" INTEGER, "nfo:bitrateType" TEXT COLLATE NOCASE,
  "nfo:bitrateType:graph" INTEGER, "nfo:averageBitrate" REAL,
  "nfo:averageBitrate:graph" INTEGER, "nfo:genre" TEXT COLLATE NOCASE,
  "nfo:genre:graph" INTEGER, "nfo:equipment" INTEGER,
  "nfo:equipment:graph" INTEGER, "nfo:lastPlayedPosition" INTEGER,
  "nfo:lastPlayedPosition:graph" INTEGER, "nmm:genre" TEXT COLLATE NOCASE,
  "nmm:genre:graph" INTEGER, "nmm:skipCounter" INTEGER,
  "nmm:skipCounter:graph" INTEGER, "nmm:dlnaProfile" TEXT COLLATE NOCASE,
  "nmm:dlnaProfile:graph" INTEGER, "nmm:dlnaMime" TEXT COLLATE NOCASE,
  "nmm:dlnaMime:graph" INTEGER, "nmm:uPnPShared" INTEGER,
  "nmm:uPnPShared:graph" INTEGER, "mtp:credits" TEXT COLLATE NOCASE,
  "mtp:credits:graph" INTEGER, "mtp:creator" TEXT COLLATE NOCASE,
  "mtp:creator:graph" INTEGER);
CREATE TABLE "nfo:MediaFileListEntry" (ID INTEGER NOT NULL PRIMARY KEY,
  "nfo:listPosition" REAL, "nfo:listPosition:graph" INTEGER,
  "nfo:entryUrl" TEXT COLLATE NOCASE, "nfo:entryUrl:graph" INTEGER);
CREATE TABLE "nfo:MediaList" (ID INTEGER NOT NULL PRIMARY KEY,
  "nfo:entryCounter" INTEGER, "nfo:entryCounter:graph" INTEGER,
  "nfo:listDuration" INTEGER, "nfo:listDuration:graph" INTEGER);
CREATE TABLE "nfo:MediaList_nfo:hasMediaFileListEntry" (ID INTEGER NOT NULL,
  "nfo:hasMediaFileListEntry" INTEGER NOT NULL,
  "nfo:hasMediaFileListEntry:graph" INTEGER);
CREATE TABLE "nmm:MusicPiece_nmm:lyrics" (ID INTEGER NOT NULL, "nmm:lyrics" INTEGER NOT NULL, "nmm:lyrics:graph" INTEGER);
CREATE TABLE "nmm:Playlist" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioModulation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioStation" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:radioIcon" INTEGER, "nmm:radioIcon:graph" INTEGER, "nmm:radioPTY" INTEGER, "nmm:radioPTY:graph" INTEGER);
CREATE TABLE "nmm:RadioStation_nmm:carrier" (ID INTEGER NOT NULL, "nmm:carrier" INTEGER NOT NULL, "nmm:carrier:graph" INTEGER);
CREATE TABLE "nmm:SynchronizedText" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:isForHearingImpaired" INTEGER, "nmm:isForHearingImpaired:graph" INTEGER);
CREATE TABLE "nmm:Video_mtp:scantype" (ID INTEGER NOT NULL, "mtp:scantype" INTEGER NOT NULL, "mtp:scantype:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:director" (ID INTEGER NOT NULL, "nmm:director" INTEGER NOT NULL, "nmm:director:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:leadActor" (ID INTEGER NOT NULL, "nmm:leadActor" INTEGER NOT NULL, "nmm:leadActor:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:subtitle" (ID INTEGER NOT NULL, "nmm:subtitle" INTEGER NOT NULL, "nmm:subtitle:graph" INTEGER);
CREATE TABLE "nmm:WhiteBalance" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Call" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:sentDate" INTEGER, "nmo:sentDate:graph" INTEGER, "nmo:sentDate:localDate" INTEGER, "nmo:sentDate:localTime" INTEGER, "nmo:duration" INTEGER, "nmo:duration:graph" INTEGER);
CREATE TABLE "nmo:CommunicationChannel" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:lastMessageDate" INTEGER, "nmo:lastMessageDate:graph" INTEGER, "nmo:lastMessageDate:localDate" INTEGER, "nmo:lastMessageDate:localTime" INTEGER, "nmo:lastSuccessfulMessageDate" INTEGER, "nmo:lastSuccessfulMessageDate:graph" INTEGER, "nmo:lastSuccessfulMessageDate:localDate" INTEGER, "nmo:lastSuccessfulMessageDate:localTime" INTEGER);
CREATE TABLE "nmo:Conversation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:DeliveryStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Email" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:hasContent" INTEGER, "nmo:hasContent:graph" INTEGER, "nmo:isFlagged" INTEGER, "nmo:isFlagged:graph" INTEGER, "nmo:isRecent" INTEGER, "nmo:isRecent:graph" INTEGER, "nmo:status" TEXT COLLATE NOCASE, "nmo:status:graph" INTEGER, "nmo:responseType" TEXT COLLATE NOCASE, "nmo:responseType:graph" INTEGER);
CREATE TABLE "nmo:Email_nmo:contentMimeType" (ID INTEGER NOT NULL, "nmo:contentMimeType" TEXT NOT NULL, "nmo:contentMimeType:graph" INTEGER);
CREATE TABLE "nmo:IMMessage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:MMSMessage" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:mmsHasContent" INTEGER, "nmo:mmsHasContent:graph" INTEGER);
CREATE TABLE "nmo:MailAccount" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:accountName" TEXT COLLATE NOCASE, "nmo:accountName:graph" INTEGER, "nmo:accountDisplayName" TEXT COLLATE NOCASE, "nmo:accountDisplayName:graph" INTEGER, "nmo:fromAddress" INTEGER, "nmo:fromAddress:graph" INTEGER, "nmo:signature" TEXT COLLATE NOCASE, "nmo:signature:graph" INTEGER);
CREATE TABLE "nmo:MailFolder" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:folderName" TEXT COLLATE NOCASE, "nmo:folderName:graph" INTEGER, "nmo:serverCount" INTEGER, "nmo:serverCount:graph" INTEGER);
CREATE TABLE "nmo:MailboxDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Message" (ID INTEGER NOT NULL PRIMARY KEY,
"nmo:sentDate" INTEGER, "nmo:sentDate:graph" INTEGER,
"nmo:from" INTEGER, "nmo:from:graph" INTEGER, "nmo:isAnswered" INTEGER, 
"nmo:isDeleted" INTEGER, 
"nmo:isDraft" INTEGER, 
"nmo:isRead" INTEGER, 
"nmo:isSent" INTEGER, 
"nmo:isEmergency" INTEGER, 
"nmo:htmlMessageContent" TEXT COLLATE NOCASE, 
"nmo:htmlMessageContent:graph" INTEGER, "nmo:messageId" TEXT COLLATE NOCASE, 
"nmo:messageId:graph" INTEGER, 
"nmo:messageSubject" TEXT COLLATE NOCASE, 
"nmo:messageSubject:graph" INTEGER, 
"nmo:receivedDate" INTEGER, "nmo:receivedDate:graph" INTEGER, 
"nmo:sender" INTEGER, 
"nmo:sender:graph" INTEGER, 
"nmo:conversation" INTEGER,
"nmo:conversation:graph" INTEGER,
"nmo:communicationChannel" INTEGER,
"nmo:communicationChannel:graph" INTEGER,
"nmo:deliveryStatus" INTEGER, "nmo:deliveryStatus:graph" INTEGER,
"nmo:reportDelivery" INTEGER, "nmo:reportDelivery:graph" INTEGER,
"nmo:mustAnswerReportRead" INTEGER, "nmo:mustAnswerReportRead:graph" INTEGER,
"nmo:mmsId" TEXT COLLATE NOCASE, 
"nmo:mmsId:graph" INTEGER);
CREATE TABLE "nmo:MessageHeader" (ID INTEGER NOT NULL PRIMARY KEY, 
"nmo:headerName" TEXT COLLATE NOCASE, 
"nmo:headerName:graph" INTEGER,
"nmo:headerValue" TEXT COLLATE NOCASE, 
"nmo:headerValue:graph" INTEGER, 
"nmo:mustAnswerReportRead" INTEGER, 
"nmo:mustAnswerReportRead:graph" INTEGER, 
"nmo:sender:graph" INTEGER, 
"nmo:sender:graph:graph" INTEGER, 
"nmo:conversation:graph" INTEGER, 
"nmo:conversation:graph:graph" INTEGER, 
"nmo:communicationChannel:graph" INTEGER, 
"nmo:communicationChannel:graph:graph" INTEGER, 
"nmo:deliveryStatus:graph" INTEGER, 
"nmo:deliveryStatus:graph:graph" INTEGER, 
"nmo:reportDelivery:graph" INTEGER, 
"nmo:reportDelivery:graph:graph" INTEGER, 
"nmo:mustAnswerReportRead:graph" INTEGER, 
"nmo:mustAnswerReportRead:graph:graph" INTEGER, 
"nmo:mmsId:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:bcc" (ID INTEGER NOT NULL, 
"nmo:bcc" INTEGER NOT NULL, 
"nmo:bcc:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:cc" (ID INTEGER NOT NULL, 
"nmo:cc" INTEGER NOT NULL, 
"nmo:cc:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:hasAttachment" (ID INTEGER NOT NULL, 
"nmo:hasAttachment" INTEGER NOT NULL, 
"nmo:hasAttachment:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:inReplyTo" (ID INTEGER NOT NULL, 
"nmo:inReplyTo" INTEGER NOT NULL, 
"nmo:inReplyTo:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:messageHeader" (ID INTEGER NOT NULL, 
"nmo:messageHeader" INTEGER NOT NULL, 
"nmo:messageHeader:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:recipient" (ID INTEGER NOT NULL, 
"nmo:recipient" INTEGER NOT NULL, 
"nmo:recipient:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:references" (ID INTEGER NOT NULL,
<table>
<thead>
<tr>
<th>Table Name</th>
<th>ID Type</th>
<th>Primary Key</th>
<th>Columns (with SQL comments)</th>
</tr>
</thead>
<tbody>
<tr>
<td>nmo:Message_nmo:to</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>(ID INTEGER NOT NULL, &quot;nmo:to&quot; INTEGER NOT NULL, &quot;nmo:to:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmo:Multipart</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:Multipart_nmo:partBoundary</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>(ID INTEGER NOT NULL, &quot;nmo:partBoundary&quot; TEXT NOT NULL, &quot;nmo:partBoundary:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmo:PermanentChannel</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:PhoneMessageFolder</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:PhoneMessageFolder_nmo:containsPhoneMessage</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>(ID INTEGER NOT NULL, &quot;nmo:containsPhoneMessage&quot; INTEGER NOT NULL, &quot;nmo:containsPhoneMessage:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>(ID INTEGER NOT NULL, &quot;nmo:containsPhoneMessageFolder&quot; INTEGER NOT NULL, &quot;nmo:containsPhoneMessageFolder:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmo:PhoneMessage_nmo:toVCard</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>(ID INTEGER NOT NULL, &quot;nmo:toVCard&quot; INTEGER NOT NULL, &quot;nmo:toVCard:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmo:ReportReadStatus</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:SMSMessage</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:TransientChannel</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nmo:VOIPCall</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nrl:InverseFunctionalProperty</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>osinfo:Installer</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>.poi:ObjectOfInterest</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>rdf:Property</td>
<td>INTEGER</td>
<td>NOT NULL</td>
<td>PRIMARY KEY</td>
</tr>
</tbody>
</table>
INTEGER, "tracker:weight" INTEGER, "tracker:weight:graph" INTEGER,
"tracker:defaultValu" TEXT COLLATE NOCASE,
"tracker:defaultValue:graph" INTEGER, "nrl:maxCardinality" INTEGER,
"nrl:maxCardinality:graph" INTEGER, "tracker:writeback" INTEGER,
"tracker:writeback:graph" INTEGER, "tracker:forceJournal" INTEGER,
"tracker:forceJournal:graph" INTEGER);
CREATE TABLE "rdfs:Property_rdfs:subPropertyOf" (ID INTEGER NOT NULL,
"rdfs:subPropertyOf" INTEGER NOT NULL, "rdfs:subPropertyOf:graph" INTEGER);
CREATE TABLE "rdfs:Property_rdfs:subPropertyOf" (ID INTEGER NOT NULL,
"rdfs:subClassOf" INTEGER NOT NULL, "rdfs:subClassOf:graph" INTEGER);
CREATE TABLE "rdfs:Class_rdfs:subClassOf" (ID INTEGER NOT NULL,
"rdfs:subClassOf" INTEGER NOT NULL, "rdfs:subClassOf:graph" INTEGER);
CREATE TABLE "rdfs:Class_tracker:domainIndex" (ID INTEGER NOT NULL,
"tracker:domainIndex" INTEGER NOT NULL, "tracker:domainIndex:graph" INTEGER);
CREATE TABLE "rdfs:Literal" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "rdfs:Resource" (ID INTEGER NOT NULL PRIMARY KEY,
Available INTEGER NOT NULL, "rdfs:comment" TEXT COLLATE NOCASE,
"rdfs:comment:graph" INTEGER, "rdfs:label" TEXT COLLATE NOCASE,
"rdfs:label:graph" INTEGER, "tracker:added" INTEGER,
"tracker:added:graph" INTEGER, "tracker:added:localDate" INTEGER,
"tracker:added:localTime" INTEGER, "tracker:modified" INTEGER,
"tracker:modified:graph" INTEGER, "tracker:damaged" INTEGER,
"tracker:damaged:graph" INTEGER, "dc:title" TEXT COLLATE NOCASE,
"dc:title:graph" INTEGER, "dc:creator" TEXT COLLATE NOCASE,
"dc:creator:graph" INTEGER, "dc:subject" TEXT COLLATE NOCASE,
"dc:subject:graph" INTEGER, "dc:description" TEXT COLLATE NOCASE,
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"dc:publisher:graph" INTEGER, "dc:type" TEXT COLLATE NOCASE,
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"dc:format:graph" INTEGER, "dc:identifier" TEXT COLLATE NOCASE,
"dc:identifier:graph" INTEGER, "dc:language" TEXT COLLATE NOCASE,
"dc:language:graph" INTEGER, "dc:coverage" TEXT COLLATE NOCASE,
"dc:coverage:graph" INTEGER, "dc:rights" TEXT COLLATE NOCASE,
"dc:rights:graph" INTEGER, "nao:identifier" TEXT COLLATE NOCASE,
"nao:identifier:graph" INTEGER, "nao:numericRating" REAL,
"nao:numericRating:graph" INTEGER, "nao:lastModified" INTEGER,
"nao:lastModified:graph" INTEGER, "nao:lastModified:localDate"
INTEGER, "nao:lastModified:localTime" INTEGER);
CREATE TABLE "rdfs:Resource_dc:contributor" (ID INTEGER NOT NULL,
"dc:contributor" TEXT NOT NULL, "dc:contributor:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:date" (ID INTEGER NOT NULL, "dc:date"
INTEGER NOT NULL, "dc:date:graph" INTEGER, "dc:date:localDate" INTEGER
NOT NULL, "dc:date:localTime" INTEGER NOT NULL);
CREATE TABLE "rdfs:Resource_dc:relation" (ID INTEGER NOT NULL,
"dc:relation" TEXT NOT NULL, "dc:relation:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:source" (ID INTEGER NOT NULL,
<table>
<thead>
<tr>
<th>Table Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>scal:AccessLevel</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:AttendanceStatus</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Attendee</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:AttendeeRole</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Attendee_scal:delegated-from</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Attendee_scal:delegated-to</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Attendee_scal:member</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Attendee_scal:sent-by</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:Calendar</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:CalendarAlarm</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:CalendarItem</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
<tr>
<td>scal:CalendarItem_scal:access</td>
<td>ID INTEGER NOT NULL PRIMARY KEY</td>
</tr>
</tbody>
</table>

For example, the table `scal:Attendee` is defined as:

```sql
```
CREATE TABLE "scal:CalendarItem_scal:attachment" (ID INTEGER NOT NULL, "scal:attachment" INTEGER NOT NULL, "scal:attachment:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:attendee" (ID INTEGER NOT NULL, "scal:attendee" INTEGER NOT NULL, "scal:attendee:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:belongsToCalendar" (ID INTEGER NOT NULL, "scal:belongsToCalendar" INTEGER NOT NULL, "scal:belongsToCalendar:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:contact" (ID INTEGER NOT NULL, "scal:contact" INTEGER NOT NULL, "scal:contact:graph" INTEGER);
CREATE TABLE "scal:CalendarItem_scal:rrule" (ID INTEGER NOT NULL, "scal:rrule" INTEGER NOT NULL, "scal:rrule:graph" INTEGER);
CREATE TABLE "scal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Event" (ID INTEGER NOT NULL PRIMARY KEY, "scal:eventStatus" INTEGER, "scal:eventStatus:graph" INTEGER);
CREATE TABLE "scal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Journal" (ID INTEGER NOT NULL PRIMARY KEY, "scal:journalStatus" INTEGER, "scal:journalStatus:graph" INTEGER);
CREATE TABLE "scal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RSVPValues" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RecurrenceRule" (ID INTEGER NOT NULL PRIMARY KEY, "scal:recurrencePattern" TEXT COLLATE NOCASE, "scal:recurrencePattern:graph" INTEGER, "scal:recurrenceStartDate" INTEGER, "scal:recurrenceStartDate:graph" INTEGER, "scal:exception" INTEGER, "scal:exception:graph" INTEGER);
CREATE TABLE "scal:TimePoint" (ID INTEGER NOT NULL PRIMARY KEY, "scal:dateTime" INTEGER, "scal:dateTime:graph" INTEGER, "scal:dateTime:localDate" INTEGER, "scal:dateTime:localTime" INTEGER, "scal:TimeZone" TEXT COLLATE NOCASE, "scal:TimeZone:graph" INTEGER);
CREATE TABLE "scal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:TransparencyValues" (ID INTEGER NOT NULL PRIMARY KEY);

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CREATE TABLE "slo:Landmark" (ID INTEGER NOT NULL PRIMARY KEY, "slo:iconUrl" INTEGER, "slo:iconUrl:graph" INTEGER);
CREATE TABLE "slo:LandmarkCategory" (ID INTEGER NOT NULL PRIMARY KEY, "slo:isRemovable" INTEGER, "slo:isRemovable:graph" INTEGER, "slo:categoryIconUrl" INTEGER, "slo:categoryIconUrl:graph" INTEGER);
CREATE TABLE "slo:Landmark_slo:belongsToCategory" (ID INTEGER NOT NULL, "slo:belongsToCategory" INTEGER NOT NULL, "slo:belongsToCategory:graph" INTEGER);
CREATE TABLE "slo:Landmark_slo:hasContact" (ID INTEGER NOT NULL, "slo:hasContact" INTEGER NOT NULL, "slo:hasContact:graph" INTEGER);
CREATE TABLE "slo:Route" (ID INTEGER NOT NULL PRIMARY KEY, "slo:startTime" INTEGER, "slo:startTime:graph" INTEGER, "slo:startTime:localDate" INTEGER, "slo:startTime:localTime" INTEGER, "slo:endTime" INTEGER, "slo:endTime:graph" INTEGER, "slo:endTime:localDate" INTEGER, "slo:endTime:localTime" INTEGER);
CREATE TABLE "slo:Route_slo:routeDetails" (ID INTEGER NOT NULL, "slo:routeDetails" TEXT NOT NULL, "slo:routeDetails:graph" INTEGER);
CREATE UNIQUE INDEX "mfo:FeedMessage_mfo:enclosureList_ID_ID" ON "mfo:FeedMessage_mfo:enclosureList" (ID, "mfo:enclosureList");
CREATE INDEX "mfo:FeedMessage_mfo:enclosureList_ID" ON "mfo:FeedMessage_mfo:enclosureList" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asPostalAddress" ("mlo:asPostalAddress", ID);
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:address_ID_ID" ON
"mlo:GeoPoint_mlo:address" (ID, "mlo:address");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:altitude_ID_ID" ON
"mlo:GeoPoint_mlo:altitude" (ID, "mlo:altitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:city_ID_ID" ON
"mlo:GeoPoint_mlo:city" (ID, "mlo:city");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:country_ID_ID" ON
"mlo:GeoPoint_mlo:country" (ID, "mlo:country");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:latitude_ID_ID" ON
"mlo:GeoPoint_mlo:latitude" (ID, "mlo:latitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:longitude_ID_ID" ON
"mlo:GeoPoint_mlo:longitude" (ID, "mlo:longitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:state_ID_ID" ON
"mlo:GeoPoint_mlo:state" (ID, "mlo:state");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:timestamp_ID_ID" ON
"mlo:GeoPoint_mlo:timestamp" (ID, "mlo:timestamp");
CREATE UNIQUE INDEX "mlo:GeoSphere_mlo:radius_ID_ID" ON
"mlo:GeoSphere_mlo:radius" (ID, "mlo:radius");
CREATE UNIQUE INDEX "mlo:LandmarkCategory_mlo:isRemovable_ID_ID" ON
"mlo:LandmarkCategory_mlo:isRemovable" (ID, "mlo:isRemovable");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:belongsToCategory_ID_ID" ON
"mlo:Landmark_mlo:belongsToCategory" (ID, "mlo:belongsToCategory");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:poiLocation_ID_ID" ON
"mlo:Landmark_mlo:poiLocation" (ID, "mlo:poiLocation");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxEastLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxEastLimit" (ID, "mlo:boxEastLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxNorthLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID, "mlo:boxNorthLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxSouthWestCorner_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID, "mlo:boxSouthWestCorner");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxVerticalLimit_ID_ID" ON
"mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID, "mlo:boxVerticalLimit");
CREATE UNIQUE INDEX "mlo:Route_mlo:endTime_ID_ID" ON
"mlo:Route_mlo:endTime" (ID, "mlo:endTime");
CREATE UNIQUE INDEX "mlo:Route_mlo:routeDetails_ID_ID" ON
"mlo:Route_mlo:routeDetails" (ID, "mlo:routeDetails");
CREATE UNIQUE INDEX "mlo:Route_mlo:startTime_ID_ID" ON
"mlo:Route_mlo:startTime" (ID, "mlo:startTime");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferList_ID_ID" ON
"mto:Transfer_mto:transferList" (ID, "mto:transferList");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferPrivacyLevel_ID_ID" ON
CREATE UNIQUE INDEX "mto:Transfer_mto:transferPrivacyLevel" (ID, "mto:transferPrivacyLevel");
CREATE UNIQUE INDEX "mto:UploadTransfer_mto:transferCategory_ID_ID" ON "mto:UploadTransfer_mto:transferCategory" (ID, "mto:transferCategory");
CREATE UNIQUE INDEX "nao:Tag_tracker:isDefaultTag_ID_ID" ON "nao:Tag_tracker:isDefaultTag" (ID, "tracker:isDefaultTag");
CREATE UNIQUE INDEX "nao:Tag_tracker:tagRelatedTo_ID_ID" ON "nao:Tag_tracker:tagRelatedTo" (ID, "tracker:tagRelatedTo");
CREATE UNIQUE INDEX "ncal:Alarm_ncal:action_ID_ID" ON "ncal:Alarm_ncal:action" (ID, "ncal:action");
CREATE UNIQUE INDEX "ncal:BydayRulePart_ncal:bydayModifier_ID_ID" ON "ncal:BydayRulePart_ncal:bydayModifier" (ID, "ncal:bydayModifier");
CREATE UNIQUE INDEX "ncal:Calendar_ncal:component_ID_ID" ON "ncal:Calendar_ncal:component" (ID, "ncal:component");
CREATE UNIQUE INDEX "ncal:Freebusy_ncal:freebusy_ID_ID" ON "ncal:Freebusy_ncal:freebusy" (ID, "ncal:freebusy");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byday_ID_ID" ON "ncal:RecurrenceRule_ncal:byday" (ID, "ncal:byday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byhour_ID_ID" ON "ncal:RecurrenceRule_ncal:byhour" (ID, "ncal:byhour");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byminute_ID_ID" ON "ncal:RecurrenceRule_ncal:byminute" (ID, "ncal:byminute");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonth_ID_ID" ON "ncal:RecurrenceRule_ncal:bymonth" (ID, "ncal:bymonth");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonthday_ID_ID" ON "ncal:RecurrenceRule_ncal:bymonthday" (ID, "ncal:bymonthday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysecond_ID_ID" ON "ncal:RecurrenceRule_ncal:bysecond" (ID, "ncal:bysecond");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysetpos_ID_ID" ON "ncal:RecurrenceRule_ncal:bysetpos" (ID, "ncal:bysetpos");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byweekno_ID_ID" ON "ncal:RecurrenceRule_ncal:byweekno" (ID, "ncal:byweekno");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byyearday_ID_ID" ON "ncal:RecurrenceRule_ncal:byyearday" (ID, "ncal:byyearday");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attach_ID_ID" ON "ncal:UnionParentClass_ncal:attach" (ID, "ncal:attach");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attendee_ID_ID" ON "ncal:UnionParentClass_ncal:attendee" (ID, "ncal:attendee");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:categories_ID_ID" ON "ncal:UnionParentClass_ncal:categories" (ID, "ncal:categories");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exdate_ID_ID" ON "ncal:UnionParentClass_ncal:exdate" (ID, "ncal:exdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exrule_ID_ID" ON "ncal:UnionParentClass_ncal:exrule" (ID, "ncal:exrule");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:hasAlarm_ID_ID" ON

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CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:hasAlarm" (ID, "ncal:hasAlarm");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:ncalRelation_ID_ID" ON "ncal:UnionParentClass_ncal:ncalRelation" (ID, "ncal:ncalRelation");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rdate_ID_ID" ON "ncal:UnionParentClass_ncal:rdate" (ID, "ncal:rdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToChild_ID_ID" ON "ncal:UnionParentClass_ncal:relatedToChild" (ID, "ncal:relatedToChild");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToParent_ID_ID" ON "ncal:UnionParentClass_ncal:relatedToParent" (ID, "ncal:relatedToParent");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:resources_ID_ID" ON "ncal:UnionParentClass_ncal:resources" (ID, "ncal:resources");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rrule_ID_ID" ON "ncal:UnionParentClass_ncal:rrule" (ID, "ncal:rrule");
CREATE UNIQUE INDEX "nco:Affiliation_nco:title_ID_ID" ON "nco:Affiliation_nco:title" (ID, "nco:title");
CREATE UNIQUE INDEX "nco:ContactList_nco:containsContact_ID_ID" ON "nco:ContactList_nco:containsContact" (ID, "nco:containsContact");
CREATE UNIQUE INDEX "nco:Contact_ncal:anniversary_ID_ID" ON "nco:Contact_ncal:anniversary" (ID, "ncal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_ncal:birthday_ID_ID" ON "nco:Contact_ncal:birthday" (ID, "ncal:birthday");
CREATE UNIQUE INDEX "nco:Contact_nco:belongsToGroup_ID_ID" ON "nco:Contact_nco:belongsToGroup" (ID, "nco:belongsToGroup");
CREATE UNIQUE INDEX "nco:Contact_nco:note_ID_ID" ON "nco:Contact_nco:note" (ID, "nco:note");
CREATE UNIQUE INDEX "nco:Contact_scal:anniversary_ID_ID" ON "nco:Contact_scal:anniversary" (ID, "scal:anniversary");
CREATE UNIQUE INDEX "nco:IMAccount_nco:hasIMContact_ID_ID" ON "nco:IMAccount_nco:hasIMContact" (ID, "nco:hasIMContact");
CREATE UNIQUE INDEX "nco:IMAddress_nco:imCapability_ID_ID" ON "nco:IMAddress_nco:imCapability" (ID, "nco:imCapability");
CREATE UNIQUE INDEX "nco:PersonContact_nco:hasAffiliation_ID_ID" ON "nco:PersonContact_nco:hasAffiliation" (ID, "nco:hasAffiliation");
CREATE INDEX "nco:PersonContact_nco:nameFamily" ON "nco:PersonContact" ("nco:nameFamily");
CREATE INDEX "nco:PhoneNumber_nco:phoneNumber" ON "nco:PhoneNumber" ("nco:phoneNumber");
CREATE UNIQUE INDEX "nco:Role_nco:blogUrl_ID_ID" ON "nco:Role_nco:blogUrl" (ID, "nco:blogUrl");
CREATE UNIQUE INDEX "nco:Role_nco:foafUrl_ID_ID" ON "nco:Role_nco:foafUrl" (ID, "nco:foafUrl");
CREATE UNIQUE INDEX "nco:Role_nco:hasContactMedium_ID_ID" ON "nco:Role_nco:hasContactMedium" (ID, "nco:hasContactMedium");
CREATE INDEX "nco:Role_nco:hasEmailAddress_ID" ON
CREATE UNIQUE INDEX "nco:Role_nco:hasEmailAddress_ID_ID" ON "nco:Role_nco:hasEmailAddress" (ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasEmailAddress" ("nco:hasEmailAddress", ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasIMAddress_ID_ID" ON "nco:Role_nco:hasIMAddress" (ID, "nco:hasIMAddress");
CREATE UNIQUE INDEX "nco:Role_nco:hasPhoneNumber_ID_ID" ON "nco:Role_nco:hasPhoneNumber" (ID, "nco:hasPhoneNumber");
CREATE INDEX "nco:Role_nco:hasPostalAddress_ID" ON "nco:Role_nco:hasPostalAddress" (ID);
CREATE UNIQUE INDEX "nco:Role_nco:hasPostalAddress_ID_ID" ON "nco:Role_nco:hasPostalAddress" ("nco:hasPostalAddress", ID);
CREATE UNIQUE INDEX "nco:Role_nco:url_ID_ID" ON "nco:Role_nco:url" (ID, "nco:url");
CREATE UNIQUE INDEX "nco:Role_nco:websiteUrl_ID_ID" ON "nco:Role_nco:websiteUrl" (ID, "nco:websiteUrl");
CREATE INDEX "nfo:BookmarkFolder_nfo:containsBookmarkFolder_ID" ON "nfo:BookmarkFolder_nfo:containsBookmarkFolder" (ID, "nfo:containsBookmarkFolder");
CREATE UNIQUE INDEX "nfo:BookmarkFolder_nfo:containsBookmark_ID_ID" ON "nfo:BookmarkFolder_nfo:containsBookmark" (ID, "nfo:containsBookmark");
CREATE UNIQUE INDEX "nfo:FileDataObject_nfo:fileLastModified" ON "nfo:FileDataObject" ("nfo:fileLastModified");
CREATE UNIQUE INDEX "nfo:Image_nfo:depicts_ID_ID" ON "nfo:Image_nfo:depicts" (ID, "nfo:depicts");
CREATE UNIQUE INDEX "nfo:Image_nfo:hasRegionOfInterest_ID_ID" ON "nfo:Image_nfo:hasRegionOfInterest" (ID, "nfo:hasRegionOfInterest");
CREATE UNIQUE INDEX "nfo:MediaList_nfo:hasMediaFileListEntry_ID_ID" ON "nfo:MediaList_nfo:hasMediaFileListEntry" (ID, "nfo:hasMediaFileListEntry");
CREATE UNIQUE INDEX "nfo:MediaList_nfo:mediaListEntry_ID_ID" ON "nfo:MediaList_nfo:mediaListEntry" (ID, "nfo:mediaListEntry");
CREATE UNIQUE INDEX "nfo:Media_mtp:hidden_ID_ID" ON "nfo:Media_mtp:hidden" (ID, "mtp:hidden");
CREATE UNIQUE INDEX "nfo:Media_nmm:alternativeMedia_ID_ID" ON "nfo:Media_nmm:alternativeMedia" (ID, "nmm:alternativeMedia");
CREATE INDEX "nfo:Visual_nie:contentCreated" ON "nfo:Visual" ("nie:contentCreated");
CREATE UNIQUE INDEX "nid3:ID3Audio_nid3:leadArtist_ID_ID" ON "nid3:ID3Audio_nid3:leadArtist" (ID, "nid3:leadArtist");
CREATE UNIQUE INDEX "nie:DataObject_nie:dataSource_ID_ID" ON "nie:DataObject_nie:dataSource" (ID, "nie:dataSource");
CREATE UNIQUE INDEX "nie:DataObject_nie:isPartOf_ID_ID" ON "nie:DataObject_nie:isPartOf" (ID, "nie:isPartOf");
CREATE INDEX "nie:DataObject_nie:url" ON "nie:DataObject" ("nie:url");
CREATE INDEX "nie:InformationElement_mlo:location_ID" ON "nie:InformationElement_mlo:location" (ID);
CREATE UNIQUE INDEX "nie:InformationElement_mlo:location_ID_ID" ON "nie:InformationElement_mlo:location" ("mlo:location", ID);
CREATE UNIQUE INDEX "nie:InformationElement_nao:hasProperty_ID_ID" ON "nie:InformationElement_nao:hasProperty" (ID, "nao:hasProperty");
CREATE UNIQUE INDEX "nie:InformationElement_nco:contributor_ID_ID" ON "nie:InformationElement_nco:contributor" (ID, "nco:contributor");
CREATE UNIQUE INDEX "nie:InformationElement_nco:creator_ID_ID" ON "nie:InformationElement_nco:creator" (ID, "nco:creator");
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasLogicalPart_ID_ID" ON "nie:InformationElement_nie:hasLogicalPart" (ID, "nie:hasLogicalPart");
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasPart_ID_ID" ON "nie:InformationElement_nie:hasPart" (ID, "nie:hasPart");
CREATE UNIQUE INDEX
"nie:InformationElement_nie:informationElementDate_ID_ID" ON "nie:InformationElement_nie:informationElementDate" (ID, "nie:informationElementDate");
CREATE UNIQUE INDEX "nie:InformationElement_nie:isLogicalPartOf_ID_ID" ON "nie:InformationElement_nie:isLogicalPartOf" (ID, "nie:isLogicalPartOf");
CREATE UNIQUE INDEX "nie:InformationElement_nie:keyword_ID_ID" ON "nie:InformationElement_nie:keyword" (ID, "nie:keyword");
CREATE UNIQUE INDEX "nie:InformationElement_nie:relatedTo_ID_ID" ON "nie:InformationElement_nie:relatedTo" (ID, "nie:relatedTo");
CREATE INDEX "nie:InformationElement_slo:location" ON "nie:InformationElement" ("slo:location");
CREATE INDEX "nmm:Artist_nmm:artistName" ON "nmm:Artist" ("nmm:artistName");
CREATE INDEX "nmm:MusicAlbum_nie:title" ON "nmm:MusicAlbum" ("nie:title");
CREATE UNIQUE INDEX "nmm:MusicAlbum_nmm:albumArtist_ID_ID" ON "nmm:MusicAlbum_nmm:albumArtist" (ID, "nmm:albumArtist");
CREATE INDEX "nmm:MusicPiece_nie:title" ON "nmm:MusicPiece" ("nie:title");
CREATE UNIQUE INDEX "nmm:MusicPiece_nmm:lyrics_ID_ID" ON "nmm:MusicPiece_nmm:lyrics" (ID, "nmm:lyrics");
CREATE INDEX "nmm:MusicPiece_nmm:musicAlbum" ON "nmm:MusicPiece" ("nmm:musicAlbum");
CREATE INDEX "nmm:MusicPiece_nmm:performer" ON "nmm:MusicPiece" ("nmm:performer");
CREATE UNIQUE INDEX "nmm:RadioStation_nmm:carrier_ID_ID" ON "nmm:RadioStation_nmm:carrier" (ID, "nmm:carrier");
CREATE UNIQUE INDEX "nmm:Video_mtp:scantype_ID_ID" ON "nmm:Video_mtp:scantype" (ID, "mtp:scantype");
/create UNIQUE INDEX "nmm:Video_nmm:director_ID_ID" ON "nmm:Video_nmm:director" (ID, "nmm:director");
CREATE UNIQUE INDEX "nmm:Video_nmm:leadActor_ID_ID" ON "nmm:Video_nmm:leadActor" (ID, "nmm:leadActor");
CREATE UNIQUE INDEX "nmm:Video_nmm:subtitle_ID_ID" ON "nmm:Video_nmm:subtitle" (ID, "nmm:subtitle");
CREATE INDEX "nmo:Call_nmo:sentDate" ON "nmo:Call" ("nmo:sentDate");
CREATE INDEX "nmo:CommunicationChannel_nmo:hasParticipant_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" (ID);
CREATE UNIQUE INDEX
"nmo:CommunicationChannel_nmo:hasParticipant_ID_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" ("nmo:hasParticipant", ID);
CREATE INDEX "nmo:CommunicationChannel_nmo:lastMessageDate" ON "nmo:CommunicationChannel" ("nmo:lastMessageDate");
CREATE UNIQUE INDEX "nmo:Email_nmo:contentMimeType_ID_ID" ON "nmo:Email_nmo:contentMimeType" (ID, "nmo:contentMimeType");
CREATE UNIQUE INDEX "nmo:Message_nmo:bcc_ID_ID" ON "nmo:Message_nmo:bcc" (ID, "nmo:bcc");
CREATE UNIQUE INDEX "nmo:Message_nmo:cc_ID_ID" ON "nmo:Message_nmo:cc" (ID, "nmo:cc");
CREATE INDEX "nmo:Message_nmo:communicationChannel" ON "nmo:Message" ("nmo:communicationChannel", "nmo:receivedDate");
CREATE INDEX "nmo:Message_nmo:conversation" ON "nmo:Message" ("nmo:conversation");
CREATE INDEX "nmo:Message_nmo:from" ON "nmo:Message" ("nmo:from");
CREATE UNIQUE INDEX "nmo:Message_nmo:hasAttachment_ID_ID" ON "nmo:Message_nmo:hasAttachment" (ID, "nmo:hasAttachment");
CREATE UNIQUE INDEX "nmo:Message_nmo:inReplyTo_ID_ID" ON "nmo:Message_nmo:inReplyTo" (ID, "nmo:inReplyTo");
CREATE UNIQUE INDEX "nmo:Message_nmo:messageHeader_ID_ID" ON "nmo:Message_nmo:messageHeader" (ID, "nmo:messageHeader");
CREATE UNIQUE INDEX "nmo:Message_nmo:recipient_ID_ID" ON "nmo:Message_nmo:recipient" (ID, "nmo:recipient");
CREATE UNIQUE INDEX "nmo:Message_nmo:references_ID_ID" ON "nmo:Message_nmo:references" (ID, "nmo:references");
CREATE INDEX "nmo:Message_nmo:sender" ON "nmo:Message" ("nmo:sender");
CREATE INDEX "nmo:Message_nmo:sentDate" ON "nmo:Message" ("nmo:sentDate");
CREATE INDEX "nmo:Message_nmo:to_ID" ON "nmo:Message_nmo:to" (ID);
CREATE UNIQUE INDEX "nmo:Message_nmo:to_ID_ID" ON "nmo:Message_nmo:to" ("nmo:to", ID);
CREATE UNIQUE INDEX "nmo:MimePart_nmo:mimeHeader_ID_ID" ON "nmo:MimePart_nmo:mimeHeader" (ID, "nmo:mimeHeader");
CREATE UNIQUE INDEX "nmo:Multipart_nmo:partBoundary_ID_ID" ON "nmo:Multipart_nmo:partBoundary" (ID, "nmo:partBoundary");
CREATE UNIQUE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder_ID_ID" ON "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder" (ID, "nmo:containsPhoneMessageFolder");
CREATE UNIQUE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessage_ID_ID" ON "nmo:PhoneMessageFolder_nmo:containsPhoneMessage" (ID, "nmo:containsPhoneMessage");
CREATE UNIQUE INDEX "nmo:PhoneMessage_nmo:toVCard_ID_ID" ON "nmo:PhoneMessage_nmo:toVCard" (ID, "nmo:toVCard");
FROM "nco:EmailAddress" WHERE ID = "5_u") COLLATE NOCASE, ';
FROM (SELECT "nco:PersonContact_nco:hasAffiliation6"."nco:hasAffiliation"
AS "2_u", "nco:Role_nco:hasEmailAddress7"."nco:hasEmailAddress"
AS "5_u" FROM "nco:PersonContact_nco:hasAffiliation" AS
"nco:PersonContact_nco:hasAffiliation6",
"nco:Role_nco:hasEmailAddress" AS "nco:Role_nco:hasEmailAddress7"
WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation6"."ID" AND
"nco:PersonContact_nco:hasAffiliation6"."nco:hasAffiliation" =
"nco:Role_nco:hasEmailAddress7"."ID")), (SELECT GROUP_CONCAT("2_u"||? COLLATE NOCASE||COALESCE((SELECT
GROUP_CONCAT((SELECT Uri FROM Resource WHERE ID =
"nco:blogUrl"),',') FROM "nco:Role_nco:blogUrl" WHERE ID =
"2_u"), ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT
GROUP_CONCAT((SELECT Uri FROM Resource WHERE ID =
"nco:websiteUrl"),',') FROM "nco:Role_nco:websiteUrl" WHERE ID =
"2_u"), ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT
GROUP_CONCAT((SELECT Uri FROM Resource WHERE ID = "nco:url"),',')
FROM "nco:Role_nco:url" WHERE ID = "2_u"), ? COLLATE NOCASE),
'\n') FROM (SELECT
"nco:PersonContact_nco:hasAffiliation8"."nco:hasAffiliation" AS
"2_u" FROM "nco:PersonContact_nco:hasAffiliation" AS
"nco:PersonContact_nco:hasAffiliation8" WHERE "1_u" =
"nco:PersonContact_nco:hasAffiliation8"."ID")), (SELECT GROUP_CONCAT("6_u", ',') FROM (SELECT
"rdfs:Resource_nao:hasTag9"."nao:hasTag" AS "6_u" FROM
"rdfs:Resource_nao:hasTag" AS "rdfs:Resource_nao:hasTag9" WHERE
"1_u" = "rdfs:Resource_nao:hasTag9"."ID")), (SELECT Uri FROM
Resource WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u"||? COLLATE
NOCASE)||COALESCE((SELECT "nco:role" FROM "nco:Affiliation" WHERE
ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE
NOCASE)||COALESCE((SELECT "nco:department" FROM "nco:Affiliation"
WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE
NOCASE)||COALESCE((SELECT GROUP_CONCAT("nco:title",',') FROM
"nco:Affiliation_nco:title" WHERE ID = "2_u"), ? COLLATE NOCASE),
'\n') FROM (SELECT
"nco:PersonContact_nco:hasAffiliation10"."nco:hasAffiliation" AS
"2_u" FROM "nco:PersonContact_nco:hasAffiliation" AS
"nco:PersonContact_nco:hasAffiliation10" WHERE "1_u" =
"nco:PersonContact_nco:hasAffiliation10"."ID")), (SELECT GROUP_CONCAT("nco:note"',') FROM "nco:Contact_nco:note" WHERE ID = "1_u"), (SELECT "nco:gender" FROM "nco:PersonContact" WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u"||? COLLATE
NOCASE)||COALESCE((SELECT "nco:pobox" FROM "nco:PostalAddress"
WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE
NOCASE)||COALESCE((SELECT "nco:district" FROM "nco:PostalAddress"
WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE
NOCASE)||COALESCE((SELECT "nco:county" FROM "nco:PostalAddress"
WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE
NOCASE||COALESCE((SELECT "nco:locality" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT "nco:postalcode" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT "nco:streetAddress" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT Uri FROM Resource WHERE ID = (SELECT "nco:addressLocation" FROM "nco:PostalAddress" WHERE ID = "7_u")), ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT "nco:extendedAddress" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT "nco:country" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE)||?
NOCASE||COALESCE((SELECT "nco:region" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE), "u") FROM (SELECT "nco:PersonContact_nco:hasAffiliation11"."nco:hasAffiliation" AS "2_u", "nco:Role_nco:hasPostalAddress12"."nco:hasPostalAddress" AS "7_u" FROM "nco:PersonContact_nco:hasAffiliation" AS "nco:PersonContact_nco:hasAffiliation11", "nco:Role_nco:hasPostalAddress" AS "nco:Role_nco:hasPostalAddress12" WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation11"."ID" AND "nco:PersonContact_nco:hasAffiliation11"."nco:hasAffiliation" = "nco:Role_nco:hasPostalAddress12"."ID"), (SELECT GROUP_CONCAT("10_u" COLLATE NOCASE, ',') FROM (SELECT "nie:InformationElement_nao:hasProperty13"."nao:hasProperty" AS "8_u", "nao:Property14"."nao:propertyName" AS "9_u", "nao:Property14"."nao:propertyValue" AS "10_u" FROM "nie:InformationElement_nao:hasProperty" AS "nie:InformationElement_nao:hasProperty13", "nao:Property" AS "nao:Property14" WHERE "1_u" = "nie:InformationElement_nao:hasProperty13"."ID" AND "nie:InformationElement_nao:hasProperty13"."nao:hasProperty" = "nao:Property14"."ID" AND "9_u" IS NOT NULL AND "10_u" IS NOT NULL AND ("9_u" COLLATE NOCASE = ? COLLATE NOCASE))) FROM (SELECT "nco:PersonContact1"."ID" AS "1_u" FROM "nco:PersonContact" AS "nco:PersonContact1") ORDER BY "1_u";
} {/* Goto .*/

finish_test

Found in path(s):

Open Source Used In Cisco Optical Network Planner 4.2.2 21098
No license file was found, but licenses were detected in source scan.

without a shared lock, other processes are free to modify the database

Found in path(s):
No license file was found, but licenses were detected in source scan.

<h3>Proprietary SQLite Extensions</h3>
<a href="copyright.html">public domain</a>. But there also exist proprietary, licensed extensions to SQLite, written and maintained.

You are welcomed to use SQLite in closed source, proprietary, and/or

Found in path(s):
No license file was found, but licenses were detected in source scan.

)putinterval

Found in path(s):
* 1 index 0(BadFont
No license file was found, but licenses were detected in source scan.

Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):
No license file was found, but licenses were detected in source scan.

<li>Sources are in the <a href="copyright.html">public domain</a>.
Rather than using fopen() to write XML or some proprietary format into

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
#  May you do good and not evil.
#  May you find forgiveness for yourself and forgive others.
#  May you share freely, never taking more than you give.
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS2 is defined, omit this file.
if capable !fts2 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email archives of Enron executives that was published as part of the litigation against that company.

# $Id: fts2c.test,v 1.1 2006/10/19 23:36:26 shess Exp $

create table email using fts2(from, to, subject, body);
BEGIN TRANSACTION;

INSERT INTO email(from, to, subject, body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.

The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent”s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent”s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent”s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent”s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transactionVolume Hedged
1 - 24990
2500 - 54995000
5500 - 64996000);

INSERT INTO email(from, to, subject, body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com,
lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think
you will need my assistance past the 4 o’clock hour just let me know; I’ll
be more than willing to stay.);
INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',
'louise.kitchen@enron.com', '<<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready
for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expenserxms.enron.com);
INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work
request', 'Julie,
Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide
me with your activity reports so I can have Julie enter this information.

JD);
INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com,
scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rf/010129/n29305829.html);
INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com',
'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');
INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001',
'The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent:Friday, September 21, 2001 8:33 PM
Subject:Producers Newsletter 9-24-2001
I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey;

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Sent: Wednesday, September 26, 2001 7:50 AM
To: Fenceroy, LaChandra
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent: Tuesday, September 25, 2001 2:41 PM
To: Bisbee, Joanne
Subject: Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy);
If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd’s sheets as well.

Thanks.

Dan

-----Original Message-----
From: Fagan, Fran
Sent: Thursday, December 20, 2001 11:10 AM
To: McCarty, Danny
Subject: worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >>  << File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email(from, to, subject, body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT');

INSERT INTO email(from, to, subject, body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com.', 'TRV Notification: (NG - PROPT P/L - 09/27/2001)', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+-+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_date=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.);

INSERT INTO email(from, to, subject, body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');

INSERT INTO email(from, to, subject, body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.);

INSERT INTO email(from, to, subject, body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --
Here is the information on staffing and outside services. Call if you need anything else.

Jim

');

```
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,

Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages.

In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');
```

```
INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com', 'all_ena_egm_eim@enron.com', 'EWS Brown Bag', 'MARK YOUR LUNCH CALENDARS NOW!

You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating

We provide drinks and dessert. RSVP x 3-9610');
```

```
INSERT INTO email([from],[to],subject,body) VALUES('chris.germany@enron.com', 'ingrid.immer@williams.com', 'Re: About St Pauls', 'Sounds good to me. I bet this is next to the Warick?? Hotel.

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
```
To: "chris.germany@enron.com" <chris.germany@enron.com>
cc: 
Subject: About St Pauls

<<About St Pauls.url>>

? http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

');

INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmccrea@sablaw.com, thompson@wrightlaw.com.', 'Reply Brief filed July 31, 2000', ' - CPUC01-#76371-v1-Revised_Reply_Brief_Due_today_7_31_.doc');

INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000,
E-Gas(Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations(daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.
');

INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com', 'rwolkwitz@powermerchants.com', '', 'Here is a goody for you);

Here is a goody for you):

INSERT INTO email([from],[to],subject,body) VALUES('ryan.o`rourke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com.', 'TRV Notification: (West VaR - 11/07/2001)', 'The report named: West VaR <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=36&report_name=West+VaR&category_cd=2&category_name=WEST&toc_hide=1&TV1=2&TV1Exp=Y&current_efct_date=11/07/2001>, published as of 11/07/2001 is now available for viewing on the website.);

INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, gggreen2@txu.com, timpowell@txu.com.', 'Enron / HPL Actuals for July 10, 2000', 'Enron / HPL Actuals for July 10, 2000, 'Teco Tap 10.000 / Enron ; LS HPL LSK IC 30.000 / Enron')
Is it safe to assume that practice is cancelled for tonight??

Susan Pereira);
INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barry.tycholiz@enron.com', 'Huber Internal Memo', 'Please look at this. I didn't know how deep to go with the desk. Do you think this works.

');
INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com', '', 'George,
Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForney
3-7160);
INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com', 'Re: (no subject)', 'not yet);
INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com', 'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227

-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295);
INSERT INTO email([from],[to],subject,body) VALUES('matt.smith@enron.com', 'yan.wang@enron.com', 'Report Formats', 'Yan,

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:
The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.):

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<Leila_Mankarious@mhhs.org>, "Marymankarious (E-mail)"
<marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>
cc: Subject: Egyptian Festival

<<Egyptian Festival.url>>

http://www.egyptianfestival.com/

- Egyptian Festival.url

');

"Errol McLaughlin" <errol.mclaughlin@enron.com> on 12/20/2000 08:39 AM
To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R

From: William Kelly @ ECT 12/20/2000 08:31 AM
Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal : East Northeast
Dick Jenkins: East Marketeast

WK
');

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

Dave');

I saw it. Very interesting.

Vince
"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc:
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com',
'mmmarcantel@equiva.com', 'RE:', 'i will try to line up a pig for you ');
INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com',
'claudette.harvey@enron.com, chaun.roberts@enron.com, judy.martinez@enron.com,',
'Disaster Recovery Equipment', 'As a reminder...there are
several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery
Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer
system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment
for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760');
INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com',
'dale.neuner@enron.com', '5 X 24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this
product out ASAP.

Thanks,

Eric');
Dear SmartReminders Member,

We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers, click here.

SmartReminders.com is a permission based service. To unsubscribe click here.

The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA’s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!

Ben;

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.

FYI. the latest broadside against the generators.
"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM   To: ""smara@enron.com"
<smara@enron.com>  cc:   Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch);

Nailia

Here are the documents that Peter has prepared for Mark Frevert.

Nailia
-------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 --------------
These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

');
INSERT INTO email([from],[to],subject,body) VALUES('peggy.a.kostial@accenture.com',
dave.samuels@enron.com', 'EOL-Accenture Deal Sheet', 'Dave -

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
  Finalize market analysis to refine business case, specifically
  projected revenue stream
  Complete counterparty surveying, including targeting 3 CPs for letters
  of intent
  Review Enron asset base for potential reuse/ licensing
  Contract negotiations

Joe will come back to us with an updated time line, but it is my
expectation that we are still on the same schedule (we just begun week
three) with possibly a week or so slippage.....contract negotiations will
probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)
- accenture-dealpoints v2.doc ');
INSERT INTO email([from],[to],subject,body) VALUES('thomas.martin@enron.com', 'thomas.martin@enron.com',
'Re: Guadalupe Power Partners LP', '---------------------- Forwarded by Thomas A Martin/HOU/ECT on 03/20/2001
03:49 PM ----------------------

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc:
Subject: Re: Guadalupe Power Partners LP
The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katy tailgate GD at buyers option three days prior to NYMEX close.

');

INSERT INTO email([from],[to],subject,body) VALUES('judy.townsend@enron.com', 'dan.junek@enron.com, chris.germany@enron.com', 'Columbia Distribution’s Capacity Available for Release - Sum', '---------------------- Forwarded by Judy Townsend/HOU/ECT on 03/09/2001 11:04 AM ----------------------

agodard@nisource.com on 03/08/2001 09:16:57 AM
To: "        -         *Koch, Kent" <kkoch@nisource.com>, "        -         *Millar, Debra" <dmillar@nisource.com>, "        -         *Burke, Lynn" <lburke@nisource.com>
cc: "        -         *Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution’s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc

');

INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com', 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. Copies will be distributed to Legal and Credit.

');

INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net', 'Oral Argument Request', ' - Oral Argument Request.doc');

INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', 'Did you come in town this wk end..... My new number at our house is : 713-668-3712...... my cell # is 281-381-7332

the kid');

INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com',

[36x36]Open Source Used In Cisco Optical Network Planner 4.2.2  21113
Cooper,

It's been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.

I haven't talked to many of you via email recently but I do want to give you
my new address for your email file:

bjm30@earthlink.net

I hope all is well.

Brian McGuinn');

San Antonio, Texas May 2-4, 2001 Westin Riverwalk

See attached memo for more details!!

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i''ll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I''ll get it done today.

DG 3-9573

From: Bryce Baxter 06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');
INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:
If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson  
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!

Casey

')

INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky  
Director, Southwest Region  
Anti-Defamation League  
713/627-3490, ext. 122  
713/627-2011 (fax)  
MCominsky@aol.com');

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB
rumor mill. Hope things are well, happy holidays.

PL');
INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');
INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');
INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', '.j.bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', 'Please contact me if you have any questions regarding last week's prices.

Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com', 'edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com', 'Open Source Used In Cisco Optical Network Planner 4.2.2 21117
'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey big guy.....check this out.....

www.gorelieberman-2000.com/');
INSERT INTO email([from],[to],subject,body) VALUES('k..allen@enron.com', 'jacqeste@aol.com', '', 'Jacques,

I sent you a fax of Kevin Kolb’s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)).
This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');
INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com', 'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance
-Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please. Also, James Bruce is working to get his gen report on the web. That will help with your access to information on new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com');
INSERT INTO email([from],[to],subject,body) VALUES('d..thomas@enron.com', 'naveed.ahmed@enron.com', 'FW: Current Enron TCC Portfolio', '
Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:08 AM
To: Grace, Rebecca M.
Subject: FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email(from,to,subject,body) VALUES('stephanie.panus@enron.com',
Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie

----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

Thanks

chris
x31666

Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax 713-646-3490

Date: 1/5/2001
Justin Boyd told me that you can help me with questions regarding Chile.

We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a “in w/h Chile” contract for Copper on-line as soon as Enron has done the due diligence for this country.

Thanks!

Best regards

Diana Seifert
EOL PCG

To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/
New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corp
Albert LaMore
281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent: Wednesday, October 31, 2001 10:10 AM
To: Quigley, Dutch
Subject: RE:

give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:

Coral
Jeff Whitnah
713-767-5374
Reliant
Steve McGinn
713-207-4000

Start Date: 4/22/01; HourAhead hour: 3;  No ancillary schedules awarded.
Variances detected.
Variances detected in Load schedule.
LOG MESSAGES:

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----
$$$ Variance found in table tblLoads.
   Details: (Hour: 3 / Preferred: 1.92 / Final: 1.89)
   TRANS_TYPE: FINAL
   LOAD_ID: PGE4
   MKT_TYPE: 2
   TRANS_DATE: 4/22/01
   SC_ID: EPMI

');

INSERT INTO email(from, to, subject, body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');

INSERT INTO email(from, to, subject, body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');

INSERT INTO email(from, to, subject, body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebyztztoolzprint.jpg');

COMMIT;

} { }

#################################################
# Everything above just builds an interesting test database. The actual
# tests come after this comment.
do_test fts2c-1.2 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark'
  }
} {6 17 25 38 40 42 73 74}

do_test fts2c-1.3 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan'
  }
} {24 40}

do_test fts2c-1.4 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark susan'
  }
} {40}

do_test fts2c-1.5 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan mark'
  }
} {40}

do_test fts2c-1.6 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH "'mark susan'"
  }
} {}

do_test fts2c-1.7 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark -susan'
  }
} {6 17 25 38 42 73 74}

do_test fts2c-1.8 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH '-mark susan'
  }
} {24}

do_test fts2c-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
} {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column. In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
}
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.2 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE email MATCH 'subject:gas reminder'
    }
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.3 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE email MATCH 'body:gas reminder'
    }
} {20 {2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.4 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE subject MATCH 'gas reminder'
    }
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.5 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE body MATCH 'gas reminder'
    }
} {20 {3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts2c-3.1 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE body MATCH 'child product' AND +rowid=32
    }
} {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}
do_test fts2c-3.2 {
    execsql {
        SELECT rowid, offsets(email) FROM email
        WHERE body MATCH """"child product"
    }
} {32 {3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7}}

# Snippet generator tests
do_test fts2c-4.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gass reminder'
  }
}

do_test fts2c-4.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
  }
}

do_test fts2c-4.3 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
}

do_test fts2c-4.4 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
}

do_test fts2c-4.5 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'first things'
  }
}

do_test fts2c-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
}

do_test fts2c-4.7 {
  execsql {

SELECT snippet(email) FROM email
WHERE email MATCH "'pursuant to'
}
} {{Erin:

<b>Pursuant</b> <b>to</b> your request, attached are the Schedule to <b>...</b> }}

do_test fts2c-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
} {{pete.<b>davis</b>@enron.com <b>...</b> Start Date: 4/22/01; HourAhead hour: 3; No <b>ancillary</b> schedules awarded.
Variance detected.
Variance detected in <b>Load</b> schedule.

LOG MESSAGES:

PARSING <b>...</b> }}

# Combinations of AND and OR operators:
#

do_test fts2c-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
} {{matt.smith@<b>enron</b>.<b>com</b> <b>...</b> six reports:

31 Keystone Receipts
15 <b>Questar</b>/<b>...</b> Pipeline
40 Rockies Production
22 West_2 <b>...</b> }}

do_test fts2c-5.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'enron OR com questar'
  }
} {{matt.smith@<b>enron</b>.<b>com</b> <b>...</b> six reports:

31 Keystone Receipts
15 <b>Questar</b>/<b>...</b> Pipeline
40 Rockies Production
22 West_2 <b>...</b> }}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

INSERT INTO x1 VALUES('blonds', 'proprietary');

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS1 module.
#
#$Id: fts1c.test,v 1.11 2006/10/04 17:35:28 drh Exp$
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
if capable !fts1 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts1c-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts1([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.');
    }
}
The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

- If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
- If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge volume will be the parent’s minimum volume.
- For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transaction  Volume Hedged
1 - 24990
2500 - 54995000
5500 - 64996000

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com, lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think you will need my assistance past the 4 o’clock hour just let me know; I’ll be more than willing to stay.

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'louise.kitchen@enron.com', '<<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work request', 'Julie,
Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide me with your activity reports so I can have Julie enter this information.

JD');

INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com,
INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');
INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001', '');

The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent: Tuesday, October 16, 2001 3:42 PM
To: Carter, Karen E.
Subject: FW: Producers Newsletter 9-24-2001

I hope this meets with your approval.

Regards
Delainey');
INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');
INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent:Tuesday, September 25, 2001 2:41 PM
To:Bisbee, Joanne
Subject:Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy');

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran,

If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd’s sheets as well. Thanks.

Dan

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject: worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.
I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!"

Here is the information on staffing and outside services. Call if you need anything else.

Jim

"

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.
- OUTAGE.dbf
- 111201R.xls
- 111201.xls"

You are invited to attend the EWS Brown Bag Lunch Series
You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610;

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: “chris.germany@enron.com” <chris.germany@enron.com>
cc:
Subject: About St Pauls

<<About St Pauls.url>>
?
?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

'):;

As discussed in the Winter Operations Meeting on Sept.29,2000,
E-Gas (Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations (daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.

Here is a goody for you:

LS HPL LSK IC 30,000 / Enron

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira;

Huber Internal Memo, Please look at this. I didn't know how deep to go with the desk. Do you think this works.

George,
Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForney
3-7160;

FW: Curve Fetch File, 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
"Marymankarious (E-mail)"
"Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>
cc:

Subject: Egyptian Festival

<<Egyptian Festival.url>>
From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
c: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal: East Northeast
Dick Jenkins: East Marketeast

WK

INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com', 'Change to Stack Manager', 'Effective immediately, there is a change to the Stack Manager which will affect any Inactive Child.

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you
will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

America: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

I saw it. Very interesting.

Vince

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: 
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

');
INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com', 'mmmarcantel@equiva.com', 'RE: ', 'i will try to line up a pig for you ');
INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com', 'claudette.harvey@enron.com, chaun.roberts@enron.com, judy.martinez@enron.com,', 'Disaster Recovery Equipment', 'As a reminder...there are several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment for you to use.
Thanks for your understanding in this matter.

T. Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760

INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X 24', 'Dale,'

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric');

INSERT INTO email([from],[to],subject,body) VALUES('messenger@smartreminders.com', 'm..tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE][IMAGE][IMAGE][IMAGE][IMAGE]
Dear SmartReminders Member,

[IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE][IMAGE][IMAGE]

We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers, click here.
SmartReminders.com is a permission based service. To unsubscribe click here.

');
The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA’s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that. I felt this was the type of info you were looking for. Thanks! Ben.

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax: (415) 782-7854

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch
Here are the documents that Peter has prepared for Mark Frevert.

Nailia
---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001
16:36 ---------------------------

Nailia Dindarova
25/06/2001 15:36
To: Michael Brown/Enron@EUEnronXGate
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT

Subject: Documents for Mark Frevert (on EU developments and lessons from California)

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

'};INSERT INTO email([from],[to],subject,body) VALUES('peggy.a.kostial@accenture.com','dave.samuels@enron.com','EOL-Accenture Deal Sheet','Dave -

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
   Finalize market analysis to refine business case, specifically projected revenue stream
   Complete counterparty surveying, including targeting 3 CPs for letters of intent
   Review Enron asset base for potential reuse/licensing
   Contract negotiations

Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage....contract negotiations will
probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc:
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To: "Koch, Kent" <kkoch@nisource.com>, "Millar, Debra" <dmillar@nisource.com>, "Burke, Lynn" <lburke@nisource.com>
cc: "Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution’s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.
Aaron Goddard

- 2001Summer.doc

');
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com','tim.belden@enron.com,
dana.davis@enron.com,genia.fitzgerald@enron.com','Split Rock Energy LLC','We have received the executed
EEI contract from this CP dated 12/12/2000.
Copies will be distributed to Legal and Credit.');
INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com','jack.speer@alcoa.com,
crow@millernash.com,michalearly@earthlink.net','Oral Argument Request',' - Oral Argument Request.doc');
INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com','rlmichaelis@hormel.com','Did you come in town this wk end..... My new number at our house is :
713-668-3712...... my cell # is 281-381-7332
the kid');
INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com','trycooper@hotmail.com','FW: Contact Info','

-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

Its been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
eMail: kpunja@hotmail.com

Take Care,

Karim.

');
INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net','mcguinn.k@enron.com,
mguinn.ian@enron.com,mcguinn.stephen@enron.com','email address change','Hello all.

I haven”t talked to many of you via email recently but I do want to give you my new address for your email file:

bjm30@earthlink.net
I hope all is well.

Brian McGuinn');
INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I'm hearing there is some hold-up & the units are stored on 44.

Shelley');
INSERT INTO email([from],[to],subject,body) VALUES('sara.davidson@enron.com', 'john.schwartzenburg@enron.com, scott.dieball@enron.com, recipients@enron.com.', '2001 Enron Law Conference (Distribution List 2)', ' Enron Law Conference
San Antonio, Texas    May 2-4, 2001    Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i'll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I'll get it done today.

DG  3-9573
From: Bryce Baxter                           06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP:  Mike Carson
PWR-NG-LT-SERC:  Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP:  Mike Carson
EPMI-LT-SERC:  Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey

');

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

')

From:  Bryce Baxter                           06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP:  Mike Carson
PWR-NG-LT-SERC:  Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP:  Mike Carson
EPMI-LT-SERC:  Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey

');

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

')
Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

Please contact me if you have any questions regarding last weeks prices.
Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com','edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com', 'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey big guy.....check this out.....

www.gorelieberman-2000.com/');
INSERT INTO email([from],[to],subject,body) VALUES('k..allen@enron.com', 'jacqestc@aol.com', '', 'Jacques,

I sent you a fax of Kevin Kolb''s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)).

This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');
INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com', 'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance

-Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not included in the calc.
Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please. Also, James Bruce is working to get his gen report on the web. That will help with your access to information on new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com

-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio

Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:08 AM
To: Grace, Rebecca M.
Subject: FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com',
'william.bradford@enron.com, debbie.brackett@enron.com,','Coastal Merchant Energy/El Paso Merchant Energy',
'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy,
L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P.  We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie
');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE: What about this too???, '

-----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com',
'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.

Thanks

chris
Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax 713-646-3490;

INSERT INTO email([from],[to],subject,body) VALUES('outlook.team@enron.com', '', 'Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date:1/5/2001
Time:9:00 AM - 10:00 AM (Central Standard Time)

Chairperson:Outlook Migration Team

Detailed Description:');

INSERT INTO email([from],[to],subject,body) VALUES('diana.seifert@enron.com', 'mark.taylor@enron.com', 'Guest access Chile', 'Hello Mark,

Justin Boyd told me that your can help me with questions regarding Chile.
We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.
Thanks !

Best regards

Diana Seifert
EOL PCG');

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'mark.whitt@enron.com', '<Concur Expense Document> - 121001', 'The Approval status has changed on the following report:

Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending

To review this expense report, click on the following link for Concur Expense:
http://expensexms.enron.com);

INSERT INTO email([from],[to],subject,body) VALUES('kevin.hyatt@enron.com', '', 'Technical Support', 'Outside the U.S., please refer to the list below:

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.';

INSERT INTO email([from],[to],subject,body) VALUES('geoff.storey@enron.com', 'dutch.quigley@enron.com', 'RE:', 'duke contact?

-----Original Message-----
From: Quigley, Dutch
Sent:Wednesday, October 31, 2001 10:14 AM
To:Storey, Geoff
Subject:RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent:Wednesday, October 31, 2001 10:10 AM
To:Quigley, Dutch
Subject:RE:
give me a contact over there too

BP

----- Original Message ----- 
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject: 

Coral
Jeff Whitnah 713-767-5374
Reliant
Steve McGinn 713-207-4000

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3;  <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3;  No ancillary schedules awarded.
Variances detected.
Variances detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----
$$ Variance found in table tblLoads.
   Details: (Hour: 3 / Preferred: 1.92 / Final: 1.89)
TRANS_TYPE: FINAL
LOAD_ID: PGE4
MKT_TYPE: 2
TRANS_DATE: 4/22/01
SC_ID: EPMI

');
INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');
INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');
INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:');
Richard McDougall  
Solaris 8  
Thursday, June 7, 2001  

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.  

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.  

Click below for more details.  

http://home.enron.com:84/messaging/litebyzttoolzprint.jpg');  
COMMIT;  
}  
}  

###############################################################################  
# Everything above just builds an interesting test database. The actual  
# tests come after this comment.  
###############################################################################  

do_test fts1c-1.2 {  
excsql {  
  SELECT rowid FROM email WHERE email MATCH 'mark'  
}  
} {6 17 25 38 40 42 73 74}  
do_test fts1c-1.3 {  
excsql {  
  SELECT rowid FROM email WHERE email MATCH 'susan'  
}  
} {24 40}  
do_test fts1c-1.4 {  
excsql {  
  SELECT rowid FROM email WHERE email MATCH 'mark susan'  
}  
} {40}  
do_test fts1c-1.5 {  
excsql {  
  SELECT rowid FROM email WHERE email MATCH 'susan mark'  
}  
} {40}  
do_test fts1c-1.6 {  
excsql {  
  SELECT rowid FROM email WHERE email MATCH "mark susan"  
}  
} {}  
do_test fts1c-1.7 {  
excsql {
SELECT rowid FROM email WHERE email MATCH 'mark -susan'
}
} {6 17 25 38 42 73 74}
do_test fts1c-1.8 {
execsql {
    SELECT rowid FROM email WHERE email MATCH '-mark susan'
}
} {24}
do_test fts1c-1.9 {
execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
}
} {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column.  In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
do_test fts1c-2.1 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
}
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts1c-2.2 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
}
} {20 {2 0 42 3 2 1 54 8 3 1 54 8}}
do_test fts1c-2.3 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'body:gas reminder'
}
} {20 {2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts1c-2.4 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE subject MATCH 'gas reminder'
}
} {20 {2 0 42 3 2 1 54 8}}
do_test fts1c-2.5 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'gas reminder'
}
} {20 {3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
# do_test fts1c-3.1 {
# execsql {
# SELECT rowid, offsets(email) FROM email
# WHERE body MATCH 'child product' AND +rowid=32
# }
# } {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}
#
do_test fts1c-3.2 {
# execsql {
# SELECT rowid, offsets(email) FROM email
# WHERE body MATCH '"child product"'
# }
# } {32 {3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7}}
#
# Snippet generator tests
#
# do_test fts1c-4.1 {
# execsql {
# SELECT snippet(email) FROM email
# WHERE email MATCH 'subject:gas reminder'
# }
# } {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}
#
do_test fts1c-4.2 {
# execsql {
# SELECT snippet(email) FROM email
# WHERE email MATCH 'christmas candlelight'
# }
# } {{<b>...</b> place.? What do you think about going here <b>Christmas</b> eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service at 5:00 p.m., among others. <b>...</b>}}
#
do_test fts1c-4.3 {
# execsql {
# SELECT snippet(email) FROM email
# WHERE email MATCH 'deal sheet potential reuse'
# }
# } {{EOL-Accenture <b>Deal</b> <b>Sheet</b> <b>...</b> intent
# Review Enron asset base for <b>potential</b> <b>reuse</b>/ licensing
# Contract negotiations <b>...</b>}}
#
do_test fts1c-4.4 {
# execsql {
# SELECT snippet(email,<<<',',>>>;') FROM email
# WHERE email MATCH 'deal sheet potential reuse'
# }
Review Enron asset base for potential reuse/licensing
Contract negotiations

SELECT snippet(email,'<<','>>',') FROM email
WHERE email MATCH 'first things'
}

RE: First Polish Deal! Congrats! Things seem to be building rapidly now on the

SELECT snippet(email) FROM email
WHERE email MATCH 'chris is here'

Chris.germany@enron.com Sounds good to me. I bet this is next to the Warwick??
Hotel. ... place. What do you think about going here Christmas eve?? They have an 11:00 a.m.

SELECT snippet(email) FROM email
WHERE email MATCH "pursuant to"

Erin:
Pursuant to your request, attached are the Schedule to ...

SELECT snippet(email) FROM email
WHERE email MATCH 'ancillary load davis'

Pete.davis@enron.com Start Date: 4/22/01; HourAhead hour: 3; No schedules awarded.
Variances detected.
Variance detected in Load schedule.

LOG MESSAGES:

PARSING ...

# Combinations of AND and OR operators:
#
SELECT snippet(email) FROM email
WHERE email MATCH 'questar enron OR com'

Matt.smith@enron.com six reports:
31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2 ...
}
do_test fts1c-5.2 {
  execsql {
    SELECT snippet(email) FROM email
      WHERE email MATCH 'enron OR com questar'
  }
} {{matt.smith@enron.com <b>...</b> six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2 ...
}

finish_test

Found in path(s):
  No license file was found, but licenses were detected in source scan.

Copyright 1997-2006 Adobe Systems Incorporated. All Rights Reserved.

Found in path(s):
* %%%Copyright
  No license file was found, but licenses were detected in source scan.

%%Copyright: Copyright(C)2000-2006 Adobe Systems, Inc. All Rights Reserved.
%%Copyright: Copyright(C)1997-2007 Adobe Systems, Inc. All Rights Reserved.
%%BeginResource: procset Adobe_CoolType_Core 2.31 0

Found in path(s):
  No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

Found in path(s):
  No license file was found, but licenses were detected in source scan.
application code is free to use these routines as well, if desired.

Found in path(s):
No license file was found, but licenses were detected in source scan.

MMFauxFont.prc

Found in path(s):
* **%BeginFile**
No license file was found, but licenses were detected in source scan.

<html>
<body bgcolor="white">
<p>FOR IMMEDIATE RELEASE:</p>
<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>
<h3 align="center">Ensures independent technical direction for world's most deployed SQL database engine</h3>
<p>Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.</p>
<p.SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers. SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.</p>
<p>The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.</p>
<p>Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.</p>
<p>"SQLite has become a popular embedded database because it is lightweight, fast,
and open source,” said Michael Schroepfer, Vice President of Engineering, Mozilla. “As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet.”

“The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development,” said Bruce Carney, Director, Developer Programmes & Services, Symbian. “Our involvement with the SQL Consortium not only demonstrates Symbian’s commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible.”

SQLite is a winner of the 2005 Google/O’Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, http://www.sqlite.org/.

# # #

<b>About SQLite</b>

SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp’s direction.

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Charlotte, NC 28269
Email: drh@sqlite.org
http://www.sqlite.org/
Tel: +1.704.948.4565

<b>About Mozilla</b>
Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation. For more information, visit www.mozilla.com.

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Email: jwaight@outcastpr.com

CONTACT INFORMATION:
Symbian Global Press Office
Karen Hamblen
+44 207 154 1707
press@symbian.com

Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.

Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.

Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.

CONTACT INFORMATION:
Symbian Global Press Office
Karen Hamblen
+44 207 154 1707
press@symbian.com

The psow query parameter works with the default windows and unix VFSes but might be a no-op for other
proprietary or non-standard VFSes.

Found in path(s):
No license file was found, but licenses were detected in source scan.

SQLite core and like the SQLite core are in the public domain. The
The <b><a href="th3.html">TH3</a></b> test harness is a set of proprietary tests, written in

Found in path(s):
No license file was found, but licenses were detected in source scan.

/*
 ** Return a pointer to the "temporary page" buffer held internally
 ** by the pager. This is a buffer that is big enough to hold the
 ** entire content of a database page. This buffer is used internally
 ** during rollback and will be overwritten whenever a rollback
 ** occurs. But other modules are free to use it too, as long as
 ** no rollbacks are happening.
 */

Found in path(s):
No license file was found, but licenses were detected in source scan.

application is free to use the same <a href="../c3ref/sqlite3.html">database connection</a> or the

Found in path(s):
No license file was found, but licenses were detected in source scan.

/*
 ** The "printf" code that follows dates from the 1980's. It is in
 ** the public domain. The original comments are included here for
 ** completeness. They are very out-of-date but might be useful as
 ** an historical reference. Most of the "enhancements" have been backed
 ** out so that the functionality is now the same as standard printf().
 **
 ** **************************************************
 **
 ** This file contains code for a set of "printf"-like routines. These
 ** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

other proprietary or non-standard VFSes.

Found in path(s):
No license file was found, but licenses were detected in source scan.

<html>
<head>
<title>SQLite Consortium Agreement</title>
</head>
<body bgcolor="white">
<h1 align="center">
SQLite Consortium Agreement
</h1>
<p>This SQLite Consortium Agreement ("Agreement") is made and entered into as of the _____ day of ______________, 2007 ("Effective Date") by and between ______________ (the "Company"), and Hipp, Wyrick & Company, Inc., a Georgia Corporation with headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>
<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public domain SQL database engine available at <a href="http://www.sqlite.org/">http://www.sqlite.org/</a> ("SQLite"); and</p>
<p>WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and</p>
<p>WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and</p>
WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.

NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:

**1.0 Definitions**

**1.1 SQLite Developers**

The “SQLite Developers” are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.

**1.2 SQLite Architect**

The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.

**1.3 Consortium Member**

A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.

**2.0 Agreement**

**2.1 Responsibilities And Obligations Of SQLite Developers**

**2.1.1 General Support**

The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.

**2.1.2 Debugging Support**

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.

**2.1.3 Custom Development**

The SQLite Developers shall at the request of Company
write new extensions or enhancements
to SQLite according to Company's specifications. These extensions
and enhancements may be proprietary to Company or open source or
with the consent of both Company and the SQLite Architect may
be folded into the public domain SQLite source tree.
The time devoted to Custom Development for Company is limited 220 hours
per year.
</p>

<h4>2.1.4 Custom Builds</h4>
The SQLite Developers shall at Company's request provide Company
with specialized builds of SQLite according to Company's specifications.
</p>

<h4>2.1.5 Legacy Support</h4>
The SQLite Developers shall at Company's request provide support
and bug-fix patches for any historical version of SQLite.
</p>

<h4>2.1.6 Custom Testing</h4>
The SQLite Developers shall at Company's request set up and run
acceptance tests according Company's specifications that are specifically
designed to exercise SQLite as configured and used by Company.
These acceptance tests shall be run and shall pass prior to any release
of SQLite.
</p>

<h4>2.1.7 Priority Bug Fixes</h4>
The SQLite Developers shall assign highest priority to fixing bugs
in SQLite that are reported by Company or in which Company has
expressed a specific interest.
</p>

<h4>2.1.8 Code Quality</h4>
The SQLite Developers shall at all times keep the SQLite source
code well commented and documented and clearly structured and
organized so that an experienced and competent programmer can
understand it and support it after no more than a few months of study.
</p>

<h4>2.1.9 Backwards Compatibility</h4>
The SQLite Developers recognize that Company uses SQLite
in mission-critical applications and therefore shall work diligently
to ensure continuing bug-free correct operation and backwards
compatibility with prior releases.
</p>

<h4>2.1.10 Test Coverage</h4>
The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

2.1.11 Website
The SQLite Developers shall maintain the SQLite website at http://www.sqlite.org/ in good working order and all SQLite source code shall be made freely available at such website.

2.2 Responsibilities And Obligations Of The SQLite Architect

2.2.1 Private Briefings
The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.

2.2.2 Direction
The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.

2.2.3 Oversight
The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.

2.2.4 Continuity
The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.

2.3 Responsibilities And Obligations Of Hwaci

2.3.1 Employer
Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.
2.3.2 Responsible Party

All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.

2.3.3 Multiple Developers

Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement. So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.

2.3.4 Mentorship

Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.

2.3.5 Audits

Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.

2.3.6 Disaster Planning

Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.

2.3.7 Trademark

Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the website.

http://www.sqlite.org/
2.3.8 No Take-overs or Buy-outs

Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.

2.3.9 New Consortium Members

New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.

2.3.10 Adequate Staff

Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.

2.3.11 Use Of Funds

Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.

2.4 Responsibilities And Obligations Of Company

2.4.1 Funding

Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".

2.4.2 Copyright Disclaimer

Company acknowledges that SQLite source code and documentation published on the SQLite website is in the public domain and that nothing in this agreement shall change that fact.

3.0 Fees
In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US $75,000 per year in advance either annually, quarterly, or monthly, at Company's discretion.

4.0 Confidentiality

4.1 Definition of Confidential Information

"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.

4.2 Non-Use and Non-Disclosure.

Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.

4.2.1 Disclosure Required by Law

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding...
such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.

4.3 Return of Materials.

Upon the termination of this Agreement, or upon Company’s earlier request, Hwaci shall deliver to Company all of Company’s property or Confidential Information that Hwaci may have in Hwaci’s possession or control.

5.0 Intellectual Property

5.1 No Assignment

Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.

5.2 Availability and Public Domain Dedication

The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain.

To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the
SQLite Developers' and Hwaci's rights including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and display the SQLite source code and documentation and derivative works thereof.</p><h3>5.3 Trademark</h3><p>Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein, and may set such policies as it deems appropriate for licensing the use of the trademark.</p><h2>6.0 Representations And Warranties</h2><h3>6.1 Intellectual Property Clearances</h3><p>Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.</p><h3>6.2 Disclaimer</h3><p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE, CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p><h2>7.0 Term And Termination</h2><h3>7.1 Term</h3><p>This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by
Company for sponsorship for additional periods.</p>

<h3>7.2 Termination.</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.</p>

<h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.</p>

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of
actual delivery in person, three business days after
deposit in the mail as set forth above, or one day after
delivery to an overnight air courier service.</p>

<h3>8.3 Waiver.</h3>

Any waiver of the provisions of this Agreement or
of a party's rights or remedies under this Agreement
must be in writing to be effective. Failure, neglect,
or delay by a party to enforce the provisions of this
Agreement or its rights or remedies at any time, will
not be construed as a waiver of such party's rights
under this Agreement and will not in any way affect
the validity of the whole or any part of this Agreement
or prejudice such party's right to take subsequent action.
No exercise or enforcement by either party of any right
or remedy under this Agreement will preclude the
enforcement by such party of any other right or remedy
under this Agreement or that such party is entitled by
law to enforce.</p>

<h3>8.4 Severability.</h3>

If any term, condition, or provision in this Agreement
is found to be invalid, unlawful or unenforceable to
any extent, the parties shall endeavor in good faith
to agree to such amendments that will preserve, as far
as possible, the intentions expressed in this Agreement.
If the parties fail to agree on such an amendment,
such invalid term, condition or provision will be
severed from the remaining terms, conditions and
provisions, which will continue to be valid and
enforceable to the fullest extent permitted by law.</p>

<h3>8.5 Integration.</h3>

This Agreement contains the entire agreement of the
parties with respect to the subject matter of this
Agreement and supersedes all previous communications,
representations, understandings and agreements,
either oral or written, between the parties with
respect to said subject matter. This Agreement
may not be amended, except by a writing signed by both parties.</p>

<h3>8.6 Counterparts.</h3>

This Agreement may be executed in counterparts,
each of which so executed will be deemed to be an
original and such counterparts together will constitute one and the same agreement.

<h3>8.7 Governing Law.</h3>

This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.

<h3>8.8 Independent Contractors.</h3>

It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.

<h2>9.0 Signatures</h2>

The parties have executed this Agreement below to indicate their acceptance of its terms.

<table width="100%" border="0">
<tr><td valign="top">
HWACI<br>
By:<hr>
<p>&nbsp;</p>
Print Name:<hr>
<p>&nbsp;</p>
Title:<hr>
<p>&nbsp;</p>
</td></tr><tr><td width="10%"></td></tr><tr><td valign="top">
COMPANY<br>
By:<hr>
<p>&nbsp;</p>
Print Name:<hr>
<p>&nbsp;</p>
Title:<hr>
<p>&nbsp;</p>
</td></tr></table>

Found in path(s):
/*
** 2004 May 22
**
** The author disclaims copyright to this source code. In place of
** a legal notice, here is a blessing:
**
**  May you do good and not evil.
**  May you find forgiveness for yourself and forgive others.
**  May you share freely, never taking more than you give.
**
********************************************************************************
**
** This file contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply
** skip locking all together.
**
** This source file is organized into divisions where the logic for various
** subfunctions is contained within the appropriate division. PLEASE
** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
** in the correct division and should be clearly labeled.
**
** The layout of divisions is as follows:
**
**  *  General-purpose declarations and utility functions.
**  *  Unique file ID logic used by VxWorks.
**  *  Various locking primitive implementations (all except proxy locking):
**     + for Posix Advisory Locks
**     + for no-op locks
**     + for dot-file locks
**     + for flock() locking
**     + for named semaphore locks (VxWorks only)
**     + for AFP filesystem locks (MacOSX only)
**  *  sqlite3_file methods not associated with locking.
**  *  Definitions of sqlite3_io_methods objects for all locking
**     methods plus "finder" functions for each locking method.
**  *  sqlite3_vfs method implementations.
**  *  Locking primitives for the proxy uber-locking-method. (MacOSX only)
**  *  Definitions of sqlite3_vfs objects for all locking methods
*/
** plus implementations of sqlite3_os_init() and sqlite3_os_end().
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

/#
* This code implements the MD5 message-digest algorithm.
* The algorithm is due to Ron Rivest. This code was
* written by Colin Plumb in 1993, no copyright is claimed.
* This code is in the public domain; do with it what you wish.
* *
* Equivalent code is available from RSA Data Security, Inc.
* This code has been tested against that, and is equivalent,
* except that you don't need to include two pages of legalese
* with every copy.
* *
* To compute the message digest of a chunk of bytes, declare an
* MD5Context structure, pass it to MD5Init, call MD5Update as
* needed on buffers full of bytes, and then call MD5Final, which
* will fill a supplied 16-byte array with the digest.
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

2.31 0
1.23 0
1.0 0

Found in path(s):
* %%%Version
No license file was found, but licenses were detected in source scan.

<p><b>Public domain</b></p>
The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):
No license file was found, but licenses were detected in source scan.
Public Domain

the public domain and originals of
author, and all of those authors have public domain dedications
Even though SQLite is in the public domain and does not require
the public domain. </li>
their contributions to the public domain.
in this code to the public domain. We make this dedication for the benefit

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2001 September 15
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
# # May you do good and not evil.
# # May you find forgiveness for yourself and forgive others.
# # May you share freely, never taking more than you give.
# #
#******************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this file is testing built-in functions.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Create a table to work with.
#
do_test func-0.0 {
execsql {CREATE TABLE tbl1(t1 text)}
foreach word [this program is free software] {
  execsql "INSERT INTO tbl1 VALUES('$word')"
}
execsql {SELECT t1 FROM tbl1 ORDER BY t1}
} {free is program software this}
do_test func-0.1 {
  execsql {
    CREATE TABLE t2(a);
    INSERT INTO t2 VALUES(1);
    INSERT INTO t2 VALUES(NULL);
    INSERT INTO t2 VALUES(345);
    INSERT INTO t2 VALUES(NULL);
    INSERT INTO t2 VALUES(67890);
SELECT * FROM t2;
}
} {1 {} 345 {} 67890}

# Check out the length() function
#
do_test func-1.0 {
execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {4 2 7 8 4}
do_test func-1.1 {
set r [catch {execsql {SELECT length(*) FROM tbl1 ORDER BY t1}} msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.2 {
set r [catch {execsql {SELECT length(t1,5) FROM tbl1 ORDER BY t1}} msg]
lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.3 {
execsql {SELECT length(t1), count(*) FROM tbl1 GROUP BY length(t1)
ORDER BY length(t1)}
} {2 1 4 2 7 1 8 1}
do_test func-1.4 {
execsql {SELECT coalesce(length(a),-1) FROM t2}
} {1 -1 3 -1 5}

# Check out the substr() function
#
do_test func-2.0 {
execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {fr is pr so th}
do_test func-2.1 {
execsql {SELECT substr(t1,2,1) FROM tbl1 ORDER BY t1}
} {r s r o h}
do_test func-2.2 {
execsql {SELECT substr(t1,3,3) FROM tbl1 ORDER BY t1}
} {ee {} ogr ftw is}
do_test func-2.3 {
execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.4 {
execsql {SELECT substr(t1,-1,2) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.5 {
execsql {SELECT substr(t1,-2,1) FROM tbl1 ORDER BY t1}
} {e i a r i}
do_test func-2.6 {
execsql {SELECT substr(t1,-2,2) FROM tbl1 ORDER BY t1}
} {ee is am re is}
do_test func-2.7 {
  execsql {SELECT substr(t1,-4,2) FROM tbl1 ORDER BY t1}
} {fr {} gr wa th}
do_test func-2.8 {
  execsql {SELECT t1 FROM tbl1 ORDER BY substr(t1,2,20)}
} {this software free program is}
do_test func-2.9 {
  execsql {SELECT substr(a,1,1) FROM t2}
} {1 {} 3 {} 6}
do_test func-2.10 {
  execsql {SELECT substr(a,2,2) FROM t2}
} {{} {} 45 {} 78}

# Only do the following tests if TCL has UTF-8 capabilities
#
if {"u1234"!="u1234"} {

# Put some UTF-8 characters in the database
#
do_test func-3.0 {
  execsql {DELETE FROM tbl1}
  foreach word "contains UTF-8 characters hi\u1234ho" {
    execsql "INSERT INTO tbl1 VALUES('$word')"
  }
  execsql {SELECT t1 FROM tbl1 ORDER BY t1}
} "UTF-8 characters contains hi\u1234ho"
do_test func-3.1 {
  execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {5 10 8 5}
do_test func-3.2 {
  execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {UT ch co hi}
do_test func-3.3 {
  execsql {SELECT substr(t1,1,3) FROM tbl1 ORDER BY t1}
} "UTF cha con hi\u1234"
do_test func-3.4 {
  execsql {SELECT substr(t1,2,2) FROM tbl1 ORDER BY t1}
} "TF ha on \i\u1234"
do_test func-3.5 {
  execsql {SELECT substr(t1,2,3) FROM tbl1 ORDER BY t1}
} "TF- har ont \i\u1234h"
do_test func-3.6 {
  execsql {SELECT substr(t1,3,2) FROM tbl1 ORDER BY t1}
} "F- ar nt \u1234h"
do_test func-3.7 {
  execsql {SELECT substr(t1,4,2) FROM tbl1 ORDER BY t1}
} "-8 ra ta ho"
execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
] "8 s s o"
do_test func-3.9 {
  execsql {SELECT substr(t1,-3,2) FROM tbl1 ORDER BY t1}
} "F- er in \u1234h"
do_test func-3.10 {
  execsql {SELECT substr(t1,-4,3) FROM tbl1 ORDER BY t1}
} "TF- ter ain \u1234h"
do_test func-3.99 {
  execsql {DELETE FROM tbl1}
  foreach word {this program is free software} {
    execsql "INSERT INTO tbl1 VALUES('$word')"
  }
  execsql {SELECT t1 FROM tbl1}
} {this program is free software}

} ;# End \u1234!=u1234

# Test the abs() and round() functions.
#
ifcapable !floatingpoint {
do_test func-4.1 {
  execsql {
    CREATE TABLE t1(a,b,c);
    INSERT INTO t1 VALUES(1,2,3);
    INSERT INTO t1 VALUES(2,12345678901234,-1234567890);
    INSERT INTO t1 VALUES(3,-2,-5);
  }
  catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
ifcapable floatingpoint {
do_test func-4.1 {
  execsql {
    CREATE TABLE t1(a,b,c);
    INSERT INTO t1 VALUES(1,2,3);
    INSERT INTO t1 VALUES(2,1.2345678901234,-12345.67890);
    INSERT INTO t1 VALUES(3,-2,-5);
  }
  catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
do_test func-4.2 {
  catchsql {SELECT abs() FROM t1}
} {1 {wrong number of arguments to function abs()}}
ifcapable floatingpoint {
do_test func-4.3 {
  catchsql {SELECT abs(b) FROM t1 ORDER BY a}
ifcapable !floatingpoint {
  if { ![working_64bit_int] } {
    do_test func-4.3 {
      catchsql {SELECT abs(b) FROM t1 ORDER BY a}
    } {0 {2 12345678901234 2}}
  }
  do_test func-4.4 {
    catchsql {SELECT abs(c) FROM t1 ORDER BY a}
  } {0 {3 1234567890 5}}
}

ifcapable floatingpoint {
  do_test func-4.5 {
    catchsql {SELECT round(a,b,c) FROM t1}
  } {1 {wrong number of arguments to function round()}}
  do_test func-4.6 {
    catchsql {SELECT round(b,2) FROM t1 ORDER BY b}
  } {0 {-2.0 1.23 2.0}}
  do_test func-4.7 {
    catchsql {SELECT round(b,0) FROM t1 ORDER BY a}
  } {0 {2.0 1.0 -2.0}}
  do_test func-4.8 {
    catchsql {SELECT round(c) FROM t1 ORDER BY a}
  } {0 {3.0 -12346.0 -5.0}}
  do_test func-4.9 {
    catchsql {SELECT round(c,a) FROM t1 ORDER BY a}
  } {0 {3.0 -12345.68 -5.0}}
  do_test func-4.10 {
    catchsql {SELECT 'x' || round(c,a) || 'y' FROM t1 ORDER BY a}
  } {0 {x3.0y x-12345.68y x-5.0y}}
  do_test func-4.11 {
    catchsql {SELECT round() FROM t1 ORDER BY a}
  } {1 {wrong number of arguments to function round()}}
  do_test func-4.12 {
    execsql {SELECT coalesce(round(a,2),'nil') FROM t2}
  } {1.0 nil 345.0 nil 67890.0}
  do_test func-4.13 {

execsql {SELECT round(t1,2) FROM tbl1}
] {0.0 0.0 0.0 0.0 0.0}
do_test func-4.14 {
  execsql {SELECT typeof(round(5.1,1));}
} {real}
do_test func-4.15 {
  execsql {SELECT typeof(round(5.1));}
} {real}
do_test func-4.16 {
  catchsql {SELECT round(b,2.0) FROM t1 ORDER BY b}
} {0 {-2.0 1.23 2.0}}
# Verify some values reported on the mailing list.
# Some of these fail on MSVC builds with 64-bit
# long doubles, but not on GCC builds with 80-bit
# long doubles.
for {set i 1} {$i<999} {incr i} {
  set x1 [expr 40222.5 + $i]
  set x2 [expr 40223.0 + $i]
  do_test func-4.17.$i {
    execsql {SELECT round($x1);}
  } $x2
}
for {set i 1} {$i<999} {incr i} {
  set x1 [expr 40222.05 + $i]
  set x2 [expr 40222.10 + $i]
  do_test func-4.18.$i {
    execsql {SELECT round($x1,1);}
  } $x2
}
do_test func-4.20 {
  execsql {SELECT round(40223.4999999999999);}
} {40223.0}
do_test func-4.21 {
  execsql {SELECT round(40224.4999999999999);}
} {40224.0}
do_test func-4.22 {
  execsql {SELECT round(40225.4999999999999);}
} {40225.0}
for {set i 1} {$i<10} {incr i} {
  do_test func-4.23.$i {
    execsql {SELECT round(40223.4999999999999,$i);}
  } {40223.5}
  do_test func-4.24.$i {
    execsql {SELECT round(40224.4999999999999,$i);}
  } {40224.5}
  do_test func-4.25.$i {
    execsql {SELECT round(40225.4999999999999,$i);}
  } {40225.5}
for {set i 10} {i<32} {incr i} {
    do_test func-4.26.$i {
        execsql {SELECT round(40223.49999999999,$i);} {40223.49999999999}
    }
    do_test func-4.27.$i {
        execsql {SELECT round(40224.49999999999,$i);} {40224.49999999999}
    }
    do_test func-4.28.$i {
        execsql {SELECT round(40225.49999999999,$i);} {40225.49999999999}
    }
    do_test func-4.29 {
        execsql {SELECT round(1234567890.5);} {1234567891.0}
    }
    do_test func-4.30 {
        execsql {SELECT round(12345678901.5);} {12345678902.0}
    }
    do_test func-4.31 {
        execsql {SELECT round(123456789012.5);} {123456789013.0}
    }
    do_test func-4.32 {
        execsql {SELECT round(1234567890123.5);} {1234567890124.0}
    }
    do_test func-4.33 {
        execsql {SELECT round(12345678901234.5);} {12345678901235.0}
    }
    do_test func-4.34 {
        execsql {SELECT round(1234567890123.35,1);} {1234567890123.4}
    }
    do_test func-4.35 {
        execsql {SELECT round(1234567890123.445,2);} {1234567890123.45}
    }
    do_test func-4.36 {
        execsql {SELECT round(99999999999994.5);} {99999999999995.0}
    }
    do_test func-4.37 {
        execsql {SELECT round(9999999999999.55,1);} {9999999999999.6}
    }
    do_test func-4.38 {
        execsql {SELECT round(99999999999999.556,2);} {99999999999999.56}
    }
}

# Test the upper() and lower() functions
#
do_test func-5.1 {
    execsql {SELECT upper(t1) FROM tbl1}
do_test func-5.2 {
execsql {SELECT lower(upper(t1)) FROM tbl1}
} {this program is free software

do_test func-5.3 {
execsql {SELECT upper(a), lower(a) FROM t2}
} {1 1 {} {} 345 345 {} {} 67890 67890}
ifcapable !icu {

do_test func-5.4 {
catchsql {SELECT upper(a,5) FROM t2}
} {1 {wrong number of arguments to function upper()}}
}
do_test func-5.5 {
catchsql {SELECT upper(*) FROM t2}
} {1 {wrong number of arguments to function upper()}}

# Test the coalesce() and nullif() functions
#
do_test func-6.1 {
execsql {SELECT coalesce(a,'xyz') FROM t2}
} {1 xyz 345 xyz 67890}
do_test func-6.2 {
execsql {SELECT coalesce(upper(a),'nil') FROM t2}
} {1 nil 345 nil 67890}
do_test func-6.3 {
execsql {SELECT coalesce(nullif(1,1),'nil')} 
} {nil}
do_test func-6.4 {
execsql {SELECT coalesce(nullif(1,2),'nil')} 
} {1}
do_test func-6.5 {
execsql {SELECT coalesce(nullif(1,NULL),'nil')} 
} {1}

# Test the last_insert_rowid() function
#
do_test func-7.1 {
execsql {SELECT last_insert_rowid()}
} [db last_insert_rowid]

# Tests for aggregate functions and how they handle NULLs.
#
ifcapable floatingpoint {
do_test func-8.1 {
ifcapable explain {
execsql {EXPLAIN SELECT sum(a) FROM t2;}}
}
execsql {
    SELECT sum(a), count(a), round(avg(a),2), min(a), max(a), count(*) FROM t2;
} {68236 3 22745.33 1 67890 5}
}
ifcapable !floatingpoint {
do_test func-8.1 {
    ifcapable explain {
        execsql {EXPLAIN SELECT sum(a) FROM t2;}
    }
    execsql {
        SELECT sum(a), count(a), avg(a), min(a), max(a), count(*) FROM t2;
    } {68236 3 22745.0 1 67890 5}
    do_test func-8.2 {
        execsql {
            SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t2;
        } {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
    }
    ifcapable tempdb {
do_test func-8.3 {
        execsql {
            CREATE TEMP TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
            SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
        } {z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
    } else {
do_test func-8.3 {
        execsql {
            CREATE TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
            SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
        } {z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
    }
    do_test func-8.4 {
        execsql {
            SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
        } {z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP}
    }
    ifcapable compound {
do_test func-8.5 {
        execsql {
            SELECT sum(x) FROM (SELECT '9223372036' || '854775807' AS x
                UNION ALL SELECT -9223372036854775807)
        } {0}
    }
do_test func-8.6 {
    execsql {
        SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775807' AS x
                                 UNION ALL SELECT -9223372036854775807)
        }
    } {integer}
}
do_test func-8.7 {
    execsql {
        SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775808' AS x
                                 UNION ALL SELECT -9223372036854775807)
        }
    } {real}
ifcapable floatingpoint {
    do_test func-8.8 {
        execsql {
            SELECT sum(x)>0.0 FROM (SELECT '9223372036' || '854775808' AS x
                                     UNION ALL SELECT -9223372036850000000)
            }
        } {1}
    }
    ifcapable !floatingpoint {
    do_test func-8.8 {
        execsql {
            SELECT sum(x)>0 FROM (SELECT '9223372036' || '854775808' AS x
                                     UNION ALL SELECT -9223372036850000000)
            }
        } {1}
    }
    }
)

# How do you test the random() function in a meaningful, deterministic way?
#
do_test func-9.1 {
    execsql {
        SELECT random() is not null;
    }
    } {1}
do_test func-9.2 {
    execsql {
        SELECT typeof(random());
    }
    } {integer}
do_test func-9.3 {
    execsql {
        SELECT randomblob(32) is not null;
    }
    } {1}
do_test func-9.4 {
execsql {
    SELECT typeof(randomblob(32));
}
} {blob}
do_test func-9.5 {
    execsql {
        SELECT length(randomblob(32)), length(randomblob(-5)),
        length(randomblob(2000))
    }
} {32 1 2000}

# The "hex()" function was added in order to be able to render blobs
# generated by randomblob(). So this seems like a good place to test
# hex().
#
#if capable bloblit {
    do_test func-9.10 {
        execsql {SELECT hex(x'00112233445566778899aAbBeCdDeEfF')}  
        } {00112233445566778899AABBCCDDEEFF}
    }
set encoding [db one {PRAGMA encoding}]
if {$encoding eq "UTF-16le"} {
    do_test func-9.11-utf16le {
        execsql {SELECT hex(replace('abcdefg','ef','12'))}
        } {6100620063006400650066006700}
    do_test func-9.12-utf16le {
        execsql {SELECT hex(replace('abcdefg','','12'))}
        } {6100620063006400650066006700}
    do_test func-9.13-utf16le {
        execsql {SELECT hex(replace('aababcdefg','a','aaa'))}
        } {61006100610061006100620063006400650066006700}
} elseif {$encoding eq "UTF-8"} {
    do_test func-9.11-utf8 {
        execsql {SELECT hex(replace('abcdefg','ef','12'))}
        } {61626364313267}
    do_test func-9.12-utf8 {
        execsql {SELECT hex(replace('abcdefg','','12'))}
        } {61626364656667}
    do_test func-9.13-utf8 {
        execsql {SELECT hex(replace('aababcdefg','a','aaa'))}
        } {6161616161626364656667}
} }

# Use the "sqlite_register_test_function" TCL command which is part of
# the text fixture in order to verify correct operation of some of
# the user-defined SQL function APIs that are not used by the built-in
# functions.
#
set ::DB [sqlite3_connection_pointer db]
sqlite_register_test_function ::DB testfunc
do_test func-10.1 {
catchsql {
    SELECT testfunc(NULL,NULL);
}
} {1} {first argument should be one of: int int64 string double null value}
do_test func-10.2 {
execsql {
    SELECT testfunc('string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'int', 1234);
}
} {1234}
do_test func-10.3 {
execsql {
    SELECT testfunc('string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'int', NULL);
}
} {{}}
ifcapable floatingpoint {
do_test func-10.4 {
execsql {
    SELECT testfunc('string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'double', 1.234);
}
} {1.234}
do_test func-10.5 {
execsql {
    SELECT testfunc('string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ', 'double', 1.234
}
} {1.234}
# Test the built-in sqlite_version(*) SQL function.

do_test func-11.1 {
  execsql {
    SELECT sqlite_version(*);
  }
} [sqlite3 -version]

# Test that destructors passed to sqlite3 by calls to sqlite3_result_text()
# etc. are called. These tests use two special user-defined functions
# (implemented in func.c) only available in test builds.

# Function test_destructor() takes one argument and returns a copy of the
# text form of that argument. A destructor is associated with the return
# value. Function test_destructor_count() returns the number of outstanding
# destructor calls for values returned by test_destructor().

if {
  [db eval {PRAGMA encoding}]=='UTF-8'
} {
  do_test func-12.1-utf8 {
    execsql {
      SELECT test_destructor('hello world'), test_destructor_count();
    }
  } {{hello world} 1}
} else {
  ifcapable {utf16} {
    do_test func-12.1-utf16 {
      execsql {
        SELECT test_destructor16('hello world'), test_destructor_count();
      }
    } {{hello world} 1}
  }
}

do_test func-12.2 {
  execsql {
    SELECT test_destructor_count();
  }
} {0}

do_test func-12.3 {
  execsql {
    SELECT test_destructor('hello')||' world'
  }
} {{hello world}}

do_test func-12.4 {

# Test that the auxdata API for scalar functions works. This test uses
# a special user-defined function only available in test builds,
# test_auxdata(). Function test_auxdata() takes any number of arguments.
do_test func-13.1 {
    execsql {
        SELECT test_auxdata('hello world');
    }
    } {0

do_test func-13.2 {
    execsql {
        CREATE TABLE t4(a, b);
        INSERT INTO t4 VALUES('abc', 'def');
        INSERT INTO t4 VALUES('ghi', 'jkl');
    }
    } {}
do_test func-13.3 {
    execsql {
        SELECT test_auxdata('hello world') FROM t4;
    }
    } {0 1

do_test func-13.4 {
    execsql {
        SELECT test_auxdata('hello world', 123) FROM t4;
    }
    } {1 1
do_test func-13.5 {
  execsql {
    SELECT test_auxdata('hello world', a) FROM t4;
  }
}
do_test func-13.6 {
  execsql {
    SELECT test_auxdata('hello'||'world', a) FROM t4;
  }
}

# Test that auxiliary data is preserved between calls for SQL variables.
do_test func-13.7 {
  set DB [sqlite3_connection_pointer db]
  set sql "SELECT test_auxdata( ?, a ) FROM t4;"
  set STMT [sqlite3_prepare $DB $sql -1 TAIL]
  sqlite3_bind_text $STMT 1 hello\000 -1
  set res [list]
  while { "SQLITE_ROW"==[sqlite3_step $STMT] } {
    lappend res [sqlite3_column_text $STMT 0]
  }
  lappend res [sqlite3_finalize $STMT]
}

# Make sure that a function with a very long name is rejected
do_test func-14.1 {
  catch {
    db function [string repeat X 254] {return "hello"}
  }
}
do_test func-14.2 {
  catch {
    db function [string repeat X 256] {return "hello"}
  }
}
do_test func-15.1 {
  catchsql {select test_error(NULL)}
}
do_test func-15.2 {
  catchsql {select test_error('this is the error message')}
}
do_test func-15.3 {
  catchsql {select test_error('this is the error message',12)}
}
do_test func-15.4 {
# Test the quote function for BLOB and NULL values.
do_test func-16.1 {
    execsql {
        CREATE TABLE tbl2(a, b);
    }
    set STMT [sqlite3_prepare $::DB "INSERT INTO tbl2 VALUES(?, ?)" -1 TAIL]
    sqlite3_bind_blob $::STMT 1 abc 3
    sqlite3_step $::STMT
    sqlite3_finalize $::STMT
    execsql {
        SELECT quote(a), quote(b) FROM tbl2;
    }
} {X'616263' NULL}

# Correctly handle function error messages that include %. Ticket #1354
#
do_test func-17.1 {
    proc testfunc1 args {error "Error %d with %s percents %p"}
    db function testfunc1 ::testfunc1
    catchsql {
        SELECT testfunc1(1,2,3);
    }
} {1 {Error %d with %s percents %p}}

# The SUM function should return integer results when all inputs are integer.
#
do_test func-18.1 {
    execsql {
        CREATE TABLE t5(x);
        INSERT INTO t5 VALUES(1);
        INSERT INTO t5 VALUES(-99);
        INSERT INTO t5 VALUES(10000);
        SELECT sum(x) FROM t5;
    }
} {9902}
if capable floatingpoint {
do_test func-18.2 {
    execsql {
        INSERT INTO t5 VALUES(0.0);
        SELECT sum(x) FROM t5;
    }
} {9902.0}
}

# The sum of nothing is NULL. But the sum of all NULLs is NULL.
do_test func-18.3 {
  execsql {
    DELETE FROM t5;
    SELECT sum(x), total(x) FROM t5;
  } {{ } 0.0}
}
do_test func-18.4 {
  execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
  } {{ } 0.0}
}
do_test func-18.5 {
  execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
  } {{ } 0.0}
}
do_test func-18.6 {
  execsql {
    INSERT INTO t5 VALUES(123);
    SELECT sum(x), total(x) FROM t5
  } {123 123.0}
}

# Ticket #1664, #1669, #1670, #1674: An integer overflow on SUM causes
# an error. The non-standard TOTAL() function continues to give a helpful
# result.

do_test func-18.10 {
  execsql {
    CREATE TABLE t6(x INTEGER);
    INSERT INTO t6 VALUES(1);
    INSERT INTO t6 VALUES(1<<62);
    SELECT sum(x) - ((1<<62)+1) from t6;
  } 0
}
do_test func-18.11 {
  execsql {
    SELECT typeof(sum(x)) FROM t6
  } integer
  ifcapable floatingpoint {
    do_test func-18.12 {
      catchsql {

INSERT INTO t6 VALUES(1<<62);
SELECT sum(x) - ((1<<62)*2.0+1) from t6;
}
} {1 {integer overflow}}
do_test func-18.13 {
execsql {
SELECT total(x) - ((1<<62)*2.0+1) FROM t6
}
} 0.0
}
ifcapable !floatingpoint {
do_test func-18.12 {
catchsql {
INSERT INTO t6 VALUES(1<<62);
SELECT sum(x) - ((1<<62)*2+1) from t6;
}
} {1 {integer overflow}}
do_test func-18.13 {
execsql {
SELECT total(x) - ((1<<62)*2+1) FROM t6
}
} 0.0
}
if {
[working_64bit_int]}
{do_test func-18.14 {
execsql {
SELECT sum(-9223372036854775805);
}
} -9223372036854775805
}
ifcapable compound&&subquery {
do_test func-18.15 {
catchsql {
SELECT sum(x) FROM
(SELECT 9223372036854775807 AS x UNION ALL
SELECT 10 AS x);
}
} {1 {integer overflow}}
if {
[working_64bit_int]}
{do_test func-18.16 {
catchsql {
SELECT sum(x) FROM
(SELECT 9223372036854775807 AS x UNION ALL
SELECT -10 AS x);
}
} {0 9223372036854775797}
}
catchsql {
  SELECT sum(x) FROM
    (SELECT -9223372036854775807 AS x UNION ALL
     SELECT 10 AS x);
}
} {0 -9223372036854775797}

do_test func-18.18 {
  catchsql {
    SELECT sum(x) FROM
      (SELECT -9223372036854775807 AS x UNION ALL
       SELECT -10 AS x);
  }
} {1 {integer overflow}}

do_test func-18.19 {
  catchsql {
    SELECT sum(x) FROM (SELECT 9 AS x UNION ALL SELECT -10 AS x);
  }
} {0 -1}

do_test func-18.20 {
  catchsql {
    SELECT sum(x) FROM (SELECT -9 AS x UNION ALL SELECT 10 AS x);
  }
} {0 1}

do_test func-18.21 {
  catchsql {
    SELECT sum(x) FROM (SELECT -10 AS x UNION ALL SELECT 9 AS x);
  }
} {0 -1}

do_test func-18.22 {
  catchsql {
    SELECT sum(x) FROM (SELECT 10 AS x UNION ALL SELECT -9 AS x);
  }
} {0 1}

} ;# if capable compound&&subquery

# Integer overflow on abs()
#
if {[working_64bit_int]} {
  do_test func-18.31 {
    catchsql {
      SELECT abs(-9223372036854775807);
    }
} {0 9223372036854775807}
  do_test func-18.32 {
    catchsql {
SELECT abs(-9223372036854775807-1);
}
} {1 {integer overflow}}

# The MATCH function exists but is only a stub and always throws an error.
#
do_test func-19.1 {
execsql {
   SELECT match(a,b) FROM t1 WHERE 0;
}
} {}
do_test func-19.2 {
catchsql {
   SELECT 'abc' MATCH 'xyz';
}
} {1 {unable to use function MATCH in the requested context}}
do_test func-19.3 {
catchsql {
   SELECT 'abc' NOT MATCH 'xyz';
}
} {1 {unable to use function MATCH in the requested context}}
do_test func-19.4 {
catchsql {
   SELECT match(1,2,3);
}
} {1 {wrong number of arguments to function match()}}

# Soundex tests.
#
if ![catch {db eval {SELECT soundex('hello')}}] {
set i 0
foreach {name sdx} {
   euler  E460
   EULER  E460
   Euler  E460
   ellery  E460
   gauss  G200
   ghosh  G200
   hilbert  H416
   Heilbron  H416
   knuth  K530
   kant  K530
   Lloyd  L300
   LADD  L300
   Lukasiewicz  L222
   Lissajous  L222
   A  A000
   12345  ?000
}
# Tests of the REPLACE function.
#
# do_test func-21.1 {
#   catchsql {
#       SELECT replace(1,2);
#   }
#   } {1 {wrong number of arguments to function replace()}}
# do_test func-21.2 {
#   catchsql {
#       SELECT replace(1,2,3,4);
#   }
#   } {1 {wrong number of arguments to function replace()}}
# do_test func-21.3 {
        execsql {
            SELECT typeof(replace("This is the main test string", NULL, "ALT"));
        }
        } {null}
# do_test func-21.4 {
        execsql {
            SELECT typeof(replace(NULL, "main", "ALT"));
        }
        } {null}
# do_test func-21.5 {
        execsql {
            SELECT typeof(replace("This is the main test string", "main", NULL));
        }
        } {null}
# do_test func-21.6 {
        execsql {
            SELECT replace("This is the main test string", "main", "ALT");
        }
        } {{This is the ALT test string}}
# do_test func-21.7 {
        execsql {
            SELECT replace("This is the main test string", "main", "larger-main");
        }
        } {{This is the larger-main test string}}
# do_test func-21.8 {
        execsql {
            SELECT replace("aaaaaaa", "a", "0123456789");
ifcapable tclvar

do_test func-21.9 {
  # Attempt to exploit a buffer-overflow that at one time existed
  # in the REPLACE function.
  set ::str "[string repeat A 29998]CC[string repeat A 35537]"
  set ::rep [string repeat B 65536]
  execsql {
    SELECT LENGTH(REPLACE($::str, 'C', $::rep));
  }
} [expr 29998 + 2*65536 + 35537]

# Tests for the TRIM, LTRIM and RTRIM functions.
#
do_test func-22.1 {
  catchsql {SELECT trim(1,2,3)}
} {1 {wrong number of arguments to function trim()}}

do_test func-22.2 {
  catchsql {SELECT ltrim(1,2,3)}
} {1 {wrong number of arguments to function ltrim()}}

do_test func-22.3 {
  catchsql {SELECT rtrim(1,2,3)}
} {1 {wrong number of arguments to function rtrim()}}

do_test func-22.4 {
  execsql {SELECT trim('  hi  ')};
} {hi}

do_test func-22.5 {
  execsql {SELECT ltrim('  hi  ')};
} {{hi}}

do_test func-22.6 {
  execsql {SELECT rtrim('  hi  ')};
} {{ hi}}

do_test func-22.7 {
  execsql {SELECT trim('  hi  ','xyz')};
} {{  hi  }}

do_test func-22.8 {
  execsql {SELECT ltrim('  hi  ','xyz')};
} {{ hi }}

do_test func-22.9 {
  execsql {SELECT rtrim('  hi  ','xyz')};
} {{ hi }}

do_test func-22.10 {
  execsql {SELECT trim('xyzzy  hi  zzy','xyz')};
} {{ hi }}

do_test func-22.11 {
}
execsql {SELECT ltrim('xyxzy hi zzzy','xyz');} 
} {{ hi zzzy}}
do_test func-22.12 {
execsql {SELECT rtrim('xyxzy hi zzzy','xyz');} 
} {{xyxzy hi}}
do_test func-22.13 {
execsql {SELECT trim(‘ hi ’,’’);} 
} {{ hi }}
if {

} {

}
do_test func-22.14 {
execsql {SELECT hex(trim(x’c280e1bfbff48fbff6869’,x’6162e1bfbfc280’))} 
} {F48FBFBF6869}
do_test func-22.15 {
execsql {SELECT hex(trim(x’6869c280e1bfbff48fbff61’, 

} {6869}
do_test func-22.16 {
execsql {SELECT hex(trim(x’ceb1ceb2ceb3’,x’ceb1’));} 
} {CEB2CEB3}
do_test func-22.20 {
execsql {SELECT typeof(trim(NULL));} 
} {null}
do_test func-22.21 {
execsql {SELECT typeof(trim(NULL,’xyz’));} 
} {null}
do_test func-22.22 {
execsql {SELECT typeof(trim(‘hello’,NULL));} 
} {null}

# This is to test the deprecated sqlite3_aggregate_count() API.
#
if capable deprecated {
do_test func-23.1 {
sqlite3_create_aggregate db
execsql {
    SELECT legacy_count() FROM t6;
}
} {3}
}

# The group_concat() function.
#
do_test func-24.1 {
execsql {
    SELECT group_concat(t1) FROM tbl1
}
} {this,program,is,free,software}
do_test func-24.2 {
  execsql {
    SELECT group_concat(t1,'') FROM tbl1
  }
} {{(this program is free software)}}
do_test func-24.3 {
  execsql {
    SELECT group_concat(t1,' || rowid || ') FROM tbl1
  }
} {{(this 2 program 3 is 4 free 5 software)}}
do_test func-24.4 {
  execsql {
    SELECT group_concat(NULL,t1) FROM tbl1
  }
} {{}}
do_test func-24.5 {
  execsql {
    SELECT group_concat(t1,NULL) FROM tbl1
  }
} {{thisprogramisfreesoftware}}
do_test func-24.6 {
  execsql {
    SELECT 'BEGIN-||group_concat(t1)' FROM tbl1
  }
} {{BEGIN-this,program,is,free,software}}

# Ticket #3179: Make sure aggregate functions can take many arguments.
# None of the built-in aggregates do this, so use the md5sum() from the
# test extensions.
#
unset -nocomplain midargs
set midargs {}
unset -nocomplain midres
set midres {}
unset -nocomplain result
for {set i 1} {$i<[sqlite3_limit db SQLITE_LIMIT_FUNCTION_ARG -1]} {incr i} {
  append midargs '/$i'
  append midres '/$i'
  set result [md5 "$this${midres}program${midres}is${midres}free${midres}software${midres}"
  set sql "SELECT md5sum(t1$midargs) FROM tbl1"
  do_test func-24.7.$i {
    db eval $::sql
  } $result
}

# Ticket #3806. If the initial string in a group_concat is an empty
# string, the separator that follows should still be present.
do_test func-24.8 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN '' ELSE t1 END) FROM tbl1
  }
} {,program,is,free,software}
do_test func-24.9 {
  execsql {
    SELECT group_concat(CASE WHEN t1!='software' THEN '' ELSE t1 END) FROM tbl1
  }
} {,,,,software}
do_test func-24.10 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN null ELSE t1 END) FROM tbl1
  }
} {program,is,free,software}
do_test func-24.11 {
  execsql {
    SELECT group_concat(CASE WHEN t1!='software' THEN null ELSE t1 END) FROM tbl1
  }
} {software}
do_test func-24.12 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN ''
                    WHEN 'program' THEN null ELSE t1 END) FROM tbl1
  }
} {,is,free,software}

# Use the test_isolation function to make sure that type conversions
# on function arguments do not effect subsequent arguments.
#
do_test func-25.1 {
  execsql {SELECT test_isolation(t1,t1) FROM tbl1}
} {this program is free software}

# Try to misuse the sqlite3_create_function() interface. Verify that
# errors are returned.
#
do_test func-26.1 {
  abuse_create_function db
} {}
# function name that takes many arguments and always returns NULL. Verify
# that this function works correctly.
#
do_test func-26.2 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG} {incr i} {
lappend a $i
}
db eval "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789([join $a ,]);
"
} {{}}
do_test func-26.3 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG+1} {incr i} {
lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789([join $a ,]);
"
} {1 {too many arguments on function
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789}}
do_test func-26.4 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG-1} {incr i} {
lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789([join $a ,]);
"
} {1 {wrong number of arguments to function
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789()}}
do_test func-26.5 {
catchsql "
SELECT

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nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_12345678a(0);
"
} {1 {no such function:
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_12345678a}}
do_test func-26.6 {
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789a(0);
"
} {1 {no such function:
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789a}}
do_test func-27.1 {
catchsql {SELECT coalesce()}
} {1 {wrong number of arguments to function coalesce()}}
do_test func-27.2 {
catchsql {SELECT coalesce(1)}
} {1 {wrong number of arguments to function coalesce()}}
do_test func-27.3 {
catchsql {SELECT coalesce(1,2)}
} {0 1}
# Ticket 2d401a94287b5
# Unknown function in a DEFAULT expression causes a segfault.
#
do_test func-28.1 {
db eval {
CREATE TABLE t28(x, y DEFAULT(nosuchfunc(1)));
}
catchsql {
INSERT INTO t28(x) VALUES(1);
}
} {1 {unknown function: nosuchfunc()}}
# Verify that the length() and typeof() functions do not actually load
# the content of their argument.
#
do_test func-29.1 {
db eval {
CREATE TABLE t29(id INTEGER PRIMARY KEY, x, y);

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INSERT INTO t29 VALUES(1, 2, 3), (2, NULL, 4), (3, 4.5, 5);
INSERT INTO t29 VALUES(4, randomblob(1000000), 6);
INSERT INTO t29 VALUES(5, "hello", 7);
}
db close
sqlite3 db test.db
sqlite3_db_status db CACHE_MISS 1
db eval (SELECT typeof(x), length(x), typeof(y) FROM t29 ORDER BY id)
} {integer 1 integer null {} integer real 3 integer blob 1000000 integer text 5 integer}
do_test func-29.2 {
set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
if {$x<5} {set x 1}
set x
} {1}
do_test func-29.3 {
db close
sqlite3 db test.db
sqlite3_db_status db CACHE_MISS 1
db eval (SELECT typeof(+x) FROM t29 ORDER BY id)
} {integer null real blob text}
if {[permutation] != "mmap"} {
do_test func-29.4 {
set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
if {$x>100} {set x many}
set x
} {many}
}
do_test func-29.5 {
db close
sqlite3 db test.db
sqlite3_db_status db CACHE_MISS 1
db eval (SELECT sum(length(x)) FROM t29)
} {1000009}
do_test func-29.6 {
set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
if {$x<5} {set x 1}
set x
} {1}
do_execsql_test func-30.1 {SELECT unicode('$');} 36
do_execsql_test func-30.2 [subst {SELECT unicode('u00A2');}] 162
do_execsql_test func-30.3 [subst {SELECT unicode('u20AC');}] 8364
do_execsql_test func-30.4 {SELECT char(36,162,8364);} [subst {$u00A2\u20AC}]
for {set i 1} {$i<0xd800} {incr i 13} {
do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 57344} {$i<=0xfffd} {incr i 17} {

if {$i==0xfeff} continue
do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 65536} {$i<=0x10ffff} {incr i 139} {
  do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 October 1
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
#  May you do good and not evil.
#  May you find forgiveness for yourself and forgive others.
#  May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS1 module, and in particular
# the Porter stemmer.
#
# $Id: fts1porter.test,v 1.5 2006/10/03 19:37:37 drh Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
ifcapable !fts1 {
  finish_test
  return
}

# Test data for the Porter stemmer. The first word of each line
# is the input. The second word is the desired output.
#
# This test data is taken from http://www.tartarus.org/martin/PorterStemmer/
# There is no claim of copyright made on that page, but you should
# probably contact the author (Martin Porter - the inventor of the
# Porter Stemmer algorithm) if you want to use this test data in a
# commerical product of some kind. The stemmer code in FTS1 is a
set porter_test_data {
a        a
  aaron   aaron
  abaissiez abaissiez
  abandon abandon
  abandoned abandon
  abase    abas
  abash    abash
  abate    abat
  abated   abat
  abatement abat
  abatements abat
  abates   abat
  ab cess  abcess
  abbey    abbei
  abbeys   abbei
  abominable abomin
  abbot    abbot
  ab bouts abbot
  abbreviated abbrevi
  abed     ab
  abel     abel
  aberga   aberga
  abergavenny abergavenni
  abet     abet
  abetting abet
  abhominable abhomin
  abhor    abhor
  abhorr   abhorr
  abhorred abhor
  abhorr ing abhor
  abhors   abhor
  abhorson abhorson
  abide    abid
  abides   abid
  abilities abil
  ability   abil
  abject   abject
  abjectly abj ectli
  abjects  abject
  abjur    abjur
  abjure   abjur
  able     abl
  abler    abler
  aboard   aboard
Open Source Used In Cisco Optical Network Planner 4.2.2  21205

abode  abod
aboded  abod
abodelements  abod
aboding  abod
abominable  abomin
abominably  abomin
abominations  abomin
abortive  abort
abortives  abort
abound  abound
abounding  abound
about  about
above  abov
abr  abr
abraham  abraham
abram  abram
abreast  abreast
abridg  abridg
abridge  abridg
abridged  abridg
abridgment  abridg
abroach  abroach
abroad  abroad
abrogate  abrog
abrook  abrook
abrupt  abrupt
abruption  abrupt
abruptly  abruptli
absence  absenc
absent  absent
absey  absei
absolute  absolut
absolutely  absolut
absolv  absolv
absolver  absolv
abstains  abstain
abstemious  abstemi
abstinence  abstin
abstract  abstract
absurd  absurd
absyrtus  absyrtu
abundance  abund
abundant  abund
abundantly  abundantli
abus  abu
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| aha       | aha       |
| ahungry   | ahungri   |
| ai        | ai        |
| aialvolio | aialvolio |
| aiaria    | aiaria    |
| aid       | aid       |
| aidance   | aidanc    |
| aidant    | aidant    |
| aided     | aid       |
| aiding    | aid       |
| aidless   | aidless   |
| aids      | aid       |
| ail       | ail       |
| aim       | aim       |
| aimed     | aim       |
| aimest    | aimest    |
| aiming    | aim       |
| aims      | aim       |
| ainsi     | ainsi     |
| aio       | aio       |
| air       | air       |
| aired     | air       |
| airless   | airless   |
| airs      | air       |
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| alabaster | alabast   |
| alack     | alack     |
| alacrity  | alacr     |
| alarbus   | alarbu    |
| alarm     | alarm     |
| alarms    | alarm     |
| alarum    | alarum    |
| alarums   | alarum    |
| alas      | ala       |
| alb       | alb       |
| albani    | alban     |
| albans    | alban     |
| alben     | alban     |
| albeny    | albani    |
| albeit    | albeit    |
| albion    | albion    |
| alchemist | alchemist |
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| alcides   | alcid     |
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allowed     allow
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allure      allur
allurement  allur
alluring    allur
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allycholly  allycholli
almain      almain
almanac     almanac
almanack    almanack
almanacs    almanac
almighty    almighty
almond      almond
almost      almost
alms        alm
almsman     almsman
aloes       alo
aloft       aloft
alone       alon
along       along
alonso      alonso
aloof       aloof
 aloud       aloud
alphabet    alphabet
alphabetical alphabet
alphonso    alphonso
alps        alp
already     already
also        also
alt         alt
altar       altar
altars      altar
alter       alter
alteration  alter
altered     alter
alters      alter
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archibald archibald
archidamus archidamu
architect architect
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arithmetic arithmet
arithmetician arithmetician
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avaricious avarici
avaunt   avaunt
ave       av
aveng     aveng
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averring  aver
avert     avert
aves      av
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avoided   avoid
avoiding  avoid
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avouched  avouch
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aweary     aweari
aweless    aweless
awful      aw
awhile     awhil
awkward    awkward
awl        awl
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awry       awri
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axletree  axletre
ay  ay
aye  ay
ayez  ayez
ayli  ayli
azure  azur
azure  azur
b  b
ba  ba
baa  baa
babbl  babbl
babble  babbl
babbling  babbl
babe  babe
babes  babe
babies  babi
baboon  baboon
baboons  baboon
baby  babi
babylon  babylon
bacare  bacar
bacchanals  bacchan
bacchus  bacchu
bach  bach
bachelor  bachelor
bachelors  bachelor
back  back
backbite  backbit
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backing  back
backs  back
backward  backward
backwardly  backwardli
backwards  backward
bacon  bacon
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beckon   beckon
beckons  beckon
becks    beck
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become   becom
becomed  becom
becomes  becom
becoming becom
becomings becom
bed      bed
bedabbled bedabbl
bedash   bedash
bedaub   bedaub
bedazzled bedazzl
bedchamber bedchamb
bedclothes bedcloth
bedded   bed
bedeck   bedeck
bedecking bedeck
bedew    bedew
bedfellows bedfellow
bedfellow bedfellow
bedford  bedford
bedlam   bedlam
bedrench bedrench
bedrid   bedrid
beds     bed
bedtime  bedtim
bedward  bedward
bee      bee
beef     beef
beefs    beef
beehives beehiv
been     been
beer     beer
bees     bee
beest    beest
beetle   beetl
beetles  beetl
beev     beev
befall   befal
befallen befallen
befalls  befal
befell   befel
befs     befel
befits   befit
befitted  befit
befitting  befit
befor  befor
before  befor
beforehand  beforehand
befortune  befortun
befriend  befriend
befriended  befriend
befriends  befriend
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began  began
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begins  begin
begnawn  begnawn
begone  begon
begot  begot
begotten  begotten
begrimed  begrim
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beguil  beguïl
beguïle  beguïl
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begun  begun
behalf  behalf
behalfs  behalf
behav  behav
behaved  behav
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behavior  behavior
behaviors  behavior
behaviour  behaviour
behaviours  behaviour
benevolences  benevol
benied  beni
benison  benison
bennet  bennet
bent  bent
bentii  bentii
bentivolii  bentivolii
bents  bent
benumbed  benumb
benvolio  benvolio
bepaint  bepaint
bepray  beprai
bequeath  bequeath
bequeathed  bequeath
bequeathing  bequeath
bequest  bequest
ber  ber
berard  berard
berattle  berattl
beray  berai
bere  bere
bereave  bereav
bereaved  bereav
bereaves  bereav
bereft  bereft
bergamo  bergamo
bergomask  bergomask
berhym  berhym
berhyme  berhym
berkeley  berkelei
bermoothes  bermooth
bernardo  bernardo
berod  berod
berowne  berown
berri  berri
berries  berri
berrord  berrord
berry  berri
bertram  bertram
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beseemeth  beseemeth
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beseems       beseem
biset          beset
beshrew        beshrew
beside         besid
besides        besid
besiege        besieg
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besmear        besmear
besmeared      besmear
besmirch       besmirch
besom          besom
besort         besort
besotted       besot
bespake        bespak
bespeak        bespeak
bespice        bespic
bespoke        bespok
bespotted      bespot
bess            bess
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best           best
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bestir          bestir
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bestow         bestow
bestowed        bestow
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bestows         bestow
bestraught     bestraught
bestrew         bestrew
bestrid         bestrid
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bet             bet
betake         betak
beteem          beteem
bethink         bethink
bethought      bethought
bethrothed     bethroth
bethump        bethump
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<p>| bringings | bring |
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| british   | british |
| briton    | briton |
| britons   | briton |
| brittany  | brittani |
| brittle   | brittl |
| broach    | broach |
| broached  | broach |
| broad     | broad |
| broader   | broader |
| broadsides| broadsid |
| brocas    | broca |
| brock     | brock |
| brogues   | brogu |
| broil     | broil |
| broiling  | broil |
| broils    | broil |
| broke     | broke |
| broken    | broken |
| brokenly  | brokenli |
| broker    | broker |
| brokers   | broker |
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| broking   | broke |
| brooch    | brooch |
| brooches  | brooch |
| brood     | brood |
| brooded   | brood |
| brooding  | brood |
| brook     | brook |
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| broomstaff| broomstaff |
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# Create a full-text index to use for testing the stemmer.
#
db close
sqlite3 db :memory:
db eval {
CREATE VIRTUAL TABLE t1 USING fts1(word, tokenize Porter);
}

foreach {pfrom pto} $porter_test_data {
do_test fts1porter-$pfrom {
execsql {
DELETE FROM t1_term;
DELETE FROM t1_content;
INSERT INTO t1(word) VALUES($pfrom);
SELECT term FROM t1_term;
}
} $pto
}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a>. No claim of ownership is made

Found in path(s):
No license file was found, but licenses were detected in source scan.

SQLite is high-quality, public domain software. The goal of members can also request their own private, proprietary extensions.

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/*
 ** CAPI3REF: Configuration Options
 ** KEYWORDS: [configuration option]
 **
 ** These constants are the available integer configuration options that can be passed as the first argument to the [sqlite3_config()] interface.
 **
 ** New configuration options may be added in future releases of SQLite. Existing configuration options might be discontinued. Applications should check the return code from [sqlite3_config()] to make sure that the call worked. The [sqlite3_config()] interface will return a non-zero [error code] if a discontinued or unsupported configuration option is invoked.
 **
 ** <dl>
 ** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
 ** </dl>There are no arguments to this option. This option sets the threading mode to Single-thread. In other words, it disables all muting and puts SQLite into a mode where it can only be used by a single thread. If SQLite is compiled with:
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to change the [threading mode] from its default value of Single-thread and so [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD configuration option.
 **
 **<dl>
 ** [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
 ** </dl>There are no arguments to this option. This option sets the threading mode to Multi-thread. In other words, it disables muting on [database connection] and [prepared statement] objects. The application is responsible for serializing access to [database connections] and [prepared statements]. But other mutexes
are enabled so that SQLite will be safe to use in a multi-threaded environment as long as no two threads attempt to use the same [database connection] at the same time.  ^If SQLite is compiled with the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to set the Multi-thread [threading mode] and [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQL_CONFIG_MULTITHREAD configuration option.</dd>

** [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt>

** <dd>There are no arguments to this option.  ^This option sets the [threading mode] to Serialized. In other words, this option enables all mutexes including the recursive mutexes on [database connection] and [prepared statement] objects.

** In this mode (which is the default when SQLite is compiled with [SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access to [database connections] and [prepared statements] so that the application is free to use the same [database connection] or the same [prepared statement] in different threads at the same time.

** ^If SQLite is compiled with the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to set the Serialized [threading mode] and [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQL_CONFIG_SERIALIZED configuration option.</dd>

** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>

** <dd> ^(This option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The argument specifies alternative low-level memory allocation routines to be used in place of the memory allocation routines built into SQLite.)^ ^SQLite makes its own private copy of the content of the [sqlite3_mem_methods] structure before the [sqlite3_config()] call returns.</dd>

** [[SQLITE_CONFIG_GETMALLOC]] <dt>SQLITE_CONFIG_GETMALLOC</dt>

** <dd> ^(This option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The [sqlite3_mem_methods] structure is filled with the currently defined memory allocation routines.)^ This option can be used to overload the default memory allocation routines with a wrapper that simulates memory allocation failure or tracks memory usage, for example. </dd>

** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>

** <dd> ^This option takes single argument of type int, interpreted as a boolean, which enables or disables the collection of memory allocation statistics. ^When memory allocation statistics are disabled, the following SQLite interfaces become non-operational:

** <ul>
** <li> [sqlite3_memory_used()]
** <li> [sqlite3_memory_highwater()]

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Memory allocation statistics are enabled by default unless SQLite is compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory allocation statistics are disabled by default.

** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt> **

This option specifies a static memory buffer that SQLite can use for scratch memory. There are three arguments: A pointer an 8-byte aligned memory buffer from which the scratch allocations will be drawn, the size of each scratch allocation (sz), and the maximum number of scratch allocations (N). The sz argument must be a multiple of 16.

The first argument must be a pointer to an 8-byte aligned buffer of at least sz*N bytes of memory.

SQLite will use no more than two scratch buffers per thread. So N should be set to twice the expected maximum number of threads.

SQLite will never require a scratch buffer that is more than 6 times the database page size. If SQLite needs additional scratch memory beyond what is provided by this configuration option, then [sqlite3_malloc()] will be used to obtain the memory needed.

** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt> **

This option specifies a static memory buffer that SQLite can use for the database page cache with the default page cache implementation. This configuration should not be used if an application-define page cache implementation is loaded using the SQLITE_CONFIG_PCACHE2 option.

There are three arguments to this option: A pointer to 8-byte aligned memory, the size of each page buffer (sz), and the number of pages (N).

The sz argument should be the size of the largest database page (a power of two between 512 and 32768) plus a little extra for each page header. The page header size is 20 to 40 bytes depending on the host architecture. It is harmless, apart from the wasted memory, to make sz a little too large. The first argument should point to an allocation of at least sz*N bytes of memory.

SQLite will use the memory provided by the first argument to satisfy its memory needs for the first N pages that it adds to cache. If additional page cache memory is needed beyond what is provided by this option, then SQLite goes to [sqlite3_malloc()] for the additional storage space.

The pointer in the first argument must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.

** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt> **

This option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided.
for by [SQLITE_CONFIG_SCRATCH] and [SQLITE_CONFIG_PAGECACHE].
** There are three arguments: An 8-byte aligned pointer to the memory,
** the number of bytes in the memory buffer, and the minimum allocation size.
** ^If the first pointer (the memory pointer) is NULL, then SQLite reverts
to using its default memory allocator (the system malloc() implementation),
** undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the
** memory pointer is not NULL and either [SQLITE_ENABLE_MEMSYS3] or
** [SQLITE_ENABLE_MEMSYS5] are defined, then the alternative memory
** allocator is engaged to handle all of SQLites memory allocation needs.
** The first pointer (the memory pointer) must be aligned to an 8-byte
** boundary or subsequent behavior of SQLite will be undefined.
** The minimum allocation size is capped at 2**12. Reasonable values
** for the minimum allocation size are 2**5 through 2**8.</dd>
**
** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>
** <dd> ^(This option takes a single argument which is a pointer to an
** instance of the [sqlite3_mutex_methods] structure. The argument specifies
** alternative low-level mutex routines to be used in place
** the mutex routines built into SQLite.)^ ^SQLite makes a copy of the
** content of the [sqlite3_mutex_methods] structure before the call to
** [sqlite3_config()] returns. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** the entire mutexing subsystem is omitted from the build and hence calls to
** [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will
** return [SQLITE_ERROR].</dd>
**
** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>
** <dd> ^(This option takes a single argument which is a pointer to an
** instance of the [sqlite3_mutex_methods] structure. The
** [sqlite3_mutex_methods]
** structure is filled with the currently defined mutex routines.)^
** This option can be used to overload the default mutex allocation
** routines with a wrapper used to track mutex usage for performance
** profiling or testing, for example. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** the entire mutexing subsystem is omitted from the build and hence calls to
** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will
** return [SQLITE_ERROR].</dd>
**
** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
** <dd> ^(This option takes two arguments that determine the default
** memory allocation for the lookaside memory allocator on each
** [database connection]. The first argument is the
** size of each lookaside buffer slot and the second is the number of
** slots allocated to each database connection.)^ ^This option sets the
** <i>&lt;default&lt;i&gt; lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]
** verb to [sqlite3_db_config()] can be used to change the lookaside
** configuration on individual connections.)^</dd>
**[[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>**
**<dd>^(This option takes a single argument which is a pointer to
**an [sqlite3_pcache_methods2] object. This object specifies the interface
**to a custom page cache implementation.)^  ^SQLite makes a copy of the
**object and uses it for page cache memory allocations.</dd>**
**
**[[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>**
**<dd>^(This option takes a single argument which is a pointer to an
**[sqlite3_pcache_methods2] object. SQLite copies of the current
**page cache implementation into that object.)^</dd>**
**
**[[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>**
**<dd>The SQLITE_CONFIG_LOG option is used to configure the SQLite
**global [error log].
**^(The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
**function with a call signature of void(*)(void*,int,const char*),
**and a pointer to void. ^If the function pointer is not NULL, it is
**invoked by [sqlite3_log()] to process each logging event. ^If the
**function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
**^The void pointer that is the second argument to SQLITE_CONFIG_LOG is
**passed through as the first parameter to the application-defined logger
**function whenever that function is invoked. ^The second parameter to
**the logger function is a copy of the first parameter to the corresponding
**[sqlite3_log()] call and is intended to be a [result code] or an
**[extended result code]. ^The third parameter passed to the logger is
**log message after formatting via [sqlite3_snprintf()].
**The SQLite logging interface is not reentrant; the logger function
**supplied by the application must not invoke any SQLite interface.
**In a multi-threaded application, the application-defined logger
**function must be threadsafe. </dd>**
**
**[[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI
**<dd>This option takes a single argument of type int. If non-zero, then
**URI handling is globally enabled. If the parameter is zero, then URI handling
**is globally disabled. If URI handling is globally enabled, all filenames
**passed to [sqlite3_open()], [sqlite3_open_v2()], [sqlite3_open16()] or
**specified as part of [ATTACH] commands are interpreted as URIs, regardless
**of whether or not the [SQLITE_OPEN_URI] flag is set when the database
**connection is opened. If it is globally disabled, filenames are
**only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the
**database connection is opened. By default, URI handling is globally
**disabled. The default value may be changed by compiling with the
**[SQLITE_USE_URI] symbol defined.
**
**[[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN
**<dd>This option takes a single integer argument which is interpreted as
**a boolean in order to enable or disable the use of covering indices for
** full table scans in the query optimizer. The default setting is determined
** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
** if that compile-time option is omitted.
** The ability to disable the use of covering indices for full table scans
** is because some incorrectly coded legacy applications might malfunction
** malfunction when the optimization is enabled. Providing the ability to
** disable the optimization allows the older, buggy application code to work
** without change even with newer versions of SQLite.
**
** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
** <dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
** <dd> These options are obsolete and should not be used by new code.
** They are retained for backwards compatibility but are now no-ops.
** </dd>
**
** [[SQLITE_CONFIG_SQLLOG]]
** <dt>SQLITE_CONFIG_SQLLOG
** <dd>This option is only available if sqlite is compiled with the
** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
** The second should be of type (void*). The callback is invoked by the library
** in three separate circumstances, identified by the value passed as the
** fourth parameter. If the fourth parameter is 0, then the database connection
** passed as the second argument has just been opened. The third argument
** points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL. In this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>
**
** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt>SQLITE_CONFIG_MMAP_SIZE
** <dd>SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** The default setting can be overridden by each database connection using
** either the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. The maximum allowed mmap size
** cannot be changed at run-time. Nor may the maximum allowed mmap size
** exceed the compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.
** If either argument to this option is negative, then that argument is
** changed to its compile-time default.
** </dd>
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-archive-d7GDY6A0/sqlite-src-3071700.zip-cosi-expand-archive-dNIVkuI7/sqlite-src-3071700/src/sqlite.h.in
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a> and is thus free for

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS3 module.
#
#$Id: fts3ac.test,v 1.1 2007/08/20 17:38:42 shess Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS3 is defined, omit this file.
if capable !fts3 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts3ac-1.1 {
    db eval {
 CREATE VIRTUAL TABLE email USING fts3([from],[to],subject,body);
 BEGIN TRANSACTION;
 INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com, traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.


The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent’s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

<table>
<thead>
<tr>
<th>Volume on Autohedge transaction</th>
<th>Volume Hedged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24990</td>
</tr>
<tr>
<td>2500 - 54995000</td>
<td>5000</td>
</tr>
<tr>
<td>5500 - 64996000</td>
<td></td>
</tr>
</tbody>
</table>

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com, lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think you will need my assistance past the 4 o’clock hour just let me know; I’ll be more than willing to stay.');

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'louise.kitchen@enron.com', '<Concur Expense Document> - CC02.06.02', 'The following expense report is ready for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense. http://expensexms.enron.com');

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work request', 'Julie,
Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide me with your activity reports so I can have Julie enter this information.

JD');
INSERT INTO email([from],[to],subject,body) VALUES('w.weldon@enron.com', 'gary.l.carrier@usa.dupont.com, scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rt/010129/n29305829.html');

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001', 'The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent:Friday, September 21, 2001 8:33 PM
Subject:Producers Newsletter 9-24-2001

');

INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');

INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager

-----Original Message-----
From: Bisbee, Joanne
Sent:Wednesday, September 26, 2001 7:50 AM
To:Fenceroy, LaChandra
Subject:FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent:Tuesday, September 25, 2001 2:41 PM
To:Bisbee, Joanne
Subject:Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy);

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran, 
If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd’s sheets as well.
Thanks.
Dan

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject:worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.
Open Source Used In Cisco Optical Network Planner 4.2.2  21705

BERT);
INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com,'); 'TRV Notification:  (NG - PROPT P/L - 09/27/2001)'; 'The report named: NG - PROPT P/L &lt;http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+-+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&TV1=5&TV1Exp=Y&current_efct_date=09/27/2001&gt; published as of 09/27/2001 is now available for viewing on the website.');
INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');
INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.');
INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --

Here is the information on staffing and outside services. Call if you need anything else.

Jim

');
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,

Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages.

In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');
INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com', 'all_ena_egm_eim@enron.com', 'EWS Brown Bag', 'MARK YOUR LUNCH CALENDARS NOW !

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');
You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: "'chris.germany@enron.com'" <chris.germany@enron.com>
cc:
Subject: About St Pauls

<<About St Pauls.url>>
?
?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

');

INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmccrea@sablaw.com, thompson@wrightlaw.com,' 'Reply Brief filed July 31, 2000', '-CPUC01-#76371-v1-Revised_Reply_Brief__Due_today_7_31_.doc');
INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000, E-Gas (Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations (daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.

INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com', 'rwolkwitz@powermerchants.com', '
Here is a goody for you');

INSERT INTO email([from],[to],subject,body) VALUES('ryan.o''rourke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com', 'TRV Notification: (West VaR - 11/07/2001)', '<http://trv.corp.enron.com/linkFromExcel.asp?report_cd=36&report_name=West+VaR&category_cd=2&category_name=WEST&toc_hide=1&sTV1=2&TV1Exp=Y&current_efct_date=11/07/2001>, published as of 11/07/2001 is now available for viewing on the website.

INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, ggreen2@txu.com, timpowell@txu.com', 'Enron / HPL Actuals for July 10, 2000', 'Teco Tap 10.000 / Enron ; LS HPL LSK IC 30.000 / Enron

INSERT INTO email([from],[to],subject,body) VALUES('susan.pereira@enron.com', 'kkw816@aol.com', 'soccer practice', 'Kathy-

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira');

INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barry.tycholiz@enron.com', 'Huber Internal Memo', 'Please look at this. I didn’t know how deep to go with the desk. Do you think this works.

INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com', '', 'George,

Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForney
3-7160');

INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com', 'Re: (no subject)', 'not yet');

INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com', 'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227
-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.';

http://www.egyptianfestival.com/

- Egyptian Festival.url

');

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'sherry.dawson@enron.com', 'Urgent!!! -- New EAST books', 'This has to be done........................................

Thanks
---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000 08:39 AM ---------------------------

From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal : East Northeast
Dick Jenkins: East Marketeast

WK

');

INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com', 'Change to Stack Manager', 'Effective immediately, there is a change to the Stack Manager which will affect any Inactive Child.

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.
This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

I saw it. Very interesting.

Vince

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: 
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
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To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: 
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert
for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
tax 713-646-8272
cell 713-539-4760

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric

Dear SmartReminders Member,

We respect your privacy and are a Certified Participant of the BBBOnline Privacy Program. To be removed from future offers, click here.
SmartReminders.com is a permission based service. To unsubscribe click here.

INSERT INTO email([from],[to],subject,body) VALUES('benjamin.rogers@enron.com', 'mark.bernstein@enron.com', "The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA's in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!
Ben');

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'michelle.cash@enron.com', 'Expense Report Receipts Not Received', 'Employee Name: Michelle Cash
Report Name: Houston Cellular 8-11-01
Report Date: 12/13/01
Report ID: 594D37C9ED2111D5B452
Submitted On: 12/13/01

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.');

INSERT INTO email([from],[to],subject,body) VALUES('susan.mara@enron.com', 'ray.alvarez@enron.com, karen.denne@enron.com,','CAISO Emergency Motion -- to discontinue market-based rates for', 'FYI. the latest broadside against the generators.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax:(415) 782-7854
----- Forwarded by Susan J Mara/NA/Enron on 06/08/2001 12:24 PM -----

"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM To: "smara@enron.com"
<smara@enron.com> cc: Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


');

INSERT INTO email([from],[to],subject,body) VALUES('fletcher.sturm@enron.com', 'eloy.escobar@enron.com', 'Re: General Brinks Position Meeting', 'Eloy,

Who is General Brinks?

Fletch'});
Here are the documents that Peter has prepared for Mark Frevert.

Nailia
---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 ---------------------------

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

');

Attended are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
- Finalize market analysis to refine business case, specifically projected revenue stream
- Complete counterparty surveying, including targeting 3 CPs for letters of intent
- Review Enron asset base for potential reuse/ licensing
- Contract negotiations

Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week
three) with possibly a week or so slippage....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)
- accenture-dealpoints v2.doc ');
INSERT INTO email([from],[to],[subject],[body]) VALUES('thomas.martin@enron.com', 'thomas.martin@enron.com', 'Re: Guadalupe Power Partners LP', '---------------------- Forwarded by Thomas A Martin/HOU/ECT on 03/20/2001 03:49 PM -----------------------

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc: 
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

');
INSERT INTO email([from],[to],[subject],[body]) VALUES('judy.townsend@enron.com', 'dan.junek@enron.com, chris.germany@enron.com', 'Columbia Distribution''s Capacity Available for Release - Sum', '---------------------- Forwarded by Judy Townsend/HOU/ECT on 03/09/2001 11:04 AM -----------------------

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To: " - *Koch, Kent" <kkoch@nisource.com>, " - *Millar, Debra" <dmillar@nisource.com>, " - *Burke, Lynn" <lburke@nisource.com>
cc: " - *Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution''s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.
Aaron Goddard

- 2001Summer.doc

); INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com;', 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. Copies will be distributed to Legal and Credit.');

INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net;', 'Oral Argument Request', '- Oral Argument Request.doc');

INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', '', 'Did you come in town this wk end... My new number at our house is : 713-668-3712..... my cell # is 281-381-7332

the kid');

INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com', 'FW: Contact Info', '-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

Its been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.

');

INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com, mcguinn.ian@enron.com, mcguinn.stephen@enron.com;', 'email address change', 'Hello all.

I haven''t talked to many of you via email recently but I do want to give you
my new address for your email file:

bjm30@earthlink.net
I hope all is well.

Brian McGuinn');
INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I’m hearing there is some hold-up & the units are stored on 44.

Shelley');
INSERT INTO email([from],[to],subject,body) VALUES('sara.davidson@enron.com', 'john.schwartzenburg@enron.com, scott.dieball@enron.com, recipients@enron.com;', '2001 Enron Law Conference (Distribution List 2), 'Enron Law Conference
San Antonio, Texas May 2-4, 2001 Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i’ll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I'll get it done today.

DG 3-9573
You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');

It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.
Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com;

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays. PL');

INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:
Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');

INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');

INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', '.bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', 'Please contact me if you have any questions regarding last weeks prices.
Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com',
'edwardbaughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our
Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail
risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com',
'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this
tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey
big guy.....check this out.....

www.gorelieberman-2000.com/');
INSERT INTO email([from],[to],subject,body) VALUES('k.allen@enron.com', 'jacqestc@aol.com', '', 'Jacques,

I sent you a fax of Kevin Kolb’s comments on the release. The payoff on the note would be $36,248
($36090(principal) + $158 (accrued interest)).
This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');
INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com',
'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two
links:

1) "Adj L_R” is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002” link has all of the supply side info that is used to calculate the L/R balance
 -Please note the Data Flag column, a value of “3” indicates the project was cancelled, on hold, etc and is not
included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please. Also, James Bruce is working to get his gen report on the web. That will help with your access to information on new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com');

INSERT INTO email([from],[to],subject,body) VALUES('d..thomas@enron.com', 'naveed.ahmed@enron.com', 'FW: Current Enron TCC Portfolio', '"

-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio

Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent:Monday, December 17, 2001 9:08 AM
To:Grace, Rebecca M.
Subject:FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.
Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email(from,to,subject,body) VALUES('stephanie.panus@enron.com',
'william.bradford@enron.com, debbie.brackett@enron.com,', 'Coastal Merchant Energy/El Paso Merchant Energy',
'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy,
L.P., effective February 1, 2001, with the surviving entity being El Paso
Merchant Energy, L.P.  We currently have ISDA Master Agreements with both
counterparties. Please see the attached memo regarding the existing Masters
and let us know which agreement should be terminated.

Thanks,
Stephanie
');
INSERT INTO email(from,to,subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE:
What about this too???,'

-----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>
');
INSERT INTO email(from,to,subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com',
'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which
means Batch Funding Request. Please update per my previous e-mail and forward.

Thanks
Debra Perlingiere  
Enron North America Corp.  
1400 Smith Street, EB 3885  
Houston, Texas 77002  
dperlin@enron.com  
Phone 713-853-7658  
Fax  713-646-3490)

Description:  
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date: 1/5/2001  
Time: 9:00 AM - 10:00 AM (Central Standard Time)

Chairperson: Outlook Migration Team

Detailed Description: ');

Justin Boyd told me that your can help me with questions regarding Chile.  
We got a request for guest access through MG.  
The company is called Escondida and is a subsidiary of BHP Australia.  

Please advise if I can set up a guest account or not.  
F.Y.I: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.  

Thanks !

Best regards  

Diana Seifert  
EOL PCG');

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F.Y.I: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.  

Thanks !
To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent: Wednesday, October 31, 2001 10:10 AM
To: Quigley, Dutch
Subject: RE:

give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:

Coral
Jeff Whitnah 713-767-5374
Reliant
Steve McGinn 713-207-4000

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3;  <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3;  No ancillary schedules awarded.
Variance detected.
Variance detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----
$$ Variance found in table tblLoads.
   Details: (Hour: 3 / Preferred:  1.92 / Final:   1.89)
   TRANS_TYPE: FINAL
   LOAD_ID: PGE4
   MKT_TYPE: 2
   TRANS_DATE: 4/22/01
   SC_ID: EPMI

');

INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');

INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');

INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Open Source Used In Cisco Optical Network Planner 4.2.2 21724
Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebytztoolzprint.jpg');

    COMMIT;

} {6 17 25 38 40 42 73 74}
do_test fts3ac-1.3 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'susan'
    }
} {24 40}
do_test fts3ac-1.4 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'mark susan'
    }
} {40}
do_test fts3ac-1.5 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'susan mark'
    }
} {40}
do_test fts3ac-1.6 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH "mark susan"
    }
} {}
execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark -susan'
}
} {6 17 25 38 42 73 74}
do_test fts3ac-1.8 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH '-mark susan'
    }
    } {24}
do_test fts3ac-1.9 {
    execsql {
        SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
    }
    } {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column. In the sample data set above, only one message, number 20, contains the words "gas" and "reminder" in both body and subject.
#
do_test fts3ac-2.1 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE email MATCH 'gas reminder'
    }
    } {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts3ac-2.2 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE email MATCH 'subject:gas reminder'
    }
    } {20 {2 0 42 3 2 1 54 8 3 1 54 8}}
do_test fts3ac-2.3 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE email MATCH 'body:gas reminder'
    }
    } {20 {2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts3ac-2.4 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE subject MATCH 'gas reminder'
    }
    } {20 {2 0 42 3 2 1 54 8}}
do_test fts3ac-2.5 {
    execsql {
        SELECT rowid, offsets(email) FROM email
            WHERE body MATCH 'gas reminder'
    }
    } {20 {2 0 42 3 2 1 54 8}}
# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts3ac-3.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
  }
} {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}
do_test fts3ac-3.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH "child product"
  }
} {32 {3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7}}

# Snippet generator tests
#
do_test fts3ac-4.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
} {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}
do_test fts3ac-4.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
  }
} {{<b>...</b>here <b>Christmas</b> eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service<b>...</b>}}
do_test fts3ac-4.3 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> asset base for <b>potential</b>/ licensing
  Contract negotiations<b>...</b>}}
do_test fts3ac-4.4 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> asset base for <<<potential>>> <<<reuse>>>/ licensing}}
Contract negotiations }}
do_test fts3ac-4.5 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'first things'
  }
} {{Re: <<<First>>> Polish Deal! Congrats! <<<Things>>> seem to be building rapidly now }}
do_test fts3ac-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
} {{<b>...</b>chris@enron.com" <<b>chris</b><b>...</b>bet this <b>is</b> next to<b>...</b>about going <b>here</b> Christmas eve<b>...</b>}}
do_test fts3ac-4.7 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH '"pursuant to"'
  }
} {{Erin:
<b>Pursuant</b> <b>to</b> your request, attached are the Schedule to the ISDA Master Agreement, together<b>...</b>}}
do_test fts3ac-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
} {{pete.<b>davis</b>@enron.com<b>...</b>3; No <b>ancillary</b> schedules awarded<b>...</b>detected in <b>Load</b> schedule.

LOG<b>...</b>}}

# Combinations of AND and OR operators:
#
do_test fts3ac-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
} {{matt.smith@<b>enron</b>.<b>com</b><b>...</b>31 Keystone Receipts 15 <b>Questar</b> Pipeline 40 Rockies<b>...</b>}}
do_test fts3ac-5.2 {
  execsql {
    SELECT snippet(email) FROM email
  }
}
WHERE email MATCH 'enron OR com questar'
}
} {
} {matt.smith@<b>enron</b>.<b>com</b>...<b>...<b>31 Keystone Receipts
15 <b>Questar</b> Pipeline
40 Rockies...<b>...<b>}}}

# Test a problem reported on the mailing list.
#
do_test fts3ac-6.1 {
execsql {
    CREATE VIRTUAL TABLE ft USING fts3(one, two);
    INSERT INTO ft VALUES('', 'foo');
    INSERT INTO ft VALUES('foo', 'foo');
    SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';
}
} {{1 0 0 3} {0 0 0 3 1 0 0 3}}
do_test fts3ac-6.2 {
execsql {
    DELETE FROM ft WHERE one = 'foo';
    SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';
}
} {{1 0 0 3}}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

<html>
<title>SQLite Copyright Release Template</title>
<body bgcolor="white">
<h1 align="center">
Copyright Release for
Contributions To SQLite
</h1>
<p>
SQLite is software that implements an embeddable SQL database engine. SQLite is available for free download from http://www.sqlite.org/.
The principal author and maintainer of SQLite has disclaimed all copyright interest in his contributions to SQLite and thus released his contributions into the public domain.
In order to keep the SQLite software unencumbered by copyright claims, the principal author asks others who may from time to time contribute changes and enhancements to likewise disclaim
their own individual copyright interest.
</p>

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</p>

<p>For the purposes of this document, "SQLite software" shall mean any computer source code, documentation, makefiles, test scripts, or other information that is published on the SQLite website, http://www.sqlite.org/. Precompiled binaries are excluded from the definition of "SQLite software" in this document because the process of compiling the software may introduce information from outside sources which is not properly a part of SQLite.
</p>

<p>The header comments on the SQLite source files exhort the reader to share freely and to never take more than one gives. In the spirit of that exhortation I make the following declarations:
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* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-
No license file was found, but licenses were detected in source scan.

)print dup( )cvs print

Found in path(s):
* {cvx $error/errorname get(Error

1.1940 mariadb 10.5.12-1

1.1940.1 Available under license :

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gethostname.c: minimal substitute for missing gethostname() function
created 2000-Mar-02 jmk
requires SVR4 uname() and -lc

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* Author : Juergen Pfeifer, juergen.pfeifer@gmx.net
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----------------------------------------
Skeleton parser for Yacc-like parsing with Bison,
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cmake-2.4.8/Utilities/cmzlib/zlib.h:
zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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cmake-2.4.8/Source/CTest/Curl/inet_pton.c:
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boundaries, UTC offsets, and daylight-saving rules. This database (often called
tz or zoneinfo) is used by several implementations, including the GNU C Library
used in GNU/Linux, FreeBSD, NetBSD, OpenBSD, Cygwin, DJGPP, HP-UX, IRIX, Mac OS
X, OpenVMS, Solaris, Tru64, and UnixWare.

Each location in the database represents a national region where all clocks
keeping local time have agreed since 1970. Locations are identified by continent
or ocean and then by the name of the location, which is typically the largest
city within the region. For example, America/New_York represents most of the US
eastern time zone; America/Phoenix represents most of Arizona, which uses
mountain time without daylight saving time (DST); America/Detroit represents
most of Michigan, which uses eastern time but with different DST rules in 1975;
and other entries represent smaller regions like Starke County, Indiana, which
switched from central to eastern time in 1991 and switched back in 2006. To use
the database on an extended POSIX implementation set the TZ environment variable to the location's full name, e.g., TZ="America/New_York".

In the tz database's FTP distribution the code is in the file tzcodeC.tar.gz, where C is the code's version; similarly, the data are in tzdataD.tar.gz, where D is the data's version. The following shell commands download these files to a GNU/Linux or similar host; see the downloaded README file for what to do next.

```
wget 'ftp://elsie.nci.nih.gov/pub/tz*.tar.gz'
gzip -dc tzcode*.tar.gz | tar -xf -  
gzip -dc tzdata*.tar.gz | tar -xf -
```

The code lets you compile the tz source files into machine-readable binary files, one for each location. It also lets you read a tz binary file and interpret time stamps for that location.

The data are by no means authoritative. If you find errors, please send changes to the time zone mailing list. You can also subscribe to the mailing list, retrieve the archive of old messages (in gzip compressed format), or retrieve archived older versions of code and data; there is also a smaller HTTP mirror.

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***************************************************************************

The following software may be included in this product:
PCRE (Perl-compatible regular expression library)

THE BASIC LIBRARY FUNCTIONS
-----------------------------

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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1.1941 e2fsprogs 2.1-1.46.2-2

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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 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): $(OBJ)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJ))
$(MV) pic/$(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)
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
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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Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
 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
-
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Theodore Ts'o
23-June-2007

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It is part of the main e2fsprogs distribution, which can be found at:
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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

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1.1948 spring-boot-starter-validation
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jar/META-INF/maven/org.springframework.boot/spring-boot-starter-validation/pom.xml

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* /opt/cola/permits/1138169183_1614268306.2/0/session-4-0-4-sources-jar/org/bson/io/OutputBuffer.java
* /opt/cola/permits/1138169183_1614268306.2/0/session-4-0-4-sources-jar/org/bson/codes/EncoderContext.java
* /opt/cola/permits/1138169183_1614268306.2/0/session-4-0-4-sources-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
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* /opt/cola/permits/1138169183_1614268306.2/0/session-4-0-4-sources-jar/org/bson/Int64.java
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* /opt/cola/permits/1138169183_1614268306.2/0/bson-4-0-4-sources-jar/org/bson/codecs/jsr310/InstantCodec.java
* /opt/cola/permits/1138169183_1614268306.2/0/bson-4-0-4-sources-jar/org/bson/codecs/jsr310/LocalDateTimeCodec.java

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* /opt/cola/permits/1138169183_1614268306.2/0/bson-4-0-4-sources-jar/org/bson/util/AbstractCopyOnWriteMap.java
* /opt/cola/permits/1138169183_1614268306.2/0/bson-4-0-4-sources-jar/org/bson/assertions/Assertions.java
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1.1951 concurrent-ruby 1.1.9

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1.1952 pkg-config 0.27.1 4.el7

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1.1953 lang-painless 7.2.0

1.1954 libmodule-pluggable-perl 5.1-1

1.1955 libfido2 1.6.0-2
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1.1956 kerberos 1.15.1-51.el7_9
1.1956.1 Available under license:

/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*-
/* tests/s4u2proxy.c - S4U2Proxy test harness */
/*
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* OF THE POSSIBILITY OF SUCH DAMAGE.
*/

/*
 * Usage: s4u2proxy evccname targetname
 *
 * evccname contains an evidence ticket. The default ccache contains a TGT for
 * the intermediate service. The default keytab contains a key for the
 * intermediate service. An S4U2Proxy request is made to get a ticket from
 * evccname's default principal to the target service. The resulting cred is
 * stored in the default cache.
 */
/* .*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil .*- */
/* tests/shlib/t_loader.c */
/*
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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
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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
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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/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
/* kdc_audit.c - Interface for KDC audit plugins. */
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 */
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*/

/* tests/plugorder.c - Test harness to display the order of loaded plugins */

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/* This file registers a few dummy built-in pwqual modules, then prints out the order of pwqual modules returned by k5_plugin_load_all. The choice of the pwqual interface is mostly arbitrary; it is an interface which libkrb5 itself doesn't use, for which we have a test module. */

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 */

/*
 * Program to take the place of the configure shell script under DOS.
 * The makefile.in files are constructed in such a way that all this
 * program needs to do is uncomment lines beginning #DOS by removing the
* first 5 characters of the line. This will allow lines like:
* ##DOS!include win-pre.in to become: !include win-pre.in
* 
* We also turn any line beginning with '@' into a blank line.
* 
* If a config directory is specified, then the output will be start with
* config\pre.in, then the filtered stdin text, and will end with
* config\post.in.
* 
* Syntax: wconfig [options] [config_directory] <input_file >output_file
* 
*/

1.1957 lz4 1.8.3-1
1.1957.1 Available under license:

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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/* zlib.h -- interface of the 'zlib' general purpose compression 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.)

Otherwise, if the work is a derivative of the Library, you may
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1.1975 crcrypto 1.0.1
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1.1976 httpparser 7.2.0

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* /opt/cola/permits/1243737066_1639733259.26/0/jetty-lite-7-2-0-repackaged-for-android-jar/jetty-lite-7-2-0-repackaged-for-android-jar/javax/servlet/jsp/resources/jspxml.xsd

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1.1979 jackson 2.8.11
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1.1981 opensaml-saml-api 3.3.0

1.1982 logstash-output-stdout 3.1.4
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1.1983 passay 1.5.0

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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.

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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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
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All Python releases are Open Source (see http://www.opensource.org/ for the Open
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+-----------------+--------------+-----------+------------+-----------------+
| Release         | Derived from | Year      | Owner      | GPL compatible? |
+=================+==============+===========+============+=================+
| 0.9.0 thru 1.2  | n/a          | 1991-1995 | CWI        | yes             |
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| 1.3 thru 1.5.2  | 1.2          | 1995-1999 | CNRI       | yes             |
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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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Sockets
-------

The `socket` module uses the functions, `getaddrinfo`, and
`getnameinfo`, which are coded in separate source files from the WIDE

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

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MD5 message digest algorithm

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

http://www.ietf.org/rfc/rfc1321.txt

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch
<ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ans2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services
-------------------------------

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

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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/ClassFileWriter.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/expr/Handler.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/convert/TransformFieldAccess.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/analysis/ControlFlow.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-
jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/MemberResolver.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/LongVector.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/SyntaxException.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtNewNestedClass.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtNewMethod.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/XMLClassPath.java
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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/ASTree.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/CallExpr.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/MethodHandler.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/Bytecode.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/Bytecode.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ProxyFactory.java
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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtArray.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ProxyFactory.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/Variable.java

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org.eclipse.jetty.toolchain:jetty-schemas

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/**
 * Set the max pool size of the ThreadPoolExecutor.
 * <p><strong>NOTE:</strong> When an unbounded
 * [ @link #queueCapacity(int) queueCapacity] is configured (the default), the
 * max pool size is effectively ignored. See the "Unbounded queues" strategy
 * in [ @link java.util.concurrent.ThreadPoolExecutor ThreadPoolExecutor] for
 * more details.
 * By default this is set to [ @code Integer.MAX_VALUE].
 */

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  -jar/org/powermock/api/support/SafeExceptionRethrower.java

### 1.2003 native-lib-loader 2.0.2

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/*

Native library loader for extracting and loading native libraries from Java.

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* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/MxSysInfo.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/BaseJniExtractor.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/NativeLibraryUtil.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/NativeLoader.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/JniExtractor.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/WebappJniExtractor.java
* /opt/cola/permits/1136132045_1613687322.17/0/native-lib-loader-2-0-2-sources-1-
  jar/org/scijava/nativelib/DefaultJniExtractor.java

1.2004 logstash-filter-csv 3.1.1

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1.2005 spring-boot-autoconfigure

2.2.0.RELEASE

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jar/org/springframework/boot/autoconfigure/mail/MailSenderPropertiesConfiguration.java
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Configuration.java
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jar/org/springframework/boot/autoconfigure/web/servlet/MultipartAutoConfiguration.java
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- org/springframework/boot/autoconfigure/http/package-info.java
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- org/springframework/boot/autoconfigure/mongo/MongoClientFactory.java
- org/springframework/boot/autoconfigure/condition/ConditionalOnNotWebApplication.java
- org/springframework/boot/autoconfigure/template/PathBasedTemplateAvailabilityProvider.java
- org/springframework/boot/autoconfigure/quartz/package-info.java
- org/springframework/boot/autoconfigure/web/reactive/function/client/WebClientAutoConfiguration.java
- org/springframework/boot/autoconfigure/jmx/ParentAwareNamingStrategy.java
- org/springframework/boot/autoconfigure/security/reactive/ReactiveSecurityAutoConfiguration.java
- org/springframework/boot/autoconfigure/data/rest/package-info.java
- org/springframework/boot/autoconfigure/validation/package-info.java
- org/springframework/boot/autoconfigure/solr/SolrProperties.java
- org/springframework/boot/autoconfigure/websocket/servlet/JettyWebSocketServletWebServerCustomizer.java
- org/springframework/boot/autoconfigure/cache/CacheProperties.java
- org/springframework/boot/autoconfigure/condition/ConditionMessage.java
- org/springframework/boot/autoconfigure/info/ProjectInfoAutoConfiguration.java
- org/springframework/boot/autoconfigure/data/AbstractRepositoryConfigurationSourceSupport.java
- org/springframework/boot/autoconfigure/logging/ConditionEvaluationReportLoggingListener.java
- org/springframework/boot/autoconfigure/condition/OnResourceCondition.java
- org/springframework/boot/autoconfigure/kafka/KafkaProperties.java
- org/springframework/boot/autoconfigure/freemarker/FreeMarkerNonWebConfiguration.java
- org/springframework/boot/autoconfigure/jms/activemq/ActiveMQConnectionFactoryFactory.java

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jar/org/springframework/boot/autoconfigure/cache/SimpleCacheConfiguration.java
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* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/autoconfigure/context/package-info.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/autoconfigure/condition/OnJavaCondition.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/autoconfigure/integration/IntegrationAutoConfigurationScanRegistrar.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/autoconfigure/jms/JmsAnnotationDrivenConfiguration.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/autoconfigure/jooq/package-info.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/boot/autoconfigure/condition/AnyNestedCondition.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/boot/autoconfigure/flyway/FlywayAutoConfiguration.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/boot/autoconfigure/AutoConfigurationSorter.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/boot/autoconfigure/data/elasticsearch/ElasticsearchRepositoriesRegistrar.java
* /opt/cola/permits/1137256782_1614040809.77/0/spring-boot-autoconfigure-2-2-0-release-sources-1-jar/org/springframework/boot/autoconfigure/mustache/MustacheAutoConfiguration.java

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Found in path(s):
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/support/ArgumentConvertingMethodInvoker.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/BeanDefinitionReaderUtils.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/BeanDefinitionDefaults.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/xml/XmlBeanDefinitionReader.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/PropertiesBeanDefinitionReader.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/ConstructorResolver.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/CachedIntrospectionResults.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/parsing/ParseState.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/support/DefaultListableBeanFactory.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/annotation/InjectionMetadata.java
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  jar/org/springframework/beans/factory/support/SimpleAutowireCandidateResolver.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
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  jar/org/springframework/beans/factory/config/YamlProcessor.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/factory/ListableBeanFactory.java
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  jar/org/springframework/beans/factory/support/AbstractAutowireCapableBeanFactory.java
* /opt/cola/permits/1135888101_1613626209.41/0/spring-beans-5-2-8-release-sources-1-
  jar/org/springframework/beans/BeanUtils.java
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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.

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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The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton. The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball 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 was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default 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/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/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/ru/RussianLightStemmer.java
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1.2018 libxrender 0.9.10 1
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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- 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
- web-fragment_3_1.xsd
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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

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1.2042 vim 7.4.629-8.el7_9
1.2042.1 Available under license:
*uganda.txt*  For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL  by Bram Moolenaar

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

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

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

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

=== begin of license ===

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include this license text. You are also allowed to include executables
that you made from the unmodified Vim sources, plus your own usage
examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim,
including executables and/or source code, when the following four
conditions are met:
1) This license text must be included unmodified.
2) The modified Vim must be distributed in one of the following five ways:
a) If you make changes to Vim yourself, you must clearly describe in
the distribution how to contact you. When the maintainer asks you
Open Source Used In Cisco Optical Network Planner 4.2.2  22671

(in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation then this license, or a later version, also applies to your changes. The current maintainer is Bram Moolenaar <Bram@vim.org>. If this changes it will be announced in appropriate places (most likely vim.sf.net, www.vim.org and/or comp.editors). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at I). If you make additional changes the text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

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- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

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

4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make
III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL. If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is <maintainer@vim.org>

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

=== end of license ===

Note:

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

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

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

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

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

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

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

Address to send checks to:
Bram Moolenaar
1.2043 dbus-python 1.1.1 9.el7

1.2043.1 Available under license:

As of version 0.82.4, dbus-python is released under the following permissive non-copyleft license (the same one used for D-Bus core):

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1.2044 hibernate-validator 6.0.17.Final
1.2044.1 Available under license:

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
 * See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
 */
/**
 * 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>
 * @param
 * 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>
 * or <sup>TM</sup> 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 javavalidation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
 * will be used as parameter names.
 * </p>
* 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

*/

Found in path(s):
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6.0.17-final-sources-4-
  jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

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* /

/*
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/

Found in path(s):
* /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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*/

Found in path(s):
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/internal/util/TypeHelper.java
No license file was found, but licenses were detected in source scan.

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 * Hibernate Validator, declare and validate application constraints
 *
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 * See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
 */

/**
 * 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/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
No license file was found, but licenses were detected in source scan.

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 * Hibernate Validator, declare and validate application constraints
 *
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 */

Found in path(s):
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/cfg/context/TypeConstraintMappingContext.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/cfg/defs/NullDef.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/cfg/defs/pl/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalTime.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
Open Source Used In Cisco Optical Network Planner 4.2.2

- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/engine/valueextraction/SetPropertyValueExtractor.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/PastValidatorForLocalDateTime.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/ScriptAssert.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForCalendar.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/xml/mapping/ReturnValueStaxBuilder.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/xml/mapping/ConstraintDefinitionStaxBuilder.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/NIPValidator.java
- /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java
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1.2048 jackson-databind 2.9.10.8

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- liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.
  http://www.lua.org/
- OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL can be disabled by configuring with the --without-openssl configuration directive.
  http://www.openssl.org/
- LIBLINEAR. Used for IPv6 OS classification.
  http://www.csie.ntu.edu.tw/~cjlin/liblinear/
- libsvn. The Subversion library, used by the updater program

On Windows only, Nmap uses:
- WinPcap: libpcap for Windows. The libpcap license applies to WinPcap, and it also has its own license. A binary copy of the library is distributed with Nmap in the subdirectory mswin32/winpcap.
  http://www.winpcap.org/
Certain Nmap Scripting Engine scripts use the simplified BSD license in licenses/BSD-simplified.

Zenmap and Ndiff require:
  o Python. The binary distributions of Nmap include a Python interpreter and various libraries, built using either py2exe or py2app.
    http://www.python.org/

The Windows and Mac OS X binary packages include bundled versions of:
  o GLib, GTK+, ATK, Pango: These libraries are licensed under the GNU LGPL 2, a copy of which is in the file licenses/LGPL-2.
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The Mac OS binary packages also include:
  o Various X.org libraries. These were built using MacPorts.
    http://www.x.org/ http://www.macports.org/

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Written by: Philip Hazel
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d) If a facility in the modified Library refers to a function or a 
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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.)

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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 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
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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,
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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
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
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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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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 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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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
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it.

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This option is useful when you wish to copy part of the code of
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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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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.

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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 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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DRuntime: Runtime Library for the D Programming Language

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

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Version 3.1, 31 March 2009

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1.2054 jetty 9.4.18.v20190429

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* 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

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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
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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
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org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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1.2055 coreutils 8.25 2ubuntu3~16.04

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This package is maintained by Michael Stone <mstone@debian.org> and
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This debian package was first created by Michael Stone <mstone@debian.org>,
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Changes:
* added Debian GNU/Linux package maintenance system files
* at times, bug fixes awaiting inclusion in the upstream source

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1.2056 jinja2 3.0.3
1.2056.1 Available under license :

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[metadata]
name = Jinja2
version = attr: jinja2.__version__
url = https://palletsprojects.com/p/jinja/
project_urls =
  Donate = https://palletsprojects.com/donate
  Documentation = https://jinja.palletsprojects.com/
  Changes = https://jinja.palletsprojects.com/changes/
  Source Code = https://github.com/pallets/jinja/
  Issue Tracker = https://github.com/pallets/jinja/issues/
  Twitter = https://twitter.com/PalletsTeam
  Chat = https://discord.gg/pallets
license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
open source used in cisco optical network planner 4.2.2

max-line-length = 80
per-file-ignores =
src/jinja2/__init__.py: F401

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

[mypy-jinja2.defaults]
no_implicit_reexport = False

[mypy-markupsafe]
no_implicit_reexport = False

[egg_info]
tag_build =
tag_date = 0

found in path(s):
* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3.0.3-tar.gz/Jinja2-3.0.3/setup.cfg
no license file was found, but licenses were detected in source scan.

metadata-version: 2.1
name: jinja2
version: 3.0.3
summary: a very fast and expressive template engine.
home-page: https://palletsprojects.com/p/jinja/
author: armin ronacher
author-email: armin.ronacher@active-4.com
maintainer: pallets
maintainer-email: contact@palletsprojects.com
license: bsd-3-clause
Jinja

=====

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

It includes:

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

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

Install and update using `pip`:

.. code-block:: text

    $ pip install -U Jinja2


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

.. code-block:: jinja

    {% extends "base.html" %}
    {% block title %}Members{% endblock %}
    {% block content %}
    <ul>
    {% for user in users %}
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
    {% endfor %}
    </ul>
    {% endblock %}

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------

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Links
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- Documentation: https://jinja.palletsprojects.com/
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- Source Code: https://github.com/pallets/jinja/
- Issue Tracker: https://github.com/pallets/jinja/issues/
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1.2057 bcel 6.0

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1.2060 tomcat-annotations-api 9.0.27

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- Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.),
- Mark Adler (inflate, explode, funzip),
- 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 CONTRIBUTIONS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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

1.2062 scanf 1.0.0

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1.2063 bean-validation-api 1.1.0.Final

1.2064 spring-messaging 5.2.6.RELEASE

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* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/support/GenericMessage.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/simp/annotation/support/MissingSessionUserException.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/support/MessageHeaderAccessor.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/support/AbstractHeaderMapper.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/core/DestinationResolvingMessageRequestReplyOperations.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/core/CachingDestinationResolverProxy.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/tcp/reactor/ReactorNettyTcpConnection.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-jar/org/springframework/messaging/tcp/reactor/AbstractNioBufferReactorNettyCodec.java
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  jar/org/springframework/messaging/simp/stomp/StompReactorNettyCodec.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/ConnectionLostException.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/converter/CompositeMessageConverter.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/support/AbstractSubscribableChannel.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/handler/annotation/SendTo.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/user/UserDestinationResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/StompCommand.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/user/SimpUserRegistry.java

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 */
/**
 * Set the max pool size of the ThreadPoolExecutor.
 */
* <p><strong>NOTE:</strong> When an unbounded
*  [@link #queueCapacity(int) queueCapacity] is configured (the default), the
*  max pool size is effectively ignored. See the "Unbounded queues" strategy
*  in [@link java.util.concurrent.ThreadPoolExecutor ThreadPoolExecutor] for
*  more details.
*  <p>By default this is set to  [@code Integer.MAX_VALUE].
* */

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* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/config/TaskExecutorRegistration.java
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  jar/org/springframework/messaging/support/InterceptableChannel.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/support/HeaderMapper.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/support/MessageHeaderInitializer.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/handler/annotation/support/MessageHandlerMethodFactory.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/converter/SimpleMessageConverter.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/support/MessageHandlingRunnable.java
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* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/SimpMessageMappingInfo.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/rsocket/DefaultRSocketStrategies.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/handler/annotation/reactive/MessageMappingMessageHandler.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/handler/annotation/MessageMapping.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/handler/invocation/reactive/HandlerMethodArgumentResolverComposite.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/core/GenericMessagingTemplate.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/annotation/support/PrincipalMethodArgumentResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/DefaultStompSession.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/rsocket/annotation/support/RSocketRequesterMethodArgumentResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
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* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/annotation/support/PrincipalMethodArgumentResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/DefaultStompSession.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/core/GenericMessagingTemplate.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/annotation/support/PrincipalMethodArgumentResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/DefaultStompSession.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/core/GenericMessagingTemplate.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/annotation/support/PrincipalMethodArgumentResolver.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
  jar/org/springframework/messaging/simp/stomp/DefaultStompSession.java
* /opt/cola/permits/1136375355_1613753035.16/0/spring-messaging-5-2-6-release-sources-1-
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1.2066 libpsl 0.21.0-1.2

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1.2068 text 3.5.101.r371_v20110810-0800
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1.2069 asm-debug-all 5.0.4

1.2070 dash 0.5.7-4+b1

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1.2079 netty-handler 4.1.35.Final

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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/traffic/TrafficCounter.java
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* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1075319509_1596106859.86/0/netty-handler-4-1-35-final-sources-2-
  jar/io/netty/handler/ssl/SniCompletionEvent.java
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  jar/io/netty/handler/ssl/Java9SslUtils.java
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  jar/io/netty/handler/ssl/Conscrypt.java
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  jar/io/netty/handler/ssl/Ocsp/OCspClientHandler.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/cache/support/CompositeCacheManager.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/cache/annotation/Cacheable.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
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 */
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/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/format/datetime/joda/LocalTimeParser.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/context/annotation/Lazy.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/context/i18n/LocaleContext.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/context/annotation/FilterType.java
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* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.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 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
* @since 4.0
* @see Condition
*/

```
Found in path(s):
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-
jar/org/springframework/context/annotation/Conditional.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
*/

Found in path(s):
* /opt/cola/permits/1136375446_1613753042.17/0/spring-context-5-2-6-release-sources-2-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java

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Other developers who have contributed code are:

* Brian Langel

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in
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- <code class="docutils literal"><span class="pre">g_accept_sec_context.c</span></code>
- <code class="docutils literal"><span class="pre">g_acquire_cred.c</span></code>
- <code class="docutils literal"><span class="pre">g_canon_name.c</span></code>
- <code class="docutils literal"><span class="pre">g_compare_name.c</span></code>
- <code class="docutils literal"><span class="pre">g_context_time.c</span></code>
- <code class="docutils literal"><span class="pre">g_delete_sec_context.c</span></code>
- <code class="docutils literal"><span class="pre">g_dsp_name.c</span></code>
<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_dsp_status</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_dup_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_exp_sec_context</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_export_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_glue</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_imp_name</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_imp_sec_context</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_context</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_cred</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_inquire_names</span><span class="o">.</span><span class="n">c</span>

<span class="n">lib</span><span class="o">/</span><span class="n">gssapi</span><span class="o">/</span><span class="n">mechglue</span><span class="o">/</span><span class="n">g_process_context</span><span class="o">.</span><span class="n">c</span>
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/mechglue/g_sign.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/mechglue/spnego/spnego.c
- lib/kdb/mechglue/spnego/spnego_mech.c

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.. parsed-literal::

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    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
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    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
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    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

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.. parsed-literal::

   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
   kprop/kpropd_rpc.c
   kprop/kproplog.c

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import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.

def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
    # DB2 licenses start with '/*--' and we don't want to change them.
    if line != '' and line != '-':
        text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c:' in lines[ln]:
        return

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In += 1

# Check filename comment if present.
m = re.match(r'\*([^\*]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\*.*?\*/', '', line)
        line = line.strip()
    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').lstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                                code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
    elif line.strip() != '':
        code_seen = True
    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./ '):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

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.. include:: notice.rst

/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
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lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mach/gssapiP_spnego.h
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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
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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
and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/iprop_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
slave/kproplog.c

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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.)

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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.

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.

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use gio_sys;
use glib;
use glib::object::Cast;
use glib::object::IsA;
use glib::signal::connect_raw;
use glib::signal::SignalHandlerId;
use glib::translate::*;
use glib_sys;
use gobject_sys;
use std::boxed::Box as Box_
use std::fmt;
use std::mem::transmute;
use std::pin::Pin;
use std::ptr;
use Cancellable;

glib_wrapper! {  
    pub struct Permission(Object<gio_sys::GPermission, gio_sys::GPermissionClass, PermissionClass>);

    match fn {
        get_type => || gio_sys::g_permission_get_type(),
    }
}

pub const NONE_PERMISSION: Option<&Permission> = None;

pub trait PermissionExt: 'static {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    );

    fn acquire_async_future(
        &self,
    ) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

    fn get_allowed(&self) -> bool;

    fn get_can_acquire(&self) -> bool;

    fn get_can_release(&self) -> bool;
fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool);

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
);

fn release_async_future(
    &self,
) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

impl<O: IsA<Permission>> PermissionExt for O {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
        unsafe {
            let mut error = ptr::null_mut();
            let _ = gio_sys::g_permission_acquire(
                self.as_ref().to_glib_none().0,
                cancellable.map(|p| p.as_ref()).to_glib_none().0,
                &mut error,
            );
            if error.is_null() {
                Ok(())
            } else {
                Err(from_glib_full(error))
            }
        }
    }

    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    ) {
        let user_data: Box<Q> = Box::new(callback);
        unsafe extern "C" fn acquire_async_trampoline<
            Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
        >(Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
            user_data:
            Box::into_raw(user_data),
        );
    }
}
fn acquire_async_future(self) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>> { 
    Box::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.acquire_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });
    }));
}

fn get_allowed(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_allowed(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_acquire(&self) -> bool {
    unsafe {
        ...
fn get_can_release(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_release(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool) {
    unsafe {
        gio_sys::g_permission_impl_update(
            self.as_ref().to_glib_none().0,
            allowed.to_glib(),
            can_acquire.to_glib(),
            can_release.to_glib(),
        );
    }
}

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        }
    }
}

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box_ = Box_::new(callback);
    unsafe extern "C" fn release_async_trampoline<
Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
>
  _source_object: *mut gobject_sys::GObject,
res: *mut gio_sys::GAsyncResult,
user_data: glib_sys::gpointer,
)
{
  let mut error = ptr::null_mut();
  let _ = gio_sys::g_permission_release_finish(_source_object as *mut _, res, &mut error);
  let result = if error.is_null() { Ok(()) } else { Err(from_glib_full(error)); };
  let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
  callback(result);
}

let callback = release_async_trampoline::<Q>;

unsafe {
  gio_sys::g_permission_release_async(
    self.as_ref().to_glib_none().0,
    cancellable.map(|p| p.as_ref()).to_glib_none().0,
    Some(callback),
    Box_::into_raw(user_data as *mut _,
    );
  )
}
}

fn release_async_future(
  &self,
) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>> {
  Box_::pin(crate::GioFuture::new(self, move |obj, send| {
    let cancellable = Cancellable::new();
    obj.release_async(Some(&cancellable), move |res| {
      send.resolve(res);
    });

    cancellable
  })))
}

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
  unsafe extern "C" fn notify_allowed_trampoline<P, F: Fn(&P) + 'static>(
    this: *mut gio_sys::GPermission,
    _param_spec: glib_sys::gpointer,
    f: glib_sys::gpointer,
  ) where
    P: IsA<Permission>,
  {
let f: &F = &*(f as *const F);
    f(&Permission::from_glib_borrow(this).unsafe_cast())
}

unsafe {
    let f: Box_<F> = Box_::new(f);
    connect_raw(
        self.as_ptr() as *mut _,
        b"notify::allowed\0".as_ptr() as *const _,
        Some(transmute(notify_allowed_trampoline::<Self, F> as usize)),
        Box_::into_raw(f),
    )
}

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_acquire_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }

    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-acquire\0".as_ptr() as *const _,
            Some(transmute(notify_can_acquire_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }

    fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
        unsafe extern "C" fn notify_can_release_trampoline<P, F: Fn(&P) + 'static>(
            this: *mut gio_sys::GPermission,
            _param_spec: glib_sys::gpointer,
            f: glib_sys::gpointer,
        ) where
            P: IsA<Permission>,
        {
            let f: &F = &*(f as *const F);
            f(&Permission::from_glib_borrow(this).unsafe_cast())
        }

        unsafe {
            let f: Box_<F> = Box_::new(f);
            connect_raw(
                self.as_ptr() as *mut _,
                b"notify::can-release\0".as_ptr() as *const _,
                Some(transmute(notify_can_release_trampoline::<Self, F> as usize)),
                Box_::into_raw(f),
            )
        }
    }
let f: Box_<F> = Box_::new(f);
connect_raw(
    self.as_ptr() as *mut _,
b"notify::can-release\0".as_ptr() as *const _,
    Some(transmute(notify_can_release_trampoline::<Self, F> as usize)),
    Box_::into_raw(f),
)
}
}
}

impl fmt::Display for Permission {
    fn fmt(&self, f: &mut fmt::Formatter) -> fmt::Result {
        write!(f, "Permission")
    }
}

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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.

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.

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@heading TERMS AND CONDITIONS

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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 Cridl (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@mtiame.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.iicl.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 Detlef(detlef@src.dec.com) also provided several generic bug fixes.  
Alistair G. Crooks(ace@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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* m4/ax_func_which_gethostbyname_r.m4

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Version 3.1, 31 March 2009

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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
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of these things:

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changes were used in the work (which must be distributed under
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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
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.

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its purpose remains meaningful.

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  jar/org/powermock/api/mockito/expectation/PowerMockitoStubber.java
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  jar/org/powermock/api/mockito/internal/verification/DefaultConstructorArgumentsVerification.java
* /opt/cola/permits/1142745325_1615475697.28/0/powermock-api-mockito2-2-0-0-sources-1-
  jar/org/powermock/api/mockito/internal/verification/VerifyNoMoreInteractions.java
* /opt/cola/permits/1142745325_1615475697.28/0/powermock-api-mockito2-2-0-0-sources-1-
  jar/org/powermock/api/mockito/verification/WithVerifiedArguments.java
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  jar/org/powermock/api/mockito/internal/expectation/DefaultPrivatelyExpectedArguments.java
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Author: Keith Packard, MIT X Consortium

1.2129 asm-debug-all 5.1
1.2130 python-setuptools 58.1.0

1.2130.1 Available under license:

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1.2131 netty-transport-native-unix-common

4.1.51.Final

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sources-jar/io/netty/channel/unix/UnixChannelOption.java
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* /opt/ws_local/PERMITS_SQL/1075084034_1596044782.67/0/netty-transport-native-unix-common-4-1-51-final-
sources-jar/io/netty/channel/unix/Buffer.java
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sources-jar/netty_unix_buffer.c
* /opt/ws_local/PERMITS_SQL/1075084034_1596044782.67/0/netty-transport-native-unix-common-4-1-51-final-
sources-jar/netty_unix_buffer.h

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* /opt/ws_local/PERMITS_SQL/1075084034_1596044782.67/0/netty-transport-native-unix-common-4-1-51-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java
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* /opt/ws_local/PERMITS_SQL/1075084034_1596044782.67/0/netty-transport-native-unix-common-4-1-51-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java

1.2132 curl 7.29.0-59.el7_9.1

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axTLS  http://axtls.sourceforge.net/

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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

(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  http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos http://web.mit.edu/kerberos/www/dist/

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fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume
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libidn  http://josefsson.org/libidn/

(Used for IDNA support) Uses the GNU Lesser General Public
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OpenLDAP http://www.openldap.org/software/release/license.html

(Used for LDAP support) Uses a Modified BSD-style license. Since
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libssh2 http://www.libssh2.org/

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Local Variables:
Local Variables:
ispell-local-pdict: "ispell-dict"
End:
*ChangeLog-2013*
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It was downloaded from ftp://ftp.gnu.org/gnu/findutils

Debian maintainer history: The original package was put together by
Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley
<kevind@rahul.net> took over. 2003-07 Andreas Metzler
<ametzler@debian.org> followed.

Upstream Authors:
* GNU find was written by Eric Decker <cire@cisco.com>,
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  The idea for -print0 and xargs -0 came from
  Dan Bernstein <brnstnd@kramden.acf.nyu.edu>.
  Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs
  was originally written by Mike Rendell, with enhancements by David
  MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally
  written by James Woods, with enhancements by David MacKenzie, James Youngman
  and Bas van Gompel.
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1.2134 vim 7.4.629-7.el7

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*uganda.txt*    For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL   by Bram Moolenaar

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SUMMARY

*iccf* *ICCF*

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

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- If you want to support further Vim development consider becoming a
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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 donotions*

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 website 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: https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q
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: Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterrueutihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:
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1.2135 logstash-filter-ruby 3.1.7

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  jar/com/google/common/util/concurrent/TimeoutFuture.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/eventbus/SubscriberRegistry.java
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 */
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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>TODOR(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */

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  jar/com/google/common/collection/SortedIterables.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-
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  jar/com/google/common/collection/GeneralRange.java
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  jar/com/google/common/collection/ForwardingSortedMultiset.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/ForwardingImmutableCollection.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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*
* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* java.util.HashMap class.
*/

Found in path(s):
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*/
/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/

Found in path(s):
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/Present.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/BoundType.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/RegularContiguousSet.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/Optional.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/math/package-info.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/hash/HashCode.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/hash/AbstractHashFunction.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/primitives/ImmutableLongArray.java

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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collection/SingletonImmutableList.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collection/ForwardingTable.java

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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/primitives/Longs.java
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/**
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code PartiallyGwtIncompatible}. This is more accurate for futures caching, which is available
* under GWT but with a slightly different signature.
*
* We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for futures caching, 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/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/IndexedImmutableSet.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMap.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/CommonMatcher.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/io/ByteStreams.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
jar/com/google/common/base/Objects.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/eventbus/Subscribe.java
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* /opt/cola/permits/1110732213_1606846685.93/0/guava-24-1-1-jre-sources-jar/com/google/common/reflect/package-info.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 {@code 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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Source Package: xorg
Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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Found in path(s):
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/tools/rmi/StubGenerator.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/compiler/ast/BinExpr.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/compiler/SymbolTable.java
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* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/tools/web/Webserver.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/NestMembersAttribute.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/convert/TransformBefore.java
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* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/bytecode/analysis/SubroutineScanner.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-jar/javassist/tools/rmi/StubGenerator.java
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* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-
jar/javassist/bytecode/annotation/MemberValue.java
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jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135880377_1613624050.66/0/javassist-3-24-0-ga-sources-5-

1.2151 nspr 4.20-r0

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src/base/fthash.c
src/base/md5.c	src/base/md5.h
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src/bdf/bdf.c	src/bdf/bdf.h	src/bdf/bdfdrivr.c	src/bdf/bdfdrivr.h	src/bdf/bdferror.h	src/bdf/bdflib.c	src/bdf/module.mk	src/bdf/README	src/bdf/rules.mk
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src/pcf/pcf.h
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src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
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src/tools/apinames.c
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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.

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.

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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.

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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,
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
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
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1.2174 jruby-readline 1.3.7
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1.2175 python-setuptools 41.2.0

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1.2176 liblocale-gettext-perl 1.05-8+b1

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The snowball stemmers in
   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
was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)
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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,
   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,
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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/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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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

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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_SHLIB) $(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) $(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \
@-$(LDCONFIG)

install-strip: install

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)

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:

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
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
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Theodore Ts'o
23-June-2007

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It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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Gadi Oxman, August 1995

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1.2189 rtmpdump 2.4+20151223.gitfa8646d-1ubuntu0.1

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1.2210 ncurses 5.9-14.20130511.el7_4

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 * Allowing them being read would mean anyone with access to the channel could get them.
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 * Set the [@code TCP_QUICKACK] option on the socket. See &lt;a href="http://linux.die.net/man/7/tcp">TCP_QUICKACK&lt;/a&gt;
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1.2213 commons-fileupload 9.0.35

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Manifest-Version: 1.0
Bnd-LastModified: 1578049665284
Build-Jdk: 1.8.0_232
Built-By: yak
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 3.0.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.jctools.maps;version="3.0.0",org.jctools.util;version="3.0.0",org.jctools.queues.spec;version="3.0.0",org.jctools.queues.spec;version="3.0.0",org.jctools.queues.atomic;version="3.0.0"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-4.2.0.201903051501

Found in path(s):
* /opt/cola/permits/1177956791_1625584358.42/0/jctools-core-3-0-0-5-jar/META-INF/MANIFEST.MF

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

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src/progname.c
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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `\{ case (a, b) => ... }`

val x: ((Int, Int) => Int) = (((a, b)) => a)

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `\{ case (param1, param2) => ... }`

val y: ((Int, Int) => Int) = (((a, !!)) => a)

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
Either create a single parameter accepting the Tuple3,
or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }

val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)

three errors found

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1.2241 json-cpp 1.9.3

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1.2242 fribidi 1.0.8-2

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1.2244 springfox-spi 2.9.2
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/contexts/ModelContext.java
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/ParameterMetadataAccessor.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/SyntheticModelProviderPlugin.java

1.2245 xorg-sgml-doctools 1.11-1.1

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1.2247 opensaml-messaging-impl 3.3.0

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1.2249 netty-codec 4.1.51.Final

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  jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
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  jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ObjectDecoder.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ReferenceMap.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ReferenceMap.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ReferenceMap.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ReferenceMap.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/serialization/ReferenceMap.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
  jar/io/netty/handler/codec/TooLongFrameException.java  
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
*
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/bytes/package-info.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/DecoderResult.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/Delimiter.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/compression/package-info.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/marshalling/CompatibleObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

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* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/DateFormatter.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>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* 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" |
* +--------+----------------+      +----------------+
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.

```
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 is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

```
lengthFieldOffset = 2 (= the length of Header 1)
lengthFieldLength = 3
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" |
+----------+----------+----------------+      +----------+----------+----------------+
```

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>
* `<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)
* `<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 `<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
*/

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* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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/**
* Enumeration of supported Base64 dialects.
* *
* 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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 */
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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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 */

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* /opt/ws_local/PERMITS_SQL/1072948336_1595240763.12/0/netty-codec-4-1-51-final-sources-
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* @version 1.0
* @author Mikael Grev, MiG InfoCom AB
*      Date: 2006-sep-08
*/
/** Returns the gaps as pixel values.
* @param parent The parent. Used to get the pixel values.
* @param defGap The default gap to use if there is no gap set on this object (i.e. it is null).
* @param refSize The reference size used to get the pixel sizes.
* @param before IF it is the gap before rather than the gap after to return.
* @return The [min,preferred,max] sizes for the specified gap. Uses @link
* net.miginfocom.layout.LayoutUtil#NOT_SET
* for gap sizes that are <code>null</code>. Returns <code>null</code> if there was no gap specified. A new and
* free to use array.
*/

Found in path(s):
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-
jar/net/miginfocom/layout/DimConstraint.java
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* Date: 2006-sep-08
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* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/swing/MigLayout.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/swt/SwtComponentWrapper.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/layout/UnitValue.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/swing/SwingContainerWrapper.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/layout/IDEUtil.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/layout/LC.java
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* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/swing/SwingComponentWrapper.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/swt/MigLayout.java
* /opt/cola/permits/1218435628_1634932192.99/0/miglayout-3-7-4-sources-1-jar/net/miginfocom/layout/ConstraintParser.java
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* @author Mikael Grev, MiG InfoCom AB
*       Date: 2006-sep-08
* @author Xxxx Xxxx, Xxxx - Gnome support
*       Date: 2008-jan-16
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/** Returns the absolute positioning of one or more of the edges. This will be applied last in the layout cycle and will not
* affect the flow or grid positions. The positioning is relative to the parent and can not (as padding) be used
* to adjust the edges relative to the old value. May be <code>null</code> and elements may be <code>null</code>.<br>
* <code>null</code> value(s) for the x2 and y2 will be interpreted as to keep the preferred size and thus the x1<br>
* and x2 will just absolutely positions the component.<br>
* <p>
* Note that { @link #setBoundsInGrid(boolean) } changes the interpretation of this property slightly.<br>
* <p>
* For a more thorough explanation of what this constraint does see the white paper or cheat Sheet at www.migcomponents.com.<br>
* @return The current value as a new array, free to modify.<br>
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* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/NoValidator.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/NoValueValidator.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/ParametersDelegate.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/IntegerConverter.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/PositiveInteger.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/NoValidator.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/NoValueValidator.java

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* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/PositiveInteger.java
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* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/ParametersDelegate.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/IntegerConverter.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/PositiveInteger.java
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* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/IntegerConverter.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-1-jar/com/beust/jcommander/validator/PositiveInteger.java
* /opt/cola/permits/1136701934_1613865330.83/0/jcommander-1-30-sources-
1.2256 rx-netty 0.4.9

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1.2264 azure-eventhubs 2.3.2
1.2264.1 Available under license :

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/*
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 */
/**
 * Send an '{@link EventData} with a partitionKey' to EventHub. All '{@link EventData}'s with a partitionKey are
guaranteed to land on the same partition.
 * This send pattern emphasize data correlation over general availability and latency.
 * <p>
 * There are 3 ways to send to EventHubs, each exposed as a method (along with its sendBatch overload):
 * <pre>
 * i.   '{@link #send(EventData)} or '{@link #send(Iterable)}
 * ii.  '{@link #send(EventData, String)} or '{@link #send(Iterable, String)}
 * iii. '{@link PartitionSender#send(EventData)} or '{@link PartitionSender#send(Iterable)}
 * </pre>
 * <p>
 * Use this type of Send, if:
 * <pre>
 * i. There is a need for correlation of events based on Sender instance; The sender can generate a UniqueId and set it as partitionKey - which on the received Message can be used for correlation
 * ii. The client wants to take control of distribution of data across partitions.
 * </pre>
 * <p>
 * Multiple PartitionKey's could be mapped to one Partition. EventHubs service uses a proprietary Hash algorithm
to map the PartitionKey to a PartitionId.

* Using this type of Send (Sending using a specific partitionKey), could sometimes result in partitions which are
  not evenly distributed.

  * @param eventData the [@link EventData] to be sent.
  * @param partitionKey the partitionKey will be hash'ed to determine the partitionId to send the eventData to. On
    the Received message this can be accessed at [@link EventData.SystemProperties#getPartitionKey()]
  * @return a CompletableFuture that can be completed when the send operations is done..
  * @see #send(EventData)
  * @see PartitionSender#send(EventData)

*/

Found in path(s):
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/EventHubClient.java
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Found in path(s):
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/EventHubException.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/Operation.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/TrackingUtil.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/WebSocketProxyConnectionHandler.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/ConnectionStringBuilder.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/EventHubRuntimeInformation.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/WebSocketConnectionHandler.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/PassByRef.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/SessionProvider.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/ReplayableWorkItem.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
    jar/com/microsoft/azure/eventhubs/impl/AmqpResponseCode.java
  * /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ReceiverContext.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/ReceiverDisconnectedException.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/PartitionSenderImpl.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/SessionHandler.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/PartitionReceiver.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ProtonUtil.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/OperationResult.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ErrorContextProvider.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/AmqpConnection.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/MessagingFactory.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/AmqpSender.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/Impl/RetryPolicy.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/IOObject.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/PartitionReceiveHandler.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ReceiveLinkHandler.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ReactHandler.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/RetryExponential.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/EventPositionImpl.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ActiveClientTokenManager.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/PartitionSender.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/TimeoutTracker.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
jar/com/microsoft/azure/eventhubs/impl/ReceivePump.java
* /opt/cola/permits/1243282643_1639631859.27/0/azure-eventhubs-2-3-2-sources-
1.2265 checker-qual 2.8.1

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1.2266 libxi 1.7.9-r2

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1.2267 jackson-dataformat-yaml 2.8.11

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1.2268 rocksdbjni 5.18.3
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import java.util.Map;

import com.sun.tools.doclets.Taglet;

import com.sun.javadoc.Tag;

/**
 *  A simple Taglet which handles Copyright information.
 */
public class CopyrightTaglet implements Taglet {

  private static final String NAME = "copyright";
  private static final String HEADER = "Copyright:"
;

  public String getName() {
    return NAME;
  }

  public boolean inField() {
    return true;
  }

  public boolean inConstructor() {
    return true;
  }

  public boolean inMethod() {
    return true;
  }

}
public boolean inOverview() {
return true;
}
public boolean inPackage() {
return true;
}
public boolean inType() {
return true;
}
public boolean isInlineTag() {
return false;
}
public static void register(Map tagletMap) {
CopyrightTaglet copyrightTaglet = new CopyrightTaglet();
tagletMap.put(copyrightTaglet.getName(), copyrightTaglet);
}
public String toString(Tag tag) {
return toString(new Tag[] { tag });
}
public String toString(Tag[] tags) {
if (tags.length == 0) {
return null;
}
else {
boolean haveValidTag = false;
for (int i = 0; i < tags.length && !haveValidTag; ++i) {
if (tags[i].text().length() > 0) {
haveValidTag = true;
}
}
if (haveValidTag) {
StringBuffer result = new StringBuffer();
result.append("<dl>");
for (int i = 0; i < tags.length; i++) {
if (tags[i].text().length() > 0) {
result.append("<dt><i>Copyright &#169; " + tags[i].text() + "</i></dt>");
}
}
result.append("</dl>");
return result.toString();
}

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else {
    return null;
}
}
}
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That's all there is to it!

// DO NOT EDIT THIS FILE - it is machine generated -*- c++ -*-

#ifndef __java_security_Permission__
define __java_security_Permission__

#pragma interface

#include <java/lang/Object.h>
extern "Java"
{
namespace java
{
namespace security
{
class Permission;

class PermissionCollection;
}
}
}

class java::security::Permission : public ::java::lang::Object
{
public:
Permission(::java::lang::String *);
virtual void checkGuard(::java::lang::Object *);
virtual jboolean implies(::java::security::Permission *) = 0;
virtual jboolean equals(::java::lang::Object *) = 0;
virtual jint hashCode() = 0;
virtual ::java::lang::String * getName();
virtual ::java::lang::String * getActions() = 0;
virtual ::java::security::PermissionCollection * newPermissionCollection();
virtual ::java::lang::String * toString();
private:
static const jlong serialVersionUID = -563657022231596674LL;
::java::lang::String * __attribute__((aligned(__alignof__( ::java::lang::Object)))) name;
public:
static ::java::lang::Class class$;
};

#endif // __java_security_Permission__
@ignore
@c Set file name and title for man page.
@setfilename gpl
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/* Permission.java -- The superclass for all permission objects

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package java.security;

import gnu.java.lang.CPStringBuilder;

import java.io.Serializable;

/**
 * This class is the abstract superclass of all classes that implement
 * the concept of a permission. A permission consists of a permission name
 * and optionally a list of actions that relate to the permission. The
 * actual meaning of the name of the permission is defined only in the
 * context of a subclass. It may name a resource to which access permissions
 * are granted (for example, the name of a file) or it might represent
 * something else entirely. Similarly, the action list only has meaning
 * within the context of a subclass. Some permission names may have no
 * actions associated with them. That is, you either have the permission
 * or you don't.
 * 
 * The most important method in this class is `<code>implies</code>`. This
 * checks whether if one has this permission, then the specified
 * permission is also implied. As a conceptual example, consider the
 * permissions "Read All Files" and "Read File foo". The permission
* "Read All Files" implies that the caller has permission to read the
* file foo.
*
* <p><code>Permission</code>’s must be immutable - do not change their
* state after creation.
*
* @author Aaron M. Renn (arenn@urbanophile.com)
* @see Permissions
* @see PermissionCollection
* @since 1.1
* @status updated to 1.4
* /
public abstract class Permission implements Guard, Serializable
{
/**
 * Compatible with JDK 1.1+.
 */
private static final long serialVersionUID = -5636570222231596674L;

/**
 * This is the name assigned to this permission object.
 *
 * @serial the name of the permission
 */
private String name;

/**
 * Create an instance with the specified name.
 *
 * @param name the permission name
 */
public Permission(String name)
{
    this.name = name;
}

/**
 * This method implements the <code>Guard</code> interface for this class.
 * It calls the <code>checkPermission</code> method in
 * <code>SecurityManager</code> with this <code>Permission</code> as its
 * argument. This method returns silently if the security check succeeds
 * or throws an exception if it fails.
 *
 * @param obj the <code>Object</code> being guarded - ignored by this class
 * @throws SecurityException if the security check fails
 * @see GuardedObject
 * @see SecurityManager#checkPermission(Permission)
 */
public void checkGuard(Object obj)
{
    SecurityManager sm = System.getSecurityManager();
    if (sm != null)
        sm.checkPermission(this);
}

/**
 * This method tests whether this <code>Permission</code> implies that the
 * specified <code>Permission</code> is also granted.
 * @param perm the <code>Permission</code> to test against
 * @return true if perm is implied by this
 */
public abstract boolean implies(Permission perm);

/**
 * Check to see if this object equals obj. Use <code>implies</code>, rather
 * than <code>equals</code>, when making access control decisions.
 * @param obj the object to compare to
 */
public abstract boolean equals(Object obj);

/**
 * This method returns a hash code for this <code>Permission</code>. It
 * must satisfy the contract of <code>Object.hashCode</code>: it must be
 * the same for all objects that equals considers to be the same.
 * @return a hash value
 */
public abstract int hashCode();

/**
 * Get the name of this <code>Permission</code>.
 * @return the name
 */
public final String getName()
{
    return name;
}

/**
 * This method returns the list of actions for this <code>Permission</code>
 * as a <code>String</code>. The string should be in canonical order, for
 * example, both <code>new FilePermission(f, "write,read")</code> and
 * <code>new FilePermission(f, "read,write")</code> have the action list
* "read,write".
*
* @return the action list for this <code>Permission</code>
*/
public abstract String getActions();

/**
* This method returns an empty <code>PermissionCollection</code> object
* that can store permissions of this type, or <code>null</code> if no
* such collection is defined. Subclasses must override this to provide
* an appropriate collection when one is needed to accurately calculate
* <code>implies</code>
*.
*
* @return a new <code>PermissionCollection</code>
*/
public PermissionCollection newPermissionCollection()
{
    return null;
}

/**
* This method returns a <code>String</code> representation of this
* <code>Permission</code> object. This is in the format:
* <code>('+ getClass().getName() + ' ' + getName() + ' ' + getActions
* + ')'</code>.
*
* @return this object as a <code>String</code>
*/
public String toString()
{
    CPStringBuilder string = new CPStringBuilder();

    string = string.append('(');
    string = string.append(getClass().getName());
    string = string.append(' ');
    string = string.append(getName());
    if (!(getActions().equals("")))
    {
        string = string.append(' ');
        string = string.append(getActions());
    }

    string = string.append(')');
    return string.toString();
}
} // class Permission
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Version 2.1, February 1999

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<para>
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</li>
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The following code is an example of how this program is distributed:

```python
#!/usr/bin/python

# Copyright (C) 2013 Free Software Foundation, Inc.
```
# This script 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; either version 3, or (at your option)
# any later version.

# This script adjusts the copyright notices at the top of source files
# so that they have the form:
#
#   Copyright XXXX-YYYY Free Software Foundation, Inc.
#
# It doesn't change code that is known to be maintained elsewhere or
# that carries a non-FSF copyright.
#
# The script also doesn't change testsuite files, except those in
# libstdc++-v3. This is because libstdc++-v3 has a conformance testsuite,
# while most tests in other directories are just things that failed at some
# point in the past.
#
# Pass --this-year to the script if you want it to add the current year
# to all applicable notices. Pass --quilt if you are using quilt and
# want files to be added to the quilt before being changed.
#
# By default the script will update all directories for which the
# output has been vetted. You can instead pass the names of individual
# directories, including those that haven't been approved. So:
#
#   update-copyright.pl --this-year
#
# is the command that would be used at the beginning of a year to update
# all copyright notices (and possibly at other times to check whether
# new files have been added with old years). On the other hand:
#
#   update-copyright.pl --this-year libjava
#
# would run the script on just libjava/.
#
# Note that things like --version output strings must be updated before
# this script is run. There's already a separate procedure for that.

import os
import re
import sys
import time
import subprocess

class Errors:
    def __init__(self):

if __name__ == '__main__':
    pass
self.num_errors = 0

def report(self, filename, string):
    if filename:
        string = filename + ':' + string
    sys.stderr.write(string + '\n')
    self.num_errors += 1

def ok(self):
    return self.num_errors == 0

class GenericFilter:
    def __init__(self):
        self.skip_files = set()
        self.skip_dirs = set()
        self.skip_extensions = set()
        self.fossilised_files = set()
        self.own_files = set()

        self.skip_files |= set([
            # Skip licence files.
            'COPYING',
            'COPYING.LIB',
            'COPYING3',
            'COPYING3.LIB',
            'LICENSE',
            'fdl.texi',
            'gpl_v3.texi',
            'fdl-1.3.xml',
            'gpl-3.0.xml',

            # Skip auto- and libtool-related files
            'aclocal.m4',
            'compile',
            'config.guess',
            'config.sub',
            'depcomp',
            'install-sh',
            'libtool.m4',
            'ltmain.sh',
            'ltroptions.m4',
            'ltversion.m4',
            'lt~obsolete.m4',
            'missing',
            'mkdep',
            'mkinstalldirs',
            'move-if-change',
        ]
        )
def get_line_filter(self, dir, filename):
    if filename.startswith('ChangeLog'):
    # Ignore references to copyright in changelog entries.
        return re.compile('t')
    return None

def skip_file(self, dir, filename):
    if filename in self.skip_files:
        return True
    (base, extension) = os.path.splitext(os.path.join(dir, filename))
    if extension in self.skip_extensions:
        return True
    if extension == '.in':
        # Skip .in files produced by automake.
        if os.path.exists(base + '.am'):
            return True
    # Skip files produced by autogen
    if (os.path.exists(base + '.def')
        and os.path.exists(base + '.tpl')):
        return True
    # Skip configure files produced by autoconf
    if filename == 'configure':
        if os.path.exists(base + '.ac'):
            return True
        if os.path.exists(base + '.in'):
            return True
    return False
def skip_dir (self, dir, subdir):
    return subdir in self.skip_dirs

def is_fossilised_file (self, dir, filename):
    if filename in self.fossilised_files:
        return True
    # Only touch current current ChangeLogs.
    if filename != 'ChangeLog' and filename.find ('ChangeLog') >= 0:
        return True
    return False

def by_package_author (self, dir, filename):
    return filename in self.own_files

class Copyright:
    def __init__ (self, errors):
        self.errors = errors

        # Characters in a range of years. Include '.' for typos.
        ranges = '[0-9]([-0-9.,\s]+and[0-9]+)'

        # Non-whitespace characters in a copyright holder's name.
        name = '\w-'

        # Matches one year.
        self.year_re = re.compile ('[0-9]+')

        # Matches part of a year or copyright holder.
        self.continuation_re = re.compile (ranges + '|' + name)

        # Matches a full copyright notice:
        self.copyright_re = re.compile ("
        # 1: 'Copyright (C)', etc.
        '((Cc)opyright'
        '[[Cc]opyrights+\([Cc]\)]' '[[Cc]opyrights+%''
        '[[Cc]opyrights+&copy;' '[[Cc]opyrights+@copyright{ ]}'
        '[copyright = u"'
        '[@set]+Copyright[\w-]+')

        # 2: the years. Include the whitespace in the year, so that
        # we can remove any excess.
        '\(\s*(:; ' + ranges + ' :;?)'
        '[@value\\{[^\{\}]\s*\}\s*]'

        # 3: 'by ', if used
        '(by\s+)'"
# 4: the copyright holder. Don't allow multiple consecutive
# spaces, so that right-margin gloss doesn't get caught
# (e.g. gnat_ugn.texi).
(' + name +(?:\s?" + name + ")*)?')

# A regexp for notices that might have slipped by. Just matching
# 'copyright' is too noisy, and 'copyright.*[0-9]' falls foul of
# HTML header markers, so check for 'copyright' and two digits.
self.other_copyright_re = re.compile ('copyright.*[0-9][0-9]',
    re.IGNORECASE)
sel_comment_re = re.compile('#+|[*]+|;+|%+|//+|@c |dnl ')
sel.holders = { '@copying': '@copying' }
sel.holder_prefixes = set()

# True to 'quilt add' files before changing them.
self.use_quilt = False

# If set, force all notices to include this year.
self.max_year = None

# Goes after the year(s). Could be ', '.
self.separator = ','

def add_package_author (self, holder, canon_form = None):
    if not canon_form:
        cannon_form = holder
    sel.holders[holder] = cannon_form
    index = holder.find (' ')
    while index >= 0:
        sel.holder_prefixes.add (holder[:index])
        index = holder.find (' ', index + 1)

def add_external_author (self, holder):
    sel.holders[holder] = None

class BadYear():
    def __init__ (self, year):
        self.year = year

    def __str__ (self):
        return 'unrecognised year: ' + self.year

    def parse_year (self, string):
        year = int (string)
        if len (string) == 2:
            if year > 70:
                return year + 1900
elif len(string) == 4:
    return year
raise self.BadYear(string)

def year_range(self, years):
    year_list = [self.parse_year(year)
                 for year in self.year_re.findall(years)]
    assert len(year_list) > 0
    return (min(year_list), max(year_list))

def set_use_quilt(self, use_quilt):
    self.use_quilt = use_quilt

def include_year(self, year):
    assert not self.max_year
    self.max_year = year

def canonicalise_years(self, dir, filename, filter, years):
    # Leave texinfo variables alone.
    if years.startswith('@value '):
        return years
    (min_year, max_year) = self.year_range(years)
    # Update the upper bound, if enabled.
    if self.max_year and not filter.is_fossilised_file(dir, filename):
        max_year = max(max_year, self.max_year)
    # Use a range.
    if min_year == max_year:
        return '%d' % min_year
    else:
        return '%d-%d' % (min_year, max_year)

def strip_continuation(self, line):
    line = line.lstrip()
    match = self.comment_re.match(line)
    if match:
        line = line[match.end():].lstrip()
    return line

def is_complete(self, match):
    holder = match.group(4)
    return (holder
            and (holder not in self.holder_prefixes
                 or holder in self.holders))

def update_copyright(self, dir, filename, filter, file, line, match):
orig_line = line
next_line = None
pathname = os.path.join (dir, filename)
intro = match.group (1)
if intro.startswith ('@set'):
# Texinfo year variables should always be on one line
after_years = line[match.end (2):].strip()
if after_years != '':
self.errors.report (pathname,
'trailing characters in @set: '
+ after_years)
return (False, orig_line, next_line)
else:
# If it looks like the copyright is incomplete, add the next line.
while not self.is_complete (match):
try:
next_line = file.next()
except StopIteration:
break
# If the next line doesn't look like a proper continuation,
# assume that what we've got is complete.
continuation = self.strip_continuation (next_line)
if not self.continuation_re.match (continuation):
break
# Merge the lines for matching purposes.
orig_line += next_line
line = line.rstrip() + ' ' + continuation
next_line = None
# Rematch with the longer line, at the original position.
match = self.copyright_re.match (line, match.start())
assert match
holder = match.group (4)
# Use the filter to test cases where markup is getting in the way.
if filter.by_package_author (dir, filename):
assert holder not in self.holders
elif not holder:
self.errors.report (pathname, 'missing copyright holder')
return (False, orig_line, next_line)
elif holder not in self.holders:
self.errors.report (pathname,

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'unrecognised copyright holder: ' + holder)
return (False, orig_line, next_line)

else:
    # See whether the copyright is associated with the package
    # author.
    canon_form = self.holders[holder]
    if not canon_form:
        return (False, orig_line, next_line)

    # Make sure the author is given in a consistent way.
    line = (line[:match.start (4)]
            + canon_form
            + line[match.end (4):])

    # Remove any 'by'
    line = line[:match.start (3)] + line[match.end (3):]

    # Update the copyright years.
    years = match.group (2).strip()
    try:
        canon_form = self.canonicalise_years (dir, filename, filter, years)
    except self.BadYear as e:
        self.errors.report (pathname, str (e))
        return (False, orig_line, next_line)

    line = (line[:match.start (2)]
            + ('' if intro.startswith ('copyright = ') else ' ')
            + canon_form + self.separator
            + line[match.end (2):])

    # Use the standard (C) form.
    if intro.endswith ('right'):
        intro += ' (C)'
    elif intro.endswith ('(c)'):
        intro = intro[:-3] + '(C)'
    line = line[:match.start (1)] + intro + line[match.end (1):]

    # Strip trailing whitespace
    line = line.rstrip() + '

    return (line != orig_line, line, next_line)

def process_file (self, dir, filename, filter):
    pathname = os.path.join (dir, filename)
    if filename.endswith ('.tmp'):
        # Looks like something we tried to create before.
        try:
os.remove (pathname)
except OSError:
    pass
return

lines = []
changed = False
line_filter = filter.get_line_filter (dir, filename)
with open (pathname, 'r') as file:
    prev = None
    for line in file:
        next_line = None
        # Leave filtered-out lines alone.
        if not (line_filter and line_filter.match (line)):
            match = self.copyright_re.search (line)
            if match:
                res = self.update_copyright (dir, filename, filter, file, line, match)
                (this_changed, line, next_line) = res
                changed = changed or this_changed
        # Check for copyright lines that might have slipped by.
        elif self.other_copyright_re.search (line):
            self.errors.report (pathname, 'unrecognised copyright: %s' % line.strip())
        lines.append (line)
        line = next_line

    # If something changed, write the new file out.
    if changed and self.errors.ok():
        tmp_pathname = pathname + '.tmp'
        with open (tmp_pathname, 'w') as file:
            for line in lines:
                file.write (line)
        if self.use_quilt:
            subprocess.call (["quilt", "add", pathname])
        os.rename (tmp_pathname, pathname)

def process_tree (self, tree, filter):
    for (dir, subdirs, filenames) in os.walk (tree):
        # Don't recurse through directories that should be skipped.
        for i in xrange (len (subdirs) - 1, -1, -1):
            if filter.skip_dir (dir, subdirs[i]):
                del subdirs[i]

        # Handle the files in this directory.
for filename in filenames:
    if filter.skip_file (dir, filename):
        sys.stdout.write ('Skipping %s\n' % os.path.join (dir, filename))
    else:
        self.process_file (dir, filename, filter)

class CmdLine:
    def __init__ (self, copyright = Copyright):
        self.errors = Errors()
        self.copyright = copyright (self.errors)
        self.dirs = []
        self.default_dirs = []
        self.chosen_dirs = []
        self.option_handlers = dict()
        self.option_help = []

        self.add_option ('--help', 'Print this help', self.o_help)
        self.add_option ('--quilt', '"quilt add" files before changing them', self.o_quilt)
        self.add_option ('--this-year', 'Add the current year to every notice', self.o_this_year)

    def add_option (self, name, help, handler):
        self.option_help.append ((name, help))
        self.option_handlers[name] = handler

    def add_dir (self, dir, filter = GenericFilter()):
        self.dirs.append ((dir, filter))

    def o_help (self, option = None):
        sys.stdout.write ('Usage: %s [options] dir1 dir2...

            Options:
' % sys.argv[0])
        format = '%-15s %s
'
        for (what, help) in self.option_help:
            sys.stdout.write (format % (what, help))
        sys.stdout.write ('Directories:
')
        format = '%-25s
'
        i = 0
        for (dir, filter) in self.dirs:
            i += 1
            if i % 3 == 0 or i == len (self.dirs):
                sys.stdout.write (dir + '\n')
            else:
                sys.stdout.write (format % dir)
        sys.exit (0)
def o_quilt (self, option):
    self.copyright.set_use_quilt (True)

def o_this_year (self, option):
    self.copyright.include_year (time.localtime().tm_year)

def main (self):
    for arg in sys.argv[1:]:
        if arg[:1] != '-':
            self.chosen_dirs.append (arg)
        elif arg in self.option_handlers:
            self.option_handlers[arg] (arg)
        else:
            self.errors.report (None, 'unrecognised option: ' + arg)
        if self.errors.ok():
            if len (self.chosen_dirs) == 0:
                self.chosen_dirs = self.default_dirs
            if len (self.chosen_dirs) == 0:
                self.o_help()
            else:
                for chosen_dir in self.chosen_dirs:
                    canon_dir = os.path.join (chosen_dir, '')
                    count = 0
                    for (dir, filter) in self.dirs:
                        if (dir + os.sep).startswith (canon_dir):
                            count += 1
                    self.copyright.process_tree (dir, filter)
                    if count == 0:
                        self.errors.report (None, 'unrecognised directory: '
                                          + chosen_dir)
                        sys.exit (0 if self.errors.ok() else 1)

#----------------------------------------------------------------------------------------

class TopLevelFilter (GenericFilter):
    def skip_dir (self, dir, subdir):
        return True

class ConfigFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

    def skip_file (self, dir, filename):
        if filename.endswith ('.m4'):
            pathname = os.path.join (dir, filename)
            with open (pathname) as file:
                # Skip files imported from gettext.
                if file.readline().find ('gettext-') >= 0:
return True
return GenericFilter.skip_file(self, dir, filename)

class GCCFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_files |= set(['
            # Not part of GCC
            'math-68881.h',
        ])

        self.skip_dirs |= set(['
            # Better not create a merge nightmare for the GNAT folks.
            'ada',

            # Handled separately.
            'testsuite',
        ])

        self.skip_extensions |= set(['
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

        self.fossilised_files |= set(['
            # Old news won't be updated.
            'ONEWS',
        ])

class TestsuiteFilter(GenericFilter):
    def __init__(self):
        GenericFilter.__init__(self)

        self.skip_extensions |= set(['
            # Don't change the tests, which could be woend by anyone.
            '.c',
            '.C',
            '.cc',
            '.h',
            '.hs',
            '.f',
            '.f90',
            '.go',
            '.inc',
        ])

def skip_file (self, dir, filename):
    # g++.niklas/README contains historical copyright information
    # and isn't updated.
    if filename == 'README' and os.path.basename (dir) == 'g++.niklas':
        return True
    return GenericFilter.skip_file (self, dir, filename)

class LibCppFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_extensions |= set ([
            # Maintained by the translation project.
            '.po',

            # Automatically-generated.
            '.pot',
        ])

class LibGCCFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_dirs |= set ([
            # Imported from GLIBC.
            'soft-fp',
        ])

class LibJavaFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)
        self.skip_dirs |= set ([
            # Handled separately.
            'testsuite',

            # Not really part of the library
            ' contrib',

            # Imported from upstream
            'classpath',
            'libltdl',
        ])

    def get_line_filter (self, dir, filename):

if filename == 'NameDecoder.h':
    return re.compile ('.*NAME_COPYRIGHT')
if filename == 'ICC_Profile.h':
    return re.compile ('.*icSigCopyrightTag')
return GenericFilter.get_line_filter (self, dir, filename)

class LibMudflapFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_dirs |= set ([
            # Handled separately.
            'testsuite',
        ])

class LibStdCxxFilter (GenericFilter):
    def __init__ (self):
        GenericFilter.__init__ (self)

        self.skip_files |= set ([
            # Contains no copyright of its own, but quotes the GPL.
            'intro.xml',
        ])

        self.skip_dirs |= set ([
            # Contains automatically-generated sources.
            'html',

            # The testsuite data files shouldn't be changed.
            'data',

            # Contains imported images
            'images',
        ])

        self.own_files |= set ([
            # Contains markup around the copyright owner.
            'spine.xml',
        ])

    def get_line_filter (self, dir, filename):
        if filename == 'boost_concept_check.h':
            return re.compile ('// \(C\) Copyright Jeremy Siek')
        return GenericFilter.get_line_filter (self, dir, filename)

class GCCCopyright (Copyright):
    def __init__ (self, errors):
        Copyright.__init__ (self, errors)
class GCCCmdLine (CmdLine):
    def __init__ (self):
        CmdLine.__init__ (self, GCCCopyright)

        self.add_dir ('.', TopLevelFilter())
        # boehm-gc is imported from upstream.
        self.add_dir ('config', ConfigFilter())
        # contrib isn't really part of GCC.
        self.add_dir ('fixincludes')
        self.add_dir ('gcc', GCCFilter())
self.add_dir(os.path.join('gcc', 'testsuite'), TestsuiteFilter())
self.add_dir('gnatools')
self.add_dir('include')
self.add_dir('libada')
self.add_dir('libatomic')
self.add_dir('libbacktrace')
self.add_dir('libcpp', LibCppFilter())
self.add_dir('libdecnumber')
# libffi is imported from upstream.
self.add_dir('libgcc', LibGCCFilter())
self.add_dir('libgfortran')
self.add_dir('libgomp')
self.add_dir('libiberty')
self.add_dir('libitm')
self.add_dir('libjava', LibJavaFilter())
self.add_dir(os.path.join('libjava', 'testsuite'), TestsuiteFilter())
self.add_dir('libmudflap', LibMudflapFilter())
self.add_dir(os.path.join('libmudflap', 'testsuite'), TestsuiteFilter())
self.add_dir('libobjc')
self.add_dir('libquadmath')
# libsanitiser is imported from upstream.
self.add_dir('libssp')
self.add_dir('libstdc++-v3', LibStdCxxFilter())
self.add_dir('lto-plugin')
# zlib is imported from upstream.

self.default_dirs = [
    'gcc',
    'libada',
    'libatomic',
    'libbacktrace',
    'libcpp',
    'libdecnumber',
    'libgcc',
    'libgfortran',
    'libgomp',
    'libitm',
    'libmudflap',
    'libobjc',
    'libstdc++-v3',
]

GCCCmdLine().main()

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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
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root function must still compute square roots.)

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<br />
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/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for DBX output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space HOST_WIDE_INT_PRINT_UNSIGNED\n”, (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \

/* This says how to output an assembler line 
   to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED)  
( fputs (".comm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT)  
( fputs (".lcomm ", (FILE)),
 assemble_name ((FILE), (NAME)),
 fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line 
   that says to advance the location counter 
   to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) 
if ((LOG)!=0) fprintf ((FILE), 	.align %d\n", (LOG))

/* This is how to store into the string BUF 
   the symbol_ref name of an internal numbered label where 
   PREFIX is the class of label and NUM is the number within the class. 
   This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) 
 sprintf ((BUF), 	*%s%ld", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_

/* Sequent has some changes in the format of DBX symbols. */
#define DBX_NO_XREFS 1

/* Don't split DBX symbols into continuations. */
#define DBX_CONTIN_LENGTH 0

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That's all there is to it!
java/security/Permission.java

namespace java

namespace security

namespace acl

class Permission;


class java::security::acl::Permission : public ::java::lang::Object
{

public:
    virtual jboolean equals(::java::lang::Object *) = 0;
    virtual ::java::lang::String * toString() = 0;
    static ::java::lang::Class class$;
} __attribute__ ((java_interface));

#endif // __java_security_acl_Permission__

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

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@mtiame.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(agt@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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/**
 * This interface provides information about a permission that can be
 * granted. Note that this is <em>not</em> the same as the class
 * <code>java.security.Permission</code>.
 * @version 0.0
 * @author Aaron M. Renn (arenn@urbanophile.com)
 */
public interface Permission
{
/**
 * This method tests whether or not a specified <code>Permission</code>
 * (passed as an <code>Object</code>) is the same as this permission.
 *
 * @param perm The permission to check for equality
 *
 * @return <code>true</code> if the specified permission is the same as this one, <code>false</code> otherwise
 */
boolean equals (Object perm);

/**
 * This method returns this <code>Permission</code> as a <code>String</code>.
 *
 * @return A <code>String</code> representing this permission.
 */
String toString();
}

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Directory native/fdlibm

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  . br
  . if t . Sp
  . ne 5
  . PP
  \B\$1\fR
  . PP
  ...
  . de Sp \" Vertical space (when we can't use .PP)
  . if t . sp .5v
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  . de Vb \" Begin verbatim text
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#define __gnu_javax_sound_AudioSecurityManager$Permission__
#pragma interface

#include <java/lang/Enum.h>
#include <gcj/array.h>

extern "Java"
{
    namespace gnu
    {
        namespace javax
        {
            namespace sound
            {
                class AudioSecurityManager$Permission;
            }
        }
    }

    class gnu::javax::sound::AudioSecurityManager$Permission : public ::java::lang::Enum
    {
        AudioSecurityManager$Permission(::java::lang::String *, jint);
public:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * values();
static ::gnu::javax::sound::AudioSecurityManager$Permission * valueOf(::java::lang::String *);
static ::gnu::javax::sound::AudioSecurityManager$Permission * PLAY;
static ::gnu::javax::sound::AudioSecurityManager$Permission * RECORD;
static ::gnu::javax::sound::AudioSecurityManager$Permission * ALL;
private:
static JArray< ::gnu::javax::sound::AudioSecurityManager$Permission * > * ENUM$VALUES;
public:
static ::java::lang::Class class$;
};

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1.2270 lz4 1.9.3-2

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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 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 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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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.

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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 be distributed under the terms of Sections 1 and 2 above on a
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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
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5. A program that contains no derivative of any portion of the
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That's all there is to it!

</pre>

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* /opt/ws_local/PERMITS_SQL/1053317302_1592032328.97/0/netty-transport-native-unix-common-4-1-50-final-sources-jar/netty_unix_buffer.h
* /opt/ws_local/PERMITS_SQL/1053317302_1592032328.97/0/netty-transport-native-unix-common-4-1-50-final-sources-jar/io/netty/channel/unix/Buffer.java
* /opt/ws_local/PERMITS_SQL/1053317302_1592032328.97/0/netty-transport-native-unix-common-4-1-50-final-sources-jar/netty_unix_buffer.c

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cmake-2.4.8/Utilities/cmake/compat/gethostname.c:
gethostname.c: minimal substitute for missing gethostname() function
created 2000-Mar-02 jmk
requires SVR4 uname() and -lc

by Jim Knoble
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cmake-2.4.8/Utilities/cmzlib/zlib.h:

zlib.h -- interface of the 'zlib' general purpose compression library version 1.1.4, March 11th, 2002

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cmake-2.4.8/Utilities/cmcurl/inet_pton.c,
cmake-2.4.8/Source/CTest/Curl/inet_pton.c:
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Sources for Time Zone and Daylight Saving Time Data
@(#)tz-link.htm 7.54

Please send corrections to this web page to the time zone mailing list.
The tz database

The public-domain time zone database contains code and data that represent the
history of local time for many representative locations around the globe. It is
updated periodically to reflect changes made by political bodies to time zone
boundaries, UTC offsets, and daylight-saving rules. This database (often called tz or zoneinfo) is used by several implementations, including the GNU C Library used in GNU/Linux, FreeBSD, NetBSD, OpenBSD, Cygwin, DJGPP, HP-UX, IRIX, Mac OS X, OpenVMS, Solaris, Tru64, and UnixWare.

Each location in the database represents a national region where all clocks keeping local time have agreed since 1970. Locations are identified by continent or ocean and then by the name of the location, which is typically the largest city within the region. For example, America/New_York represents most of the US eastern time zone; America/Phoenix represents most of Arizona, which uses mountain time without daylight saving time (DST); America/Detroit represents most of Michigan, which uses eastern time but with different DST rules in 1975; and other entries represent smaller regions like Starke County, Indiana, which switched from central to eastern time in 1991 and switched back in 2006. To use the database on an extended POSIX implementation set the TZ environment variable to the location's full name, e.g., TZ="America/New_York".

In the tz database’s FTP distribution the code is in the file tzcodeC.tar.gz, where C is the code's version; similarly, the data are in tzdataD.tar.gz, where D is the data's version. The following shell commands download these files to a GNU/Linux or similar host; see the downloaded README file for what to do next.

    wget 'ftp://elsie.nci.nih.gov/pub/tz*.tar.gz'
    gzip -dc tzcode*.tar.gz | tar -xf -
    gzip -dc tzdata*.tar.gz | tar -xf -

The code lets you compile the tz source files into machine-readable binary files, one for each location. It also lets you read a tz binary file and interpret time stamps for that location.

The data are by no means authoritative. If you find errors, please send changes to the time zone mailing list. You can also subscribe to the mailing list, retrieve the archive of old messages (in gzip compressed format), or retrieve archived older versions of code and data; there is also a smaller HTTP mirror.

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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
  jar/org/picocontainer/monitors/ComponentMonitorHelper.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
  jar/org/picocontainer/monitors/ConsoleComponentMonitor.java

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Found in path(s):
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jar/org/picocontainer/Disposable.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/Startable.java

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Found in path(s):
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*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ForgetfulConstructorInjection.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/SingleMemberInjector.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Intercepting.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ParameterNameBinding.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/MethodInjector.java
*/opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/AbstractParameter.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/PrimitiveMemberChecker.java
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Found in path(s):
No license file was found, but licenses were detected in source scan.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer/references/ThreadLocalReference.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/BindKey.java
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jar/org/picocontainer/BindKey.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer/containers/CompositePicoContainer.java
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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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jar/org/picocontainer/behaviors/Decorating.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/behaviors/FieldDecorating.java

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jar/org/picocontainer/containers/AbstractDelegatingMutablePicoContainer.java

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jar/org/picocontainer/classname/ClassLoaderPicoContainer.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/parameters/DefaultConstructorParameter.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/classname/ClassName.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/parameters/NullParameter.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
jar/org/picocontainer/classname/ClassPathElement.java
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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
  jar/org/picocontainer/PicoVisitor.java
* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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* /opt/ws_local/PERMITS_SQL/1013480939_1590521618.42/0/picocontainer-2-15-sources-1-
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1.2293 p11-kit 0.23.5 3.el7

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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.

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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Ty Coon, President of Vice

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1.2308 lsb 11.1.0

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1.2309 logstash-output-webhdfs 3.0.6

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1.2310 reflections 0.9.9

1.2311 libtext-template-perl 1.46-1

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The End
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jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
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/**
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# application/soap+xml
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
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# application/tamp-community-update-confirm
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# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
# application/tamp-status-query
# application/tamp-status-respond
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# application/tamp-update-confirm
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application/x-font-linux-psf
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application/x-font-pcfpcf
application/x-font-snf
# application/x-font-speedo
# application/x-font-sunos-news
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ttc
application/x-font-type1
pfa pfb pfm afm
# application/x-font-vfont
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1.2328 xml-apis 2.0.2
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    /**
     * Base class for deriving an XML filter.
     *
     * <blockquote>
     * <em>This module, both source code and documentation, is in the
     * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
     * </blockquote>
     *
     * This class is designed to sit between an XMLReader and the client application's event handlers. By default, it
     * does nothing but pass requests up to the reader and events
     * on to the handlers unmodified, but subclasses can override
     * specific methods to modify the event stream or the configuration
     * requests as they pass through.</p>
     *
     * @since SAX 2.0
     * @author David Megginson,
     * <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.XMLReader
* @see org.xml.sax.EntityResolver
* @see org.xml.sax/DTDHandler
* @see org.xml.sax.ContentHandler
* @see org.xml.sax.ErrorHandler
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/XMLFilterImpl.java

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/**
 * Basic interface for SAX error handlers.
 *
 * <blockquote>
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * If a SAX application needs to implement customized error
 * handling, it must implement this interface and then register an
 * instance with the XML reader using the
 * [@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}]
 * method. The parser will then report all errors and warnings
 * through this interface.</p>
 *
 * WARNING: If an application does not register an ErrorHandler, XML parsing errors will go unreported
 * and bizarre behaviour may result.</p>
 *
 * For XML processing errors, a SAX driver must use this interface
 * instead of throwing an exception: it is up to the application
 * to decide whether to throw an exception for different types of
 * errors and warnings. Note, however, that there is no requirement that
 * the parser continue to provide useful information after a call to
 * [@link #fatalError fatalError} (in other words, a SAX driver class
 * could catch an exception and report a fatalError).</p>
 *
 * @since SAX 1.0
 * @author David Megginson,
 *       <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.Parser#setErrorHandler
 * @see org.xml.sax.SAXParseException
 */
Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ErrorHandler.java

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/**
 * Interface for a list of XML attributes.
 *
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 * </blockquote>
 *
 * This interface allows access to a list of attributes in
 * three different ways:
 *
 * <ol>
 * <li>by attribute index;</li>
 * <li>by Namespace-qualified name; or</li>
 * <li>by qualified (prefixed) name.</li>
 * </ol>
 *
 * The list will not contain attributes that were declared
 * #IMPLIED but not specified in the start tag.  It will also not contain attributes used as Namespace declarations (xmlns*) unless the <code>http://xml.org/sax/features/namespace-prefixes</code> feature is set to <var>true</var> (it is <var>false</var> by default).  
 *
 * If the namespace-prefixes feature (see above) is <var>false</var>,
 * access by qualified name may not be available; if the 
 * <code>http://xml.org/sax/features/namespaces</code> feature is <var>false</var>, access by Namespace-qualified names may not be available.
 *
 * This interface replaces the now-deprecated SAX1 [ @link org.xml.sax.AttributeList AttributeList ] interface, which does not contain Namespace support.  In addition to Namespace support, it adds the <var>getIndex</var> methods (below).
 *
 * The order of attributes in the list is unspecified, and will
 * vary from implementation to implementation.
 *
 * @since SAX 2.0
 * @author David Megginson,
 *       <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
@see org.xml.sax.helpers.AttributeListImpl

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Attributes.java

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/**
 * Default implementation for AttributeList.
 *
 * <blockquote>
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * AttributeList implements the deprecated SAX1 {@link
 * org.xml.sax.AttributeList AttributeList} interface, and has been
 * replaced by the new SAX2 {@link org.xml.sax.helpers.AttributesImpl
 * AttributesImpl} interface.
 *
 * This class provides a convenience implementation of the SAX
 * {@link org.xml.sax.AttributeList AttributeList} interface. This
 * implementation is useful both for SAX parser writers, who can use
 * it to provide attributes to the application, and for SAX application
 * writers, who can use it to create a persistent copy of an element's
 * attribute specifications:</p>
 *
 * private AttributeList myatts;
 *
 * public void startElement (String name, AttributeList atts)
 * {
 *     // create a persistent copy of the attribute list
 *     // for use outside this method
 *     myatts = new AttributeListImpl(atts);
 * [...
 * }
 * </pre>
 *
 * Please note that SAX parsers are not required to use this
 * class to provide an implementation of AttributeList; it is
 * supplied only as an optional convenience. In particular,
 * parser writers are encouraged to invent more efficient
 * implementations.</p>
 *
 * @deprecated This class implements a deprecated interface,
 * {@link org.xml.sax.AttributeList AttributeList};
 * that interface has been replaced by
* which is implemented in the
* `AttributesImpl` helper class.
* @since SAX 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.AttributeList
* @see org.xml.sax.DocumentHandler#startElement
* /

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/AttributeListImpl.java
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/**
 * Interface for an XML filter.
 *
 * <blockquote>
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 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * An XML filter is like an XML reader, except that it obtains its
 * events from another XML reader rather than a primary source like
 * an XML document or database. Filters can modify a stream of
 * events as they pass on to the final application.
 *
 * The XMLFilterImpl helper class provides a convenient base
 * for creating SAX2 filters, by passing on all `EntityResolver`,
 * `DTDHandler`, `ContentHandler` and `ErrorHandler` events automatically.
 */
* @since SAX 2.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.helpers.XMLFilterImpl
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/XMLFilter.java
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/**
 * Interface for associating a SAX event with a document location.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * If a SAX parser provides location information to the SAX application, it does so by implementing this interface and then passing an instance to the application using the content handler's `{@link org.xml.sax.ContentHandler#setDocumentLocator setDocumentLocator}` method. The application can use the object to obtain the location of any other content handler event in the XML source document.
 *
 * Note that the results returned by the object will be valid only during the scope of each content handler method: the application will receive unpredictable results if it attempts to use the locator at any other time.
 *
 * SAX parsers are not required to supply a locator, but they are very strongly encouraged to do so. If the parser supplies a locator, it must do so before reporting any other document events. If no locator has been set by the time the application receives the `{@link org.xml.sax.ContentHandler#startDocument startDocument}` event, the application should assume that a locator is not available.
 *
 * @since SAX 1.0
 * @author David Megginson,
 * @version 2.0
 * @see org.xml.sax.ContentHandler#setDocumentLocator
 */

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/**
 * Receive notification of basic DTD-related events.
 *
 * <blockquote>
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 * </blockquote>
 */
If a SAX application needs information about notations and unparsed entities, then the application implements this interface and registers an instance with the SAX parser using the parser's setDTDHandler method. The parser uses the instance to report notation and unparsed entity declarations to the application.

Note that this interface includes only those DTD events that the XML recommendation requires processors to report: notation and unparsed entity declarations.

The SAX parser may report these events in any order, regardless of the order in which the notations and unparsed entities were declared; however, all DTD events must be reported after the document handler's startDocument event, and before the first startElement event.

It is up to the application to store the information for future use (perhaps in a hash table or object tree). If the application encounters attributes of type "NOTATION", "ENTITY", or "ENTITIES", it can use the information that it obtained through this interface to find the entity and/or notation corresponding with the attribute value.

@since SAX 1.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.Parser#setDTDHandler
@see org.xml.sax.HandlerBase

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jar/javax/xml/parsers/ConvertToURI.java
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/**
 * Default base class for handlers.
 *<p>
 *<blockquote>
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 *Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 *</blockquote>
 *<p>This class implements the default behaviour for four SAX1
* interfaces: EntityResolver, DTDHandler, DocumentHandler,
* and ErrorHandler. It is now obsolete, but is included in SAX2 to
* support legacy SAX1 applications. SAX2 applications should use
* the [{@link org.xml.sax.helpers.DefaultHandler DefaultHandler}] class instead.</p>
*<p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
*<p>Note that the use of this class is optional.</p>
*@deprecated This class works with the deprecated
*{@link org.xml.sax.DocumentHandler DocumentHandler} interface. It has been replaced by the SAX2
*{@link org.xml.sax.helpers.DefaultHandler DefaultHandler} class.
*@since SAX 1.0
*@author David Megginson,
*<a href="mailto:sax@megginson.com">sax@megginson.com</a>
*@version 2.0
*@see org.xml.sax.EntityResolver
*@see org.xml.sax.DTDHandler
*@see org.xml.sax.DocumentHandler
*@see org.xml.sax.ErrorHandler
*/

Found in path(s):
*/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/HandlerBase.java
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- The DOM Level 3 specification is at the stage of Working Draft, which represents work in progress and thus may be updated, replaced, or obsoleted by other documents at any time.

- The DOM Level 3 specification is at the stage of Working Draft, which represents work in progress and thus may be updated, replaced, or obsoleted by other documents at any time.

- Expected that the XPathEvaluator interface will be implemented on the same object which implements the Document interface.

- Interface in an implementation which supports the XPath DOM module.

- XPathEvaluator implementations may be available from other sources that may provide support for special extension functions or variables which are not defined in this specification.

- XPathExpression should be named with more-XPath-specific names because the interface will often be implemented by the same object which implements document.

- The point of interfaces is to localize the implementing namespace. This would make the method names unnecessarily long and complex even though there are no conflicts in the interface itself. The new core method getInterface is designed for discovering interfaces of additional modules that may not be directly implemented on the objects to which they are attached. This could be used to implement XPath on a separate object. The user only refers to the separate interfaces and not the proprietary aggregate implementation.

- Should entity refs be supported so that queries can be made on them? No change. We will not do this now. They are not part of the XPath data model. Note that they may be present in the hierarchy of returned nodes, but may not directly be requested or returned in the node set.

- What does createResult create when one wants to reuse the XPath? It is not useful. Removed method.

- Should ordering be a separate flag, or a type of result that can be requested. As a type of result, it can be better optimized in implementations. It makes sense as a type of result. Changed. Removed method. Implementing XPathEvaluator on Document can be a problem due to conflicts in the names of the methods. The working group finds no better solution. GetInterface in Level 3 permits the object to be implemented separately. We should be committed to this. We will leave this issue open to see if we get more feedback on it. How does this interface adapt to XPath 2.0 and other query languages? No change. This interface is not intended to adapt to XPath 2.0 or other languages. The models of these are likely to be incompatible enough to require new APIs. For alternate implementations that can use this API, it can be obtained from different sources. Support for custom variables and functions would be very useful. No change. It is possible for an implementation to supply alternative sources of an XPathEvaluator that can be customized with a custom variable and function context. We do not specify how this is accomplished. It is too complex to address in this version of the XPath DOM.

- See also the Document Object Model (DOM) Level 3 XPath Specification.
***/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/o/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathEvaluator.java

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/**
 * Interface for an element’s attribute specifications.
 *
 * This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</p>

This is the original SAX1 interface for reporting an element’s
* attributes. Unlike the new { @link org.xml.sax.Attributes Attributes } interface, it does not support Namespace-related information.</p>

* <p>When an attribute list is supplied as part of a
* event, the list will return valid results only during the
* scope of the event; once the event handler returns control
* to the parser, the attribute list is invalid. To save a
* persistent copy of the attribute list, use the SAX1
* { @link org.xml.sax.helpers.AttributeListImpl AttributeListImpl }
* helper class.</p>

* <p>An attribute list includes only attributes that have been
* specified or defaulted: #IMPLIED attributes will not be included.</p>

* <p>There are two ways for the SAX application to obtain information
* from the AttributeList. First, it can iterate through the entire
* list:</p>

* <pre>
* public void startElement (String name, AttributeList atts) {
*   for (int i = 0; i < atts.getLength(); i++) {
*     String name = atts.getName(i);
*     String type = atts.getType(i);
*     String value = atts.getValue(i);
*     [...] 
*   }
* }
* </pre>

* (Note that the result of getLength() will be zero if there
* are no attributes.)
As an alternative, the application can request the value or type of specific attributes:

```java
public void startElement (String name, AttributeList atts) {
  String identifier = atts.getValue("id");
  String label = atts.getValue("label");
  ...
}
```

@deprecated This interface has been replaced by the SAX2
(link org.xml.sax.Attributes Attributes)
interface, which includes Namespace support.

@since SAX 1.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.DocumentHandler#startElement startElement
@see org.xml.sax.helpers.AttributeListImpl AttributeListImpl

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Public Domain, and comes with <strong>NO WARRANTY</strong>.

This was the main event-handling interface for SAX1; in
SAX2, it has been replaced by { @link org.xml.sax.ContentHandler
ContentHandler}, which provides Namespace support and reporting
of skipped entities. This interface is included in SAX2 only
to support legacy SAX1 applications.

The order of events in this interface is very important, and
mirrors the order of information in the document itself. For
example, all of an element's content (character data, processing
instructions, and/or subelements) will appear, in order, between
the startElement event and the corresponding endElement event.

Application writers who do not want to implement the entire
* interface can derive a class from HandlerBase, which implements
* the default functionality; parser writers can instantiate
* HandlerBase to obtain a default handler. The application can find
* the location of any document event using the Locator interface
* supplied by the Parser through the setDocumentLocator method.</p>
*
* @deprecated This interface has been replaced by the SAX2
*             {@link org.xml.sax.ContentHandler ContentHandler}
*             interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#setDocumentHandler
* @see org.xml.sax.Locator
* @see org.xml.sax.HandlerBase
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/DocumentHandler.java
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// NO WARRANTY! This class is in the Public Domain.
/**
 * Factory for creating an XML reader.
 * 
 * <p>This class contains static methods for creating an XML reader
 * from an explicit class name, or based on runtime defaults:</p>
 * 
 * <pre>
 * try {
 *   XMLReader myReader = XMLReaderFactory.createXMLReader();
 * } catch (SAXException e) {
 *   System.err.println(e.getMessage());
 * }
 * </pre>
 * 
 * <p>Note to Distributions bundled with parsers:</p>
 * You should modify the implementation of the no-arguments
 * <em>createXMLReader</em> to handle cases where the external
configuration mechanisms aren't set up. That method should do its best to return a parser when one is in the class path, even when nothing bound its class name to <code>org.xml.sax.driver</code> so those configuration mechanisms would see it.</p>

* @since SAX 2.0
* @author David Megginson, David Brownell
* @version 2.0r2pre3
*/

// This class is in the Public Domain. NO WARRANTY!
/**
 * Encapsulate Namespace logic for use by SAX drivers.
 * *
 * @<blockquote>
 * @em>This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong><em>.</em>
 * @</blockquote>
 * *
 * @p>This class encapsulates the logic of Namespace processing:
 * it tracks the declarations currently in force for each context and automatically processes qualified XML 1.0 names into their Namespace parts; it can also be used in reverse for generating XML 1.0 from Namespaces.</p>

* Namespace support objects are reusable, but the reset method must be invoked between each session.</p>

* Here is a simple session:</p>

* *
* <pre>
* String parts[] = new String[3];
* NamespaceSupport support = new NamespaceSupport();
* *
* support.pushContext();
* support.declarePrefix("", "http://www.w3.org/1999/xhtml");
* support.declarePrefix("dc", "http://www.purl.org/dc#");
* *
* String parts[] = support.processName("p", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
*/

No license file was found, but licenses were detected in source scan.
* String parts[] = support.processName("dc:title", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);

* support.popContext();
* </pre>
* 
* 
* Note that this class is optimized for the use case where most
* elements do not contain Namespace declarations: if the same
* prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
* 
* @since SAX 2.0
* @author David Megginson,
* <a href="mailto:sax@meggisson.com">sax@meggisson.com</a>
* @version 2.0
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/helpers/NamespaceSupport.java
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// NO WARRANTY! This class is in the public domain.
/**
* Default base class for SAX2 event handlers.
* 
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.<br/>
* </blockquote>
* 
* This class is available as a convenience base class for SAX2
* applications: it provides default implementations for all of the
* callbacks in the four core SAX2 handler classes:</p>
* 
* <ul>
* <li>{@link org.xml.sax.EntityResolver EntityResolver}</li>
* <li>{@link org.xml.sax.DTDHandler DTDHandler}</li>
* <li>{@link org.xml.sax.ContentHandler ContentHandler}</li>
* <li>{@link org.xml.sax.ErrorHandler ErrorHandler}</li>
* </ul>
* 
* Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
This class replaces the deprecated SAX1
[@link org.xml.sax.HandlerBase HandlerBase] class.</p>

@since SAX 2.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.EntityResolver
@see org.xml.sax.DTDHandler
@see org.xml.sax.ContentHandler
@see org.xml.sax.ErrorHandler

Encapsulate an XML parse error or warning.

This module, both source code and documentation, is in the
Public Domain, and comes with <strong>NO WARRANTY</strong>.</p>

This exception will include information for locating the error
in the original XML document. Note that although the application
will receive a SAXParseException as the argument to the handlers
in the [ @link org.xml.sax.ErrorHandler ErrorHandler] interface,
the application is not actually required to throw the exception;
instead, it can simply read the information in it and take a
different action.</p>

Since this exception is a subclass of [ @link org.xml.sax.SAXException
SAXException], it inherits the ability to wrap another exception.</p>

@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.SAXException
@see org.xml.sax.Locator
@see org.xml.sax.ErrorHandler

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/**
 * Encapsulate an XML parse error or warning.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * This exception will include information for locating the error
 * in the original XML document. Note that although the application
 * will receive a SAXParseException as the argument to the handlers
 * in the [ @link org.xml.sax.ErrorHandler ErrorHandler] interface,
 * the application is not actually required to throw the exception;
 * instead, it can simply read the information in it and take a
 * different action.</p>
 *
 * Since this exception is a subclass of [ @link org.xml.sax.SAXException
 * SAXException], it inherits the ability to wrap another exception.</p>
 *
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.SAXException
@see org.xml.sax.Locator
@see org.xml.sax.ErrorHandler

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 */

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* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/RangeException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/CharacterData.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/NamedNodeMap.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Text.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/Event.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Notation.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/DocumentEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/EventTarget.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Attr.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ProcessingInstruction.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/EventException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/traversal/TreeWalker.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/MutationEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Comment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/EntityReference.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DocumentFragment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/CDATASection.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Node.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/NodeList.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DocumentType.java
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/**
 * Basic interface for resolving entities.
 *
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 *
 * If a SAX application needs to implement customized handling
 * for external entities, it must implement this interface and
 * register an instance with the SAX driver using the
 * method.
 *
 * The XML reader will then allow the application to intercept any
 * external entities (including the external DTD subset and external
 * parameter entities, if any) before including them.
 *
 * Many SAX applications will not need to implement this interface,
 * but it will be especially useful for applications that build
 * XML documents from databases or other specialised input sources,
 * or for applications that use URI types other than URLs.
 *
 * The following resolver would provide the application
 * with a special character stream for the entity with the system
 * identifier "http://www.myhost.com/today":
public class MyResolver implements EntityResolver {
    public InputSource resolveEntity (String publicId, String systemId) {
        if (systemId.equals("http://www.myhost.com/today")) {
            // return a special input source
            MyReader reader = new MyReader();
            return new InputSource(reader);
        } else {
            // use the default behaviour
            return null;
        }
    }
}

The application can also use this interface to redirect system
identifiers to local URIs or to look up replacements in a catalog
(possibly by using the public identifier).

@since SAX 1.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.Parser#setEntityResolver
@see org.xml.sax.InputSource
*/

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* details.
*/
Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLBRElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLTableRowElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLSelectElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLMenuElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLTableCellElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLHeadElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLBaseFontElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLULListElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLFrameSetElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLStyleElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLHRElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLOptionElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2.jar/org/w3c/dom/html/HTMLOptionElement.java

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/**
 * Provide an optional convenience implementation of Locator.
 * 
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * This class is available mainly for application writers, who
 * can use it to make a persistent snapshot of a locator at any
 * point during a document parse:
 *
 * <pre>
 * Locator locator;
 * Locator startloc;
 *
 * public void setLocator (Locator locator)
 * { 
 *     // note the locator
 *     this.locator = locator;
 * }
 *
 * public void startDocument ()
 * { 
 *     // save the location of the start of the document
 *     // for future use.
 *     Locator startloc = new LocatorImpl(locator);
 */
Normally, parser writers will not use this class, since it
is more efficient to provide location information only when
requested, rather than constantly updating a Locator object.</p>

@since SAX 1.0
@author David Megginson,
<a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.Locator Locator

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** Interface for reading an XML document using callbacks.

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*<em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em><br/>
* </blockquote>
* 
* <p><strong>Note:</strong> despite its name, this interface does not extend the standard Java [ @link java.io.Reader Reader] interface, because reading XML is a fundamentally different activity than reading character data.</p>
* 
* <p>XMLReader is the interface that an XML parser's SAX2 driver must implement. This interface allows an application to set and query features and properties in the parser, to register event handlers for document processing, and to initiate a document parse.</p>
* 
* <p>All SAX interfaces are assumed to be synchronous: the [ @link #parse parse] methods must not return until parsing is complete, and readers must wait for an event-handler callback to return before reporting the next event.</p>
* 
* <p>This interface replaces the (now deprecated) SAX 1.0 [ @link org.xml.sax.Parser Parser] interface. The XMLReader interface contains two important enhancements over the old Parser interface:</p>
* 
* <ol>
* <li>it adds a standard way to query and set features and properties; and</li>
* <li>it adds Namespace support, which is required for many higher-level XML standards.</li>
* </ol>
* 
* <p>There are adapters available to convert a SAX1 Parser to a SAX2 XMLReader and vice-versa.</p>
* 
* @since SAX 2.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.helpers.ParserAdapter
* @see org.xml.sax.helpers.XMLReaderAdapter
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/XMLReader.java
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/**
A single input source for an XML entity.

This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY.</p>

This class allows a SAX application to encapsulate information about an input source in a single object, which may include a public identifier, a system identifier, a byte stream (possibly with a specified encoding), and/or a character stream.

There are two places that the application will deliver this input source to the parser: as the argument to the Parser.parse method, or as the return value of the EntityResolver.resolveEntity method.

The SAX parser will use the InputSource object to determine how to read XML input. If there is a character stream available, the parser will read that stream directly; if not, the parser will use a byte stream, if available; if neither a character stream nor a byte stream is available, the parser will attempt to open a URI connection to the resource identified by the system identifier.

An InputSource object belongs to the application: the SAX parser shall never modify it in any way (it may modify a copy if necessary).

@since SAX 1.0
@author David Megginson,
        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.Parser#parse
@see org.xml.sax.EntityResolver#resolveEntity
@see java.io.InputStream
@see java.io.Reader
*/

Found in path(s):
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/InputSource.java

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// NO WARRANTY! This class is in the Public Domain.
/**
 * Exception class for an unsupported operation.
 */

<blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.<br />
* </blockquote>
*<p>An XMLReader will throw this exception when it recognizes a feature or property identifier, but cannot perform the requested operation (setting a state or value). Other SAX2 applications and extensions may use this class for similar purposes.</p>
*<p>@since SAX 2.0</p>
*<p>@author David Megginson, <a href="mailto:sax@megginson.com">sax@megginson.com</a></p>
*<p>@version 2.0</p>
*<p>@see org.xml.sax.SAXNotSupportedException</p>
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXNotSupportedException.java
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/**
 * Adapt a SAX1 Parser as a SAX2 XMLReader.
 * <blockquote>
 * <em>This module, both source code and documentation, is in the Public Domain, and comes with NO WARRANTY</em></blockquote>
 */

<p>This class wraps a SAX1{@link org.xml.sax.Parser Parser} and makes it act as a SAX2{@link org.xml.sax.XMLReader XMLReader}, with feature, property, and Namespace support. Note that it is not possible to report{@link org.xml.sax.ContentHandler#skippedEntity skippedEntity} events, since SAX1 does not make that information available.</p>

<p>This adapter does not test for duplicate Namespace-qualified attribute names.</p>

@since SAX 2.0
@author David Megginson,
a href="mailto:sax@megginson.com">sax@megginson.com</a>
@version 2.0
@see org.xml.sax.helpers.XMLReaderAdapter
@see org.xml.sax.XMLReader
@see org.xml.sax.Parser

/**
 * Adapt a SAX1 AttributeList as a SAX2 Attributes object.
 *
 * <p>This class is in the Public Domain, and comes with NO WARRANTY of any kind.</p>
 *
 * This wrapper class is used only when Namespace support is disabled -- it provides pretty much a direct mapping from SAX1 to SAX2, except that names and types are interned whenever requested.</p>
 */

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/package.html
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/package.html

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/**
* Default implementation of the Attributes interface.
*
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* </blockquote>
*
* <p>This class provides a default implementation of the SAX2 <link org.xml.sax.Attributes Attributes> interface, with the addition of manipulators so that the list can be modified or reused.</p>
*
* <p>There are two typical uses of this class:</p>
* <ol>
* <li>to take a persistent snapshot of an Attributes object in a <link org.xml.sax.ContentHandler#startElement startElement> event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* This class replaces the now-deprecated SAX1 <link org.xml.sax.helpers.AttributeListImpl AttributeListImpl> class; in addition to supporting the updated Attributes interface rather than the deprecated AttributeList interface, it also includes a much more efficient implementation using a single array rather than a set of Vectors.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/AttributesImpl.java
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// NO WARRANTY! This class is in the Public Domain.
/**
* Create a new instance of a class by name.
*
* <blockquote>
* This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong>.
* </blockquote>
* </blockquote>
*<p>This class contains a static method for creating an instance of a class from an explicit class name. It tries to use the thread's context ClassLoader if possible and falls back to using Class.forName(String). It also takes into account JDK 1.2+'s AccessController mechanism for performing its actions. </p>*
*<p>This code is designed to run on JDK version 1.1 and later and compile on versions of Java 2 and later.</p>*
*
* @author Edwin Goei, David Brownell, Neil Graham
* @version $Id: NewInstance.java,v 1.2 2002/08/26 23:55:45 neilg Exp $
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/NewInstance.java
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/**
 * Encapsulate a general SAX error or warning.
 * </blockquote>
 * <em>This module, both source code and documentation, is in the Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *<p>This class can contain basic error or warning information from either the XML parser or the application: a parser writer or application writer can subclass it to provide additional functionality. SAX handlers may throw this exception or any exception subclassed from it.</p>*
*<p>If the application needs to pass through other types of exceptions, it must wrap those exceptions in a SAXException or an exception derived from a SAXException.</p>*
*<p>If the parser or application needs to include information about a specific location in an XML document, it should use the } subclass.</p>*
*
* @since SAX 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
@see org.xml.sax.SAXParseException
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXException.java
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// NO WARRANTY! This class is in the Public Domain.
/**
* Exception class for an unrecognized identifier.
* 
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
* 
* <p>An XMLReader will throw this exception when it finds an 
* unrecognized feature or property identifier; SAX applications and 
* extensions may use this class for other, similar purposes.</p>
* 
* @since SAX 2.0
* @author David Megginson,
* @version 2.0
* @see org.xml.sax.SAXNotSupportedException
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXNotRecognizedException.java
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Create a new <code>DOMBuilder</code>. The newly constructed parser may then be configured by means of its <code>setFeature</code> method, and used to parse documents by means of its <code>parse</code> method.

@param mode The <code>mode</code> argument is either <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the <code>DOMBuilder</code> that is created will operate in synchronous mode, if it's <code>MODE_ASYNCHRONOUS</code> then the <code>DOMBuilder</code> that is created will operate in asynchronous mode.

@param schemaType An absolute URI representing the type of the schema language used during the load of a <code>Document</code> using the newly created <code>DOMBuilder</code>. Note that no lexical checking is done on the absolute URI. In order to create a <code>DOMBuilder</code> for any kind of schema types (i.e. the DOMBuilder will be free to use any schema found), use the value <code>null</code>. For W3C XML Schema, applications must use the value <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD, applications must use the value <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages are outside the scope of the W3C and therefore should recommend an absolute URI in order to use this method.

@return The newly created <code>DOMBuilder</code> object. This <code>DOMBuilder</code> is either synchronous or asynchronous depending on the value of the <code>mode</code> argument. By default, the newly created <code>DOMBuilder</code> does not contain a <code>DOMErrorHandler</code>, i.e. the <code>DOMBuilder</code> will operate with a default error handler at creation time. In that case, the initial value of the <code>DOMBuilder</code> attribute on the new created <code>DOMBuilder</code> contains a reference to the default error handler.

@exception DOMException NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is not supported.
/**
 * Basic interface for SAX (Simple API for XML) parsers.
 *
 * <blockquote>
 * <em>This module, both source code and documentation, is in the
 * Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
 * </blockquote>
 *
 * This was the main event supplier interface for SAX1; it has
 * been replaced in SAX2 by [@link org.xml.sax.XMLReader XMLReader],
 * which includes Namespace support and sophisticated configurability
 * and extensibility.
 *
 * All SAX1 parsers must implement this basic interface: it allows
 * applications to register handlers for different types of events
 * and to initiate a parse from a URI, or a character stream.
 *
 * All SAX1 parsers must also implement a zero-argument constructor
 * (though other constructors are also allowed).
 *
 * SAX1 parsers are reusable but not re-entrant: the application
 * may reuse a parser object (possibly with a different input source)
 * once the first parse has completed successfully, but it may not
 * invoke the parse() methods recursively within a parse.
 *
 * @deprecated This interface has been replaced by the SAX2
 *             [@link org.xml.sax.XMLReader XMLReader] interface, which includes Namespace support.
 * @since SAX 1.0
 * @author David Megginson,
 *         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
 * @see org.xml.sax.EntityResolver
 * @see org.xml.sax.DTDHandler
 * @see org.xml.sax.DocumentHandler
 * @see org.xml.sax.ErrorHandler
 * @see org.xml.sax.HandlerBase
 * @see org.xml.sax.InputSource
 */

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Parser.java
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/**
* SAX2 extension handler for DTD declaration events.
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
* 
* This is an optional extension handler for SAX2 to provide
* information about DTD declarations in an XML document. XML
* readers are not required to support this handler, and this
* handler is not included in the core SAX2 distribution.</p>
* 
* Note that data-related DTD declarations (unparsed entities and
* notations) are already reported through the { @link
* org.xml.sax.DTDHandler DTDHandler } interface.</p>
* 
* If you are using the declaration handler together with a lexical
* handler, all of the events will occur between the
* { @link org.xml.sax.ext.LexicalHandler#startDTD startDTD } and the
* { @link org.xml.sax.ext.LexicalHandler#endDTD endDTD } events.</p>
* 
* To set the DeclHandler for an XML reader, use the
* { @link org.xml.sax.XMLReader#setProperty setProperty } method
* with the propertyId "http://xml.org/sax/properties/declaration-handler".
* If the reader does not support declaration events, it will throw a
* { @link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException }
* or a
* { @link org.xml.sax.SAXNotSupportedException SAXNotSupportedException }
* when you attempt to register the handler.</p>
* 
* @since 1.0
* @author David Megginson,
* <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 1.0
* @see org.xml.sax.XMLReader
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/DeclHandler.java
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/**
* Java-specific class for dynamically loading SAX parsers.
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</blockquote>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* Note: This class is designed to work with the now-deprecated SAX1 `Parser` class. SAX2 applications should use `XMLReaderFactory` instead.

* ParserFactory is not part of the platform-independent definition of SAX; it is an additional convenience class designed specifically for Java XML application writers. SAX applications can use the static methods in this class to allocate a SAX parser dynamically at run-time based either on the value of the `org.xml.sax.parser` system property or on a string containing the class name.

* Note that the application still requires an XML parser that implements SAX1.

* Deprecated This class works with the deprecated `Parser` interface.

@deprecated This class works with the deprecated `Parser` interface.

@since SAX 1.0

@author David Megginson

@version 2.0r2pre3

*/

Found in path(s):
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/ParserFactory.java
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Found in path(s):
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  jar/javax/xml/parsers/FilePathToURI.java
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/**
* Adapt a SAX2 XMLReader as a SAX1 Parser.
This class wraps a SAX2 \{@link org.xml.sax.XMLReader XMLReader\} and makes it act as a SAX1 \{@link org.xml.sax.Parser Parser\}. The XMLReader must support a true value for the http://xml.org/sax/features/namespace-prefixes property or parsing will fail with a \{@link org.xml.sax.SAXException SAXException\}; if the XMLReader supports a false value for the http://xml.org/sax/features/namespaces property, that will also be used to improve efficiency.</p>

* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser
* @see org.xml.sax.XMLReader
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
  jar/org/xml/sax/helpers/XMLReaderAdapter.java
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/**
* Receive notification of the logical content of a document.
* *
* <blockquote>
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* *
* <p>This is the main interface that most SAX applications implement: if the application needs to be informed of basic parsing events, it implements this interface and registers an instance with the SAX parser using the \{@link org.xml.sax.XMLReader#setContentHandler setContentHandler\} method. The parser uses the instance to report basic document-related events like the start and end of elements and character data.</p>
* *
* The order of events in this interface is very important, and mirrors the order of information in the document itself. For example, all of an element's content (character data, processing instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>This interface is similar to the now-deprecated SAX 1.0
* DocumentHandler interface, but it adds support for Namespaces
* and for reporting skipped entities (in non-validating XML
* processors).</p>
*
* <p>Implementors should note that there is also a Java class
* […]ContentHandler in the java.net
* package; that means that it's probably a bad idea to do</p>
*
* <blockquote>
* import java.net.*;
* import org.xml.sax.*;
* </blockquote>
*
* <p>In fact, "import …*" is usually a sign of sloppy programming
* anyway, so the user should consider this a feature rather than a
* bug.</p>
*
* @since SAX 2.0
* @author David Megginson,
* @version 2.0
* @see org.xml.sax.XMLReader
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ErrorHandler
*/

Found in path(s):
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ContentHandler.java
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/**
* SAX2 extension handler for lexical events.
*
* <blockquote>
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* Public Domain, and comes with NO WARRANTY.</em>
* </blockquote>
*
* <p>This is an optional extension handler for SAX2 to provide
* lexical information about an XML document, such as comments
* and CDATA section boundaries; XML readers are not required to
* support this handler, and it is not part of the core SAX2
* distribution.</p>
The events in the lexical handler apply to the entire document, not just to the document element, and all lexical handler events must appear between the content handler's startDocument and endDocument events.

To set the LexicalHandler for an XML reader, use the

```java
@link org.xml.sax.XMLReader#setProperty setProperty
```

method with the propertyName "http://xml.org/sax/properties/lexical-handler".

If the reader does not support lexical events, it will throw a

```java
@link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException
```

or a

```java
@link org.xml.sax.SAXNotSupportedException SAXNotSupportedException
```

when you attempt to register the handler.

@since 1.0
@version 1.0
@copyright David Megginson,
  <a href="mailto:sax@megginson.com">sax@megginson.com</a>
@see org.xml.sax.XMLReader#setProperty
@see org.xml.sax.SAXNotRecognizedException
@see org.xml.sax.SAXNotSupportedException

Found in path(s):

```
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/LexicalHandler.java
```

## 1.2329 systemd 229-4ubuntu21.27

### 1.2329.1 Available under license:

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1.2337 azure-storage 8.6.6

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* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/CorsHttpMethods.java
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jar/com/microsoft/azure/storage/file/FileRangeHandler.java
* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/blob/PremiumPageBlobTier.java
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* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/table/TableStorageErrorDeserializer.java
* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/core/BlobQueueFileCanonicalizer.java
* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/table/SharedAccessTablePolicy.java
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* /opt/cola/permits/1243282840_1639631819.61/0/azure-storage-8-6-6-sources-jar/com/microsoft/azure/storage/UserDelegationKeyHandler.java
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1.2338 pynacl 1.4.0

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1.2340 nokogiri 1.12.5

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# Vendored Dependency Licenses

Nokogiri ships with some third party dependencies, which are listed here along with their licenses.

Note that this document is broken into multiple sections, each of which describes the dependencies of a different "platform release" of Nokogiri.

<!-- regenerate TOC with `markdown-toc -i` -->

<!-- toc

- [Platform Releases](#platform-releases)
  * [Default platform release ("ruby")](#default-platform-release-ruby)
  * [Native Linux platform releases ("x86_64-linux" and "arm64-linux")](#native-linux-x86_64-linux-and-arm64-linux)
  * [Native Darwin (macOS) platform releases ("x86_64-darwin" and "arm64-darwin")](#native-darwin-macos-x86_64-darwin-and-arm64-darwin)
  * [Native Windows platform releases ("x86-mingw32" and "x64-mingw32")](#native-windows-x86-mingw32-and-x64-mingw32)
  * [Java (JRuby) platform release ("java")](#java-jruby-platform-release-java)

- [Appendix: Dependencies' License Texts](#appendix-dependencies-license-texts)
  * [libgumbo and nokogumbo](#libgumbo-and-nokogumbo)
  * [libxml2](#libxml2)
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  * [zlib](#zlib)
  * [libiconv](#libiconv)
  * [isorelax](#isorelax)
  * [jing](#jing)
  * [nekodtd](#nekodtd)
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You can double-check the dependencies in your gem file by examining the output of `nokogiri -v` after installation, which will emit the complete set of libraries in use (for versions `>= 1.11.0.rc4`).
In particular, I'm sure somebody's lawyer, somewhere, is going to freak out that the LGPL appears in this file; and so I'd like to take special note that the dependency covered by LGPL, `libiconv`, is only being redistributed in the native Windows and native Darwin platform releases. It's not present in default, Java, or native Linux releases.

## Platform Releases

### Default platform release ("ruby")

The default platform release distributes the following dependencies in source form:

- [libxml2](#libxml2)
- [libxslt](#libxslt)
- [libgumbo and nokogumbo](#libgumbo-and-nokogumbo)

This distribution can be identified by inspecting the included Gem::Specification, which will have the value "ruby" for its "platform" attribute.

### Native Linux platform releases ("x86_64-linux" and "arm64-linux")

The native Linux platform release distributes the following dependencies in source form:

- [libxml2](#libxml2)
- [libxslt](#libxslt)
- [libgumbo and nokogumbo](#libgumbo-and-nokogumbo)
- [zlib](#zlib)

This distribution can be identified by inspecting the included Gem::Specification, which will have a value similar to "x86_64-linux" or "x86-linux" for its "platform.cpu" attribute.

### Native Darwin (macOS) platform releases ("x86_64-darwin" and "arm64-darwin")

The native Darwin platform release distributes the following dependencies in source form:

- [libxml2](#libxml2)
- [libxslt](#libxslt)
- [libgumbo and nokogumbo](#libgumbo-and-nokogumbo)
- [zlib](#zlib)
- [libiconv](#libiconv)

This distribution can be identified by inspecting the included Gem::Specification, which will have a value similar to "x86_64-darwin" or "arm64-darwin" for its "platform.cpu" attribute. Darwin is also known more familiarly as "OSX" or "macOS" and is the operating system for many Apple computers.
### Native Windows platform releases ("x86-mingw32" and "x64-mingw32")

The native Windows platform release distributes the following dependencies in source form:

- [libxml2](#libxml2)
- [libxslt](#libxslt)
- [libgumbo and nokogumbo](#libgumbo-and-nokogumbo)
- [zlib](#zlib)
- [libiconv](#libiconv)

This distribution can be identified by inspecting the included Gem::Specification, which will have a value similar to "x64-mingw32" or "x86-mingw32" for its "platform.cpu" attribute.

### Java (JRuby) platform release ("java")

The Java platform release distributes the following dependencies as compiled jar files:

- [isorelax](#isorelax)
- [jing](#jing)
- [nekohtml](#nekohtml)
- [xalan](#xalan)
- [xerces](#xerces)
- [xml-apis](#xml-apis)

This distribution can be identified by inspecting the included Gem::Specification, which will have the value "java" for its "platform.os" attribute.

## Appendix: Dependencies' License Texts

This section contains a subsection for each potentially-distributed dependency, which includes the name of the license and the license text.

Please see previous sections to understand which of these potential dependencies is actually distributed in the gem file you're downloading and using.

### libgumbo and nokogumbo

Apache 2.0

https://github.com/rubys/nokogumbo/blob/f6a7412/LICENSE.txt

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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.

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    analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
    analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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Found in path(s):
*/opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/service/condpermadmin/BundleLocationCondition.java
*/opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/AllServiceListener.java
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* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/framework/SignerProperty.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/framework/BundleReference.java

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* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/service/packageadmin/RequiredBundle.java

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Return the certificates for the signers of this bundle and the certificate chains for those signers.

@throws IllegalArgumentException If the specified signersType is not @link #SIGNERS_ALL or @link #SIGNERS_TRUSTED.

@since 1.5

Found in path(s):

/opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework(Bundle.java)

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* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/framework/SynchronousBundleListener.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/service/permissionadmin/PermissionAdmin.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2.jar/org/osgi/service/packageadmin/ExportedPackage.java
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* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleException.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/InvalidSyntaxException.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServiceFactory.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/FrameworkListener.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleListener.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServiceListener.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleActivator.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleContext.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleEvent.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/BundleEvent.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServiceEvent.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServiceRegistration.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServicePermission.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/ServiceReference.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/framework/Filter.java
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* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/service/url/URLStreamHandlerSetter.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/service/url/AbstractURLStreamHandlerService.java
* /opt/cola/permits/1136651970_1613848941.46/0/org-osgi-core-4-2-0-sources-2-jar/org/osgi/service/url/URLConstants.java

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 */
/**
 * Creates a new <code>PackagePermission</code> object.
 *
 * <p>
 * The name is specified as a normal Java package name: a dot-separated
 * string. Wildcards may be used.
 *
 * <p>
 * Examples:
 *
 * <pre>
 * org.osgi.service.http
 * javax.servlet.*
 * *
 * </pre>
 *
 * For the <code>import</code> action, the name can also be a filter
 * expression. The filter gives access to the following attributes:
 *
 * <ul>
 * <li>signer - A Distinguished Name chain used to sign the exporting
 * bundle. Wildcards in a DN are not matched according to the filter string
 * rules, but according to the rules defined for a DN chain.</li>
 * <li>location - The location of the exporting bundle.</li>
 * <li>id - The bundle ID of the exporting bundle.</li>
 * <li>name - The symbolic name of the exporting bundle.</li>
 * <li>package.name - The name of the requested package.</li>
 * </ul>
 * Filter attribute names are processed in a case sensitive manner.
 *
 * <p>
 * Package Permissions are granted over all possible versions of a package.
 *
 * A bundle that needs to export a package must have the appropriate
 * <code>PackagePermission</code> for that package; similarly, a bundle that
 * needs to import a package must have the appropriate
 * <code>PackagePermission</code> for that package.
 *
 * Permission is granted for both classes and resources.
 *
 * @param name Package name or filter expression. A filter expression can
 * only be specified if the specified action is <code>import</code>.
 * @param actions <code>exportonly</code>, <code>import</code> (canonical
 * order).
 * @throws IllegalArgumentException If the specified name is a filter
 * expression and either the specified action is not
* <code>import</code> or the filter has an invalid syntax.
*/

Found in path(s):
*/
*/
*/
*/
*/
*/
*/
*/

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this property must be a valid file path in the file system to a directory. If the specified directory does not exist then the framework will create the directory. If the specified path exists but is not a directory or if the framework fails to create the storage directory, then framework initialization must fail. The framework is free to use this directory as it sees fit. This area can not be shared with anything else.

If this property is not set, the framework should use a reasonable platform default for the persistent storage area.

@since 1.5

*/

Found in path(s):

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1.2357 utf8proc 2.5.0-1

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1.2358 opencensus-api 0.6.0

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* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/internal/StringUtil.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Duration.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/internal/Provider.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/TraceComponent.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/Scope.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/samplers/ProbabilitySampler.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/CurrentSpanUtils.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/samplers/AlwaysSampleSampler.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Functions.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/config/TraceConfig.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-common/Clock.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus-common/Scope.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/trace/config/Clock.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Clock.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Duration.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Function.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Scope.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-api-0-6-0-sources-jar/io/opencensus/common/Clock.java
* /opt/cola/permits/1003167056_1611198590.37/o/opencensus-common/Scope.java
*/
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The following is a list of people who have contributed ideas, code, bug reports, or in general have helped logstash along its way.

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Note: If you've sent us patches, bug reports, or otherwise contributed to Logstash, and you aren't on the list above and want to be, please let us know and we'll make sure you're here. Contributions from folks like you are what make open source awesome.

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