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jar/org/springframework/aop/target/ThreadLocalTargetSource.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/aspectj/annotation/MetadataAwareAspectInstanceFactory.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
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\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/aspectj/annotation/SingletonMetadataAwareAspectInstanceFactory.java  
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jar/org/springframework/aop/framework/ProxyFactory.java  
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jar/org/springframework/aop/aspectj/annotation/SimpleMetadataAwareAspectInstanceFactory.java  
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jar/org/aopalliance/intercept/ConstructorInterceptor.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/aopalliance/intercept/MethodInvocation.java

\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/aopalliance/aop/Advice.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/aopalliance/intercept/Invocation.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/framework/autoproxy/TargetSourceCreator.java  
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\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/SpringProxy.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/framework/InterceptorAndDynamicMethodMatcher.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/framework/AopInfrastructureBean.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/IntroductionInterceptor.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/framework/AdvisedSupportListener.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/RawTargetAccess.java  
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- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/support/AbstractExpressionPointcut.java
- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/aspectj/annotation/AnnotationAwareAspectJAutoProxyCreator.java
- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/support/DelegatePerTargetObjectIntroductionInterceptor.java
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- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/config/MethodLocatingFactoryBean.java
- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/aspectj/annotation/LazySingletonAspectInstanceFactoryDecorator.java
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- \* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/aspectj/AspectInstanceFactory.java
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jar/org/springframework/aop/framework/AbstractAdvisingBeanPostProcessor.java

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jar/org/springframework/aop/support/DefaultIntroductionAdvisor.java
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\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/aspectj/autoproxy/AspectJPrecedenceComparator.java  
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\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-jar/org/springframework/aop/aspectj/AspectJAfterThrowingAdvice.java  
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\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/framework/adapter/AfterReturningAdviceAdapter.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/config/ScopedProxyBeanDefinitionDecorator.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/framework/AopProxy.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/framework/AopProxyFactory.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/support/StaticMethodMatcherPointcut.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/IntroductionInfo.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/framework/adapter/AdvisorAdapterRegistrationManager.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/AopInvocationException.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-  
jar/org/springframework/aop/framework/adapter/UnknownAdviceTypeException.java  
\* /opt/cola/permits/1249596601\_1644524723.08/0/spring-aop-5-3-13-sources-

```
jar/org/springframework/aop/aspectj/AspectJAopUtils.java
* /opt/cola/permits/1249596601_1644524723.08/0/spring-aop-5-3-13-sources-
jar/org/springframework/aop/target/dynamic/BeanFactoryRefreshableTargetSource.java
* /opt/cola/permits/1249596601_1644524723.08/0/spring-aop-5-3-13-sources-
jar/org/springframework/aop/scope/ScopedObject.java
```

## 1.2 minlog 1.3.0

## 1.3 slf4j 1.7.32

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 */
```

Found in path(s):

```
* /opt/cola/permits/1195818461_1629833729.3/0/jul-to-slf4j-1-7-32-sources-
jar/org/slf4j/bridge/SLF4JBridgeHandler.java
```

# 1.4 tomcat 9.0.62

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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
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- web-app\_4\_0.xsd
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- `javaee_web_services_client_1_3.xsd`
- `jsp_2_2.xsd`
- `web-app_3_0.xsd`
- `web-common_3_0.xsd`
- `web-fragment_3_0.xsd`
- `javaee_7.xsd`
- `javaee_web_services_1_4.xsd`
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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
- javaee\_8.xsd
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# 1.5 hazelcast-client-protocol 1.8.0

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# 1.6 spring-context 5.3.18

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## 1.7 jackson-databind 2.12.5

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## 1.14 spring-web-mvc 5.3.18

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\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/HazelcastClientNotActiveException.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ClientResponseHandlerSupplier.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ListenerMessageCodec.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientDurableExecutorServiceProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/ClientTxnMultiMapProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/impl/querycache/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/EventHandler.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientQueueProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientExceptionFactory.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/util/AddressHelper.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/YamlClientDomConfigProcessor.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
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\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientConditionProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientAtomicLongProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/listener/LazyDistributedObjectEvent.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ListenerInfo.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/ClientExtension.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/LoadBalancer.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ClientTransactionManagerServiceImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/lock/RaftFencedLockProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/console/ClientConsoleApp.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientPNCounterProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/Addresses.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientDomConfigProcessor.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientScheduledFutureProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/TransactionContextProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/XmlClientConfigLocator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/HazelcastClient.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/cp/internal/datastructures/semaphore/RaftSessionAwareSemaphoreProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/map/impl/ClientMapQueryPartitionIterator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/properties/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/atomiclong/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/atomicref/RaftAtomicRefProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/QueryCacheConfigBuilderHelper.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientExecutionService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientRingbufferProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientIdGeneratorProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientAwsConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/AbstractClientInternalCacheProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/YamlClientFailoverDomConfigProcessor.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/ClientTxnSetProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientFailoverDomConfigProcessor.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientReliableTopicProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/statistics/Statistics.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientCardinalityEstimatorProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/HazelcastClientManagedContext.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/HazelcastClientInstanceImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/XmlClientFailoverConfigLocator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ClientQueryCacheEndToEndConstructor.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientSemaphoreProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientAliasedDiscoveryConfigUtils.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientIcmpPingConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/spi/impl/listener/NonSmartClientListenerService.java  
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 jar/com/hazelcast/client/ClientOutOfMemoryHandler.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/config/ClientFailoverConfigSections.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/config/YamlClientFailoverConfigLocator.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
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 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/connection/nio/AuthenticationFuture.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/cache/impl/ClientCachePartitionIterator.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/spi/impl/discovery/DiscoveryAddressProvider.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/spi/impl/ClientProxyFactoryWithContext.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/cp/internal/datastructures/proxy/package-info.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/cp/internal/datastructures/semaphore/package-info.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/config/ClientConfigXmlGenerator.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/cp/internal/datastructures/atomicref/package-info.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/config/ClientFlakeIdGeneratorConfig.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/console/package-info.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/impl/querycache/subscriber/ClientSubscriberContextSupport.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
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 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/config/ClientReliableTopicConfig.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/spi/impl/ClientServiceNotFoundException.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/proxy/ClientScheduledExecutorProxy.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/impl/clientside/ClientDiscoveryService.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
 jar/com/hazelcast/client/spi/impl/DefaultAddressTranslator.java  
 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
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 \* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/util/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/nio/ClientProtocolEncoder.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/session/ClientProxySessionManager.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/ClientConnectionStrategy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientConfigSections.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/QueryCacheYamlConfigBuilderHelper.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/AbstractClientInvocationService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/nio/HeartbeatManager.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/session/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/map/impl/nearcache/invalidation/ClientMapInvalidationMetaDataFetcher.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientNetworkConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/ClientTxnListProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/discovery/HazelcastCloudAddressProvider.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientClasspathXmlConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientTransactionManagerService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/HazelcastClientProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/NearCachedClientCacheProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientTransactionContext.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/CPSubsystemImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientReliableMessageRunner.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/TransactionProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/listener/SmartClientListenerService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/spi/impl/ClientExecutionServiceImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/AbstractClientCacheProxyBase.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/proxy/ClientRaftProxyFactory.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/NonSmartClientInvocationService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientProxyDescriptorProvider.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/HazelcastClientCachingProvider.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ClientUserCodeDeploymentService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ClientInvokerWrapper.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/IExecutorDelegatingFuture.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientLockProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/AbstractQueryCacheConfigBuilderHelper.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/listener/ClientRegistrationKey.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/discovery/HazelcastCloudDiscovery.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientCloudConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/NearCachedClientMapProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientFlakeIdGeneratorProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ClientMembershipListener.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/ClientClusterWideIterator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/lock/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientContext.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientProxyFactory.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/nio/ClientICMPManager.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/listener/ClientEventRegistration.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-



jar/com/hazelcast/client/impl/clientside/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientSecurityConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientTopicProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientClasspathYamlConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ProxyFactoryConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/countdownlatch/RaftCountDownLatchProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientConnectionFactory.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/ClientInvocationFuture.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/xa/XATransactionContextProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientDynamicClusterConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/countdownlatch/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ClientQueryCacheEventService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientClusterService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/impl/DefaultAddressProvider.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientLoggingService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ClientSubscriberContext.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/YamlClientConfigLocator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/LifecycleServiceImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/package-info.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/AbstractClientCacheProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/nio/DefaultCredentialsFactory.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientLockReferenceIdGenerator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-

jar/com/hazelcast/client/spi/impl/discovery/HazelcastCloudAddressTranslator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/util/RoundRobinLB.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientPartitionService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientUserCodeDeploymentConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/UndefinedErrorCodeException.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/nio/DefaultClientConnectionStrategy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/AddressTranslator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/YamlClientConfigBuilder.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/txn/ClientTxnMapProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/FailoverClientConfigSupport.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/connection/ClientConnectionManager.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/OneShotExecutionCallback.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/DefaultClientExtension.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/clientside/ClientDiscoveryServiceBuilder.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cp/internal/datastructures/semaphore/RaftSessionlessSemaphoreProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/proxy/ClientListProxy.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/config/ClientFailoverClasspathYamlConfig.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/cache/impl/ClientCacheStatisticsImpl.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/impl/querycache/subscriber/ClientQueryCacheConfigurator.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/spi/ClientInvocationService.java  
\* /opt/cola/permits/1260387327\_1643174654.72/0/hazelcast-client-3-12-7-sources-  
jar/com/hazelcast/client/util/AbstractLoadBalancer.java

## 1.28 jul-to-slf4j 1.7.36

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 */
```

Found in path(s):

```
* /opt/cola/permits/1281455938_1646319090.87/0/jul-to-slf4j-1-7-36-sources-
jar/org/slf4j/bridge/SLF4JBridgeHandler.java
```

## 1.29 ecj 22

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## 1.30 hazelcast-gcp 1.1.1

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# 1.31 jackson 2.9.7

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## 1.39 kryo 4.0.0

## 1.40 hazelcast-hibernate5 1.3.2

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- \* /opt/cola/permits/1260372173\_1643171938.92/0/hazelcast-hibernate5-1-3-2-sources-jar/com/hazelcast/hibernate/region/HazelcastEntityRegion.java
- \* /opt/cola/permits/1260372173\_1643171938.92/0/hazelcast-hibernate5-1-3-2-sources-jar/com/hazelcast/hibernate/CacheEnvironment.java
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- \* /opt/cola/permits/1260372173\_1643171938.92/0/hazelcast-hibernate5-1-3-2-sources-jar/com/hazelcast/hibernate/region/package-info.java
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- \* /opt/cola/permits/1260372173\_1643171938.92/0/hazelcast-hibernate5-1-3-2-sources-jar/com/hazelcast/hibernate/AbstractHazelcastCacheRegionFactory.java
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jar/com/hazelcast/hibernate/serialization/package-info.java
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*/
// the lock was released under heavy load or after network partitions. Hence this implementation now uses

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* /opt/cola/permits/1260372173_1643171938.92/0/hazelcast-hibernate5-1-3-2-sources-
jar/com/hazelcast/hibernate/distributed/IMapRegionCache.java

```

## 1.41 jakarta-annotation-api 1.3.5



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## 1.44 sqlparse 0.2.4

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* /opt/cola/permits/1183834240_1627488405.61/0/asm-9-2-sources-
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jar/org/objectweb/asm/signature/SignatureWriter.java
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## 1.46 jackson 2.12.5

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com.hazelcast.kubernetes.HazelcastKubernetesDiscoveryStrategyFactory

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The packages:

com.hazelcast.util.collection  
com.hazelcast.internal.util.concurrent

and the classes:

com.hazelcast.util.QuickMath  
com.hazelcast.client.impl.protocol.util.UnsafeBuffer  
com.hazelcast.client.impl.protocol.util.BufferBuilder

contain code originating from the Agrona project  
(<https://github.com/real-logic/Agrona>).

The class com.hazelcast.util.HashUtil contains code originating  
from the Koloboke project (<https://github.com/OpenHFT/Koloboke>).

The class classloading.ThreadLocalLeakTestUtils contains code originating  
from the Tomcat project (<https://github.com/apache/tomcat>).

com.hazelcast.internal.cluster.fd.PhiAccrualFailureDetector contains code originating  
from the Akka project (<https://github.com/akka/akka/>).

The package com.hazelcast.internal.json contains code originating  
from minimal-json project (<https://github.com/ralfstx/minimal-json>).

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## 1.53 servlet-api 4.0

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- \* /opt/cola/permits/1027454137\_1613783247.13/0/servlet-api-4-0-0-sources-2-jar/org/xipki/http/servlet/ServletURI.java
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# 1.54 jackson-datatype-jsr310 2.12.6

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- web-app\_3\_0.xsd
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- web-common\_3\_1.xsd
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- web-common\_3\_0.xsd
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- javaee\_web\_services\_1\_4.xsd

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# 1.57 tomcat-embed-el 9.0.60

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## 1.58 tre 0.8.0

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tre-python.c - TRE Python language bindings

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Metadata-Version: 1.0

Name: tre

Version: 0.8.0

Summary: Python module for TRE

Home-page: <http://laurikari.net/tre/>

Author: Ville Laurikari

Author-email: [ville@laurikari.net](mailto:ville@laurikari.net)

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Description: UNKNOWN

Platform: UNKNOWN

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# 1.61 tomcat-embed-websocket 9.0.60

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