- Package: com.esotericsoftware.kryo

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 2 Ce: 1

A: 0 I: 0.33 D: 0.67

Abstract Classes:

 $Concrete\ Classes:\ com. esoterics of tware. kryo. Kryo Exception$

Depends Upon: java.lang

Used By: com.esotericsoftware.kryo.io org.gradle.internal.serialize.kryo

- Package: com.esotericsoftware.kryo.io

Stats: Total Classes: 2 Concrete Classes: 2 Abstract Classes: 0

Ca: 1 Ce: 3

A: 0 I: 0.75 D: 0.25

Abstract Classes:

 $Concrete\ Classes:\ com. esoterics of tware. kryo. io. Input\ com. esoterics of tware. kryo. io. Output$

Depends Upon: com.esotericsoftware.kryo java.io java.lang

Used By: org.gradle.internal.serialize.kryo

- Package: com.google.api.client.auth.oauth2

	Package:	com.google.a	pi.client.	extensions.	iava6.auth	oauth2
•	i ackage.	coming ought.a	promore of	CVICIISIOIIS	javao.auun	·oauunz

No stats available: package referenced, but not analyzed.

- Package: ${\it com.google.api.client.extensions.jetty.auth.oauth 2} \\$

No stats available: package referenced, but not analyzed.

• Package: com.google.api.client.googleapis.auth.oauth2

No stats available: package referenced, but not analyzed.

- Package: com.google.api.client.googleapis.javanet

No stats available: package referenced, but not analyzed.

• Package: com.google.api.client.googleapis.json

No stats available: package referenced, but not analyzed.

- Package: com.google.api.client.http

No stats available: package referenced, but not analyzed.

• Package: com.google.api.client.json

No stats available: package referenced, but not analyzed.

- Package: com.google.api.client.json.jackson2

• Package: com.google.api.client.util

No stats available: package referenced, but not analyzed.

- Package: com.google.api.client.util.store

No stats available: package referenced, but not analyzed.

• Package: com.google.api.services.calendar

No stats available: package referenced, but not analyzed.

 $\hbox{- Package: com.google.api.services.calendar.model}\\$

No stats available: package referenced, but not analyzed.

• Package: com.google.api.services.gmail

No stats available: package referenced, but not analyzed.

- Package: com.google.api.services.gmail.model

No stats available: package referenced, but not analyzed.

• Package: com.google.api.services.script

No stats available: package referenced, but not analyzed.

- Package: com.google.api.services.script.model

• Package: com.google.common.base

Stats: Total Classes: 10 Concrete Classes: 7 Abstract Classes: 3

Ce: 3
A: 0.3
I: 0.43
D: 0.27

Ca: 4

 $Abstract\ Classes:\ com.google.common.base. Equivalence\ com.google.common.base. Predicate\ com.google.common.base. Ticker$

 $\label{lem:comgoogle.common.base.equivalence} Concrete Classes: com.google.common.base. Equivalence Equivalence Equivalence Com.google.common.base. Equivalence Com.google.common.base. Objects com.google.common.base. Pairwise Equivalence com.google.common.base. Preconditions com.google.common.base. Ticker \1

Depends Upon: java.io java.lang java.util

Used By: com.google.common.collect org.gradle.internal.reflect org.gradle.messaging.dispatch org.gradle.messaging.remote.internal.inet

- Package: com.google.common.collect

Stats: Total Classes: 41 Concrete Classes: 31 Abstract Classes: 10

Ca: 4 Ce: 11 A: 0.24

I: 0.73 D: 0.02

 $Abstract\ Classes:\ com.google.common.collect.ImmutableAsList\ com.google.common.collect.ImmutableCollection\ com.google.common.collect.ImmutableList\ com.google.common.collect.ImmutableSet\ com.google.common.collect.MapMakerRemovalListenercom.google.common.collect.MapMakerInternalMapReferenceEntrycom.google.common.collect.MapMakerInternalMapReferenceEntrycom.google.common.collect.MapMakerInternalMapSValueReference$

 $\label{lem:concrete} Concrete Classes: com.google.common.collect.ComputingConcurrentHashMap \\ com.google.common.collect.EmptyImmutableSet com.google.common.collect.GenericMapMakerNullListenercorcom.google.common.collect.MapMakerNullComputingConcurrentMapcom.google.common.collect.MapMakerInternalMap com.google.common.collect.MapMakerInternalMap som.google.common.collect.MapMakerInternalMap som.google.common.collect.MapMakerInternal$

com.google.common.collect. MapMakerInternal Map2com.google.common.collect. MapMakerInternal MapEntry com.google.common.collect. MapMakerInternal MapExpirationQueuecom.google.common.collect. MapMakerInternal Map\$Strength1com.google.common.collect. MapMakerInternal Com.google.common.collect. MapMakerInternal Map\$WeakValueReference com.google.common.collect. ObjectArrays com.google.common.collect. RegularImmutableAsList com.google.common.collect. RegularImmutableSet com.google.common.collect. SingletonImmutableSet com.goog

Depends Upon: com.google.common.base com.google.common.primitives java.io java.lang java.lang.ref java.lang.reflect java.util java.util.concurrent java.util.concurrent.atomic java.util.concurrent.locks java.util.logging

Used By: org.gradle.internal org.gradle.internal.classloader org.gradle.internal.serialize org.gradle.messaging.remote.internal.inet

- Package: com.google.common.primitives

No stats available: package referenced, but not analyzed.

• Package: com.google.maps

No stats available: package referenced, but not analyzed.

- Package: com.google.maps.model

No stats available: package referenced, but not analyzed.

• Package: com.vladium.emma.rt

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 0 Ce: 3

A: 0 I: 1 D: 0

Abstract Classes:

Concrete Classes: com.vladium.emma.rt.RT

Depends Upon: java.io java.lang org.jacoco.agent.rt

Used By: Not used by any packages.

- Package: edu.allegheny.vanschedule

Stats: Total Classes: 21 Concrete Classes: 21 Abstract Classes: 0

Ca: 1 Ce: 5

A: 0 I: 0.83 D: 0.17

Abstract Classes:

Concrete Classes: edu.allegheny.vanschedule.CodysScheduler edu.allegheny.vanschedule.Place edu.allegheny.vanschedule.Request edu.allegheny.vanschedule.Route edu.allegheny.vanschedule.Stop edu.allegheny.vanschedule.StopRequest edu.allegheny.vanschedule.TestCodysScheduler edu.allegheny.vanschedule.TestPlace edu.allegheny.vanschedule.TestRequest edu.allegheny.vanschedule.TestRoute edu.allegheny.vanschedule.TestScheduler edu.allegheny.vanschedule.TestStop edu.allegheny.vanschedule.TestStop edu.allegheny.vanschedule.TestTrip edu.allegheny.vanschedule.TestTrip2 edu.allegheny.vanschedule.TestVanSchedule edu.allegheny.vanschedule.Time edu.allegheny.vanschedule.Trip edu.allegheny.vanschedule.Trip2

Depends Upon: edu.allegheny.vanschedule.frontend java.io java.lang java.util org.junit

Used By: edu.allegheny.vanschedule.frontend

- Package: edu.allegheny.vanschedule.frontend

Stats: Total Classes: 10 Concrete Classes: 10 Abstract Classes: 0

Ca: 1 Ce: 26

A: 0 I: 0.96 D: 0.04

Abstract Classes:

Concrete Classes: edu.allegheny.vanschedule.frontend.AppsScriptApi
edu.allegheny.vanschedule.frontend.AppsScriptApi\$1 edu.allegheny.vanschedule.frontend.CreateCalendarEvents
edu.allegheny.vanschedule.frontend.DailyRequestMaker edu.allegheny.vanschedule.frontend.DailyRequests
edu.allegheny.vanschedule.frontend.GetMonday edu.allegheny.vanschedule.frontend.GmailAPI
edu.allegheny.vanschedule.frontend.GoogleCalendar edu.allegheny.vanschedule.frontend.GoogleMaps
edu.allegheny.vanschedule.frontend.TripGrouping

Depends Upon: com.google.api.client.auth.oauth2 com.google.api.client.extensions.java6.auth.oauth2 com.google.api.client.extensions.jetty.auth.oauth2 com.google.api.client.googleapis.auth.oauth2 com.google.api.client.googleapis.javanet com.google.api.client.googleapis.json com.google.api.client.http com.google.api.client.json com.google.api.client.json.jackson2 com.google.api.client.util com.google.api.client.util.store com.google.api.services.calendar com.google.api.services.calendar.model com.google.api.services.gmail com.google.api.services.gmail.model com.google.api.services.script com.google.api.services.script.model com.google.maps com.google.maps.model edu.allegheny.vanschedule java.io java.lang java.text java.util javax.mail.internet

Used By: edu.allegheny.vanschedule

- Package: jarjar.org.gradle.process.internal.child

No stats available: package referenced, but not analyzed.

• Package: jarjar.org.gradle.process.internal.launcher

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 0 Ce: 7

A: 0 I: 1 D: 0

Abstract Classes:

Concrete Classes: jarjar.org.gradle.process.internal.launcher.GradleWorkerMain

Depends Upon: jarjar.org.gradle.process.internal.child java.io java.lang java.lang.reflect java.net java.util.java.util.concurrent

Used By: Not used by any packages.

- Package: java.io

No stats available: package referenced, but not analyzed.

• Package: java.lang

No stats available: package referenced, but not analyzed.

- Package: java.lang.annotation

No stats available: package referenced, but not analyzed.

• Package: java.lang.instrument

No stats available: package referenced, but not analyzed.

- Package: java.lang.management

No stats available: package referenced, but not analyzed.

• Package: java.lang.ref

No stats available: package referenced, but not analyzed.

- Package: java.lang.reflect

No stats available: package referenced, but not analyzed.

· Package: java.net

- Package: java.nio

No stats available: package referenced, but not analyzed.

• Package: java.nio.channels

No stats available: package referenced, but not analyzed.

- Package: java.security

No stats available: package referenced, but not analyzed.

• Package: java.text

No stats available: package referenced, but not analyzed.

- Package: java.util

No stats available: package referenced, but not analyzed.

· Package: java.util.concurrent

No stats available: package referenced, but not analyzed.

- Package: java.util.concurrent.atomic

No stats available: package referenced, but not analyzed.

• Package: java.util.concurrent.locks

- Package: java.util.jar

No stats available: package referenced, but not analyzed.

• Package: java.util.logging

No stats available: package referenced, but not analyzed.

- Package: java.util.regex

No stats available: package referenced, but not analyzed.

• Package: java.util.zip

No stats available: package referenced, but not analyzed.

- Package: javax.mail

No stats available: package referenced, but not analyzed.

• Package: javax.mail.internet

No stats available: package referenced, but not analyzed.

- Package: javax.management

No stats available: package referenced, but not analyzed.

• Package: junit.extensions

No stats available: package referenced, but not analyzed.

- Package: junit.framework

Stats: Total Classes: 3 Concrete Classes: 1 Abstract Classes: 2

Ca: 2 Ce: 2

A: 0.67 I: 0.5 D: 0.17

Abstract Classes: junit.framework.Test junit.framework.TestCase

Concrete Classes: junit.framework.Assert Depends Upon: java.lang java.lang.reflect

Used By: org.junit.internal.builders org.junit.internal.runners

- Package: net.rubygrapefruit.platform

Stats: Total Classes: 9 Concrete Classes: 3 Abstract Classes: 6

Ca: 3 Ce: 5

A: 0.67 I: 0.62 D: 0.29

 $Abstract\ Classes:\ net. rubygrape fruit. platform. Native Integration\ net. rubygrape fruit. platform. PosixFiles\ net. rubygrape fruit. platform. Process\ net. rubygrape fruit. platform. Process\ Launcher\ net. rubygrape fruit. platform. System Info\ net. rubygrape fruit. platform. Windows\ Registry$

 $Concrete\ Classes:\ net. ruby grape fruit. platform. Native\ net. ruby grape fruit. platform. Native\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Exception\ net. ruby grape fruit. platform. Native\ Integration\ Unavailable\ Unava$

Depends Upon: java.io java.lang java.util net.rubygrapefruit.platform.internal net.rubygrapefruit.platform.internal.jni

 $\label{thm:condition} Used \ By: \ net. ruby grape fruit. platform. internal \ org. gradle. internal. native integration. file system. services \ org. gradle. internal. native integration. services$

 $-\ {\bf Package:}\ {\bf net.rubygrape fruit.plat form.internal}$

Stats: Total Classes: 17 Concrete Classes: 12 Abstract Classes: 5

Ca: 3 Ce: 7

A: 0.29 I: 0.7 D: 0.01

 $Abstract\ Classes:\ net. ruby grape fruit. platform. internal. Platform\ net. ruby grape fruit. platform. internal. Platform\ Unix net. ruby grape fruit. platform\ internal. Platform\ Windows$

Concrete Classes: net.rubygrapefruit.platform.internal.Library Def net.rubygrapefruit.platform.internal.NativeLibrary Locator net.rubygrapefruit.platform.internal.PlatformFreeBS net.rubygrapefruit.platform.internal.PlatformLinux32Bitnet.rubygrapefruit.platform.internal.PlatformLinux32Bitnet.rubygrapefruit.platform.internal.PlatformOsX32Bitnet.rubygrapefruit.platform.internal.PlatformOsX6 net.rubygrapefruit.platform.internal.PlatformUnsupportednet.rubygrapefruit.platform.internal.PlatformWinternal.PlatformSWindow64Bit

Depends Upon: java.io java.lang java.net java.nio.channels java.util net.rubygrapefruit.platform net.rubygrapefruit.platform.internal.jni

Used By: net.rubygrapefruit.platform net.rubygrapefruit.platform.internal.jni org.gradle.internal.nativeintegration.services

- Package: net.rubygrapefruit.platform.internal.jni

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 2 Ce: 2

A: 0 I: 0.5 D: 0.5

Abstract Classes:

Concrete Classes: net.rubygrapefruit.platform.internal.jni.NativeLibraryFunctions

Depends Upon: java.lang net.rubygrapefruit.platform.internal

Used By: net.rubygrapefruit.platform net.rubygrapefruit.platform.internal

- Package: org.apache.commons.lang

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 3

A: 0 I: 0.75 D: 0.25

Abstract Classes:

Concrete Classes: org.apache.commons.lang.StringUtils

Depends Upon: java.lang java.util org.apache.commons.lang.text

Used By: org.gradle.api.internal.tasks.testing

- Package: org.apache.commons.lang.text

No stats available: package referenced, but not analyzed.

• Package: org.fusesource.jansi

No stats available: package referenced, but not analyzed.

- Package: org.gradle.api

Stats: Total Classes: 4 Concrete Classes: 2 Abstract Classes: 2

Ca: 15 Ce: 1

A: 0.5 I: 0.06 D: 0.44

Abstract Classes: org.gradle.api.Action org.gradle.api.Transformer

 $Concrete\ Classes:\ org.gradle.api. Gradle Exception\ org.gradle.api. Unchecked IOException$

Depends Upon: java.lang

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.worker org.gradle.internal org.gradle.internal.event org.gradle.internal.exceptions org.gradle.internal.jvm org.gradle.internal.nativeintegration.filesystem.services

org.gradle.internal.reflect org.gradle.internal.service org.gradle.logging.internal org.gradle.messaging.remote org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.inet org.gradle.process.internal.child

- Package: org.gradle.api.internal.tasks.testing

Stats: Total Classes: 16 Concrete Classes: 10 Abstract Classes: 6

Ca: 4 Ce: 11

A: 0.38 I: 0.73 D: 0.11

Abstract Classes: org.gradle.api.internal.tasks.testing.AbstractTestDescriptor org.gradle.api.internal.tasks.testing.TestClassProcessor org.gradle.api.internal.tasks.testing.TestClassRunInfo org.gradle.api.internal.tasks.testing.TestDescriptorInternal org.gradle.api.internal.tasks.testing.TestResultProcessorg.gradle.api.internal.tasks.testing.WorkerTestClassProcessorFactory

 $Concrete \ Classes: \ org. gradle. api. internal. tasks. testing. Default Test Class Descriptor \ org. gradle. api. internal. tasks. testing. Default Test Class Run Info \ org. gradle. api. internal. tasks. testing. Default Test Descriptor \ org. gradle. api. internal. tasks. testing. Default Test Method Descriptor \ org. gradle. api. internal. tasks. testing. Default Test Suite Descriptor \ org. gradle. api. internal. tasks. testing. Suite Test Class \ org. gradle. api. internal. tasks. testing. Test Complete Event \ org. gradle. api. internal. tasks. testing. Test Suite Execution Exception$

Depends Upon: java.io java.lang org.apache.commons.lang org.gradle.api org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.processors org.gradle.api.internal.tasks.testing.results org.gradle.api.tasks.testing org.gradle.internal.org.gradle.internal.service

 $\label{thm:constraint} Used\ By:\ org.gradle.api.internal.tasks.testing.processors\ org.gradle.api.internal.tasks.testing.processors\ org.gradle.api.internal.tasks.testing.worker$

 $-\ Package:\ org.gradle.api.internal.tasks.testing.junit$

Stats: Total Classes: 8 Concrete Classes: 7 Abstract Classes: 1

Ca: 1 Ce: 20

A: 0.12 I: 0.95 D: 0.08

Abstract Classes: org.gradle.api.internal.tasks.testing.junit.TestClassExecutionListener

Concrete Classes: org.gradle.api.internal.tasks.testing.junit.JULRedirector org.gradle.api.internal.tasks.testing.junit.JUnitTestClassExe org.gradle.api.internal.tasks.testing.junit.JUnitTestClassProcessor org.gradle.api.internal.tasks.testing.junit.JUnitTestClassProcessor org.gradle.api.internal.tasks.testing.junit.JUnitTestFramework\$TestClassProcessorFactoryImpl org.gradle.api.internal.tasks.testing.junit.TestClassExecutionEventGenerator

Depends Upon: java.io java.lang java.util java.util.logging java.util.regex org.gradle.api.internal.tasks.testing org.gradle.api.internal.tasks.testing.processors org.gradle.api.internal.tasks.testing.results org.gradle.api.tasks.testing org.gradle.internal org.gradle.internal.concurrent org.gradle.internal.id org.gradle.internal.service org.gradle.logging org.gradle.messaging.actor org.gradle.util org.junit.runner org.junit.runner.manipulation org.junit.runner.notification org.slf4j

Used By: org.gradle.api.internal.tasks.testing

- Package: org.gradle.api.internal.tasks.testing.processors

Stats: Total Classes: 7 Concrete Classes: 6 Abstract Classes: 1

Ca: 2 Ce: 10

A: 0.14 I: 0.83 D: 0.02

Abstract Classes: org.gradle.api.internal.tasks.testing.processors.StandardOutputRedirector

 $Concrete \ Classes: \ org. gradle. api. internal. tasks. testing. processors. Capture TestOutput TestResult Processor org. gradle. api. internal. tasks. testing. processors. Default Standard Output Redirector org. gradle. api. internal. tasks. testing. processors. Default Standard Output Redirector Discard Actionorg. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. internal. tasks. testing. processors. TestOutput Redirector org. gradle. api. tasks. testing. processors. TestOutput Redirector org. gradle. api. tasks.$

Depends Upon: java.io java.lang java.util java.util.concurrent org.gradle.api.internal.tasks.testing org.gradle.api.logging org.gradle.api.tasks.testing org.gradle.internal.io org.gradle.logging org.gradle.util

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.junit

- Package: org.gradle.api.internal.tasks.testing.results

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 2 Ce: 3

A: 0 I: 0.6 D: 0.4

Abstract Classes:

 $Concrete\ Classes:\ org.gradle.api.internal.tasks.testing.results. Attach Parent Test Result Processor Parent Test Parent Test Result Processor Parent Test Parent Tes$

Depends Upon: java.lang org.gradle.api.internal.tasks.testing org.gradle.api.tasks.testing

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.junit

- Package: org.gradle.api.internal.tasks.testing.worker

Stats: Total Classes: 17 Concrete Classes: 16 Abstract Classes: 1

Ca: 0 Ce: 17

A: 0.06 I: 1 D: 0.06

 $Abstract\ Classes:\ org.gradle.api.internal.tasks.testing.worker.RemoteTestClassProcessor$

 $\label{lem:concrete} Concrete Classes: org. gradle.api.internal.tasks.testing.worker. Test Event Serializer Default Test Class Descriptor Serializer org. gradle.api.internal.tasks.testing.worker. Test Event Serializer Default Test Descriptor Serializer org. gradle.api. org. gradle.api.internal.tasks.testing.worker. Test Event Serializer Default Test Output Event Serializer org. gradle.api. org. gradle.api. internal.tasks.testing.worker. Test Event Serializer IdSerializer org. gradle.api. internal.tasks.testing.worker. Test Event Serializer Test Complete Event Serializer org. gradle.api. internal.tasks.testing.worker. Test Event Serializer Worker Test Suite Descriptor Serializer org. gradle.api. internal.tasks.testing.worker. Worker Test Class Processor org. gradle.api. internal.tasks.testing.worker. Worker Test Class Processor $Worker Test Suite Descriptor org. gradle.api. internal.tasks.testing.worker. Worker Test Class Processor $Worker Test Suite Descriptor org. gradle.api. internal.tasks.testing.worker. Worker Test Class Processor $Worker Test Suite Descriptor org. gradle.api. internal.tasks.testing.worker. Worker Test Class Processor $Worker Test Suite Descriptor org. gradle.api. gradle.api. internal.tasks.testing. worker. Worker Test Class Processor $Worker Test Suite Descriptor org. gradle.api. g$

Depends Upon: java.io java.lang java.util.concurrent org.gradle.api org.gradle.api.internal.tasks.testing org.gradle.api.tasks.testing org.gradle.internal org.gradle.internal.concurrent org.gradle.internal.id org.gradle.internal.serialize org.gradle.internal.service org.gradle.messaging.actor org.gradle.messaging.actor.internal org.gradle.messaging.dispatch org.gradle.messaging.remote org.gradle.process.internal org.slf4j

Used By: Not used by any packages.

- Package: org.gradle.api.logging

Stats: Total Classes: 5 Concrete Classes: 1 Abstract Classes: 4

Ca: 5 Ce: 2

A: 0.8 I: 0.29 D: 0.09

 $Abstract\ Classes:\ org.gradle.api.logging.Logging.Logging.Logging.Logging.Logging.Logging.Logging.Logging.Logging.Logging.StandardOutputListener$

Concrete Classes: org.gradle.api.logging.LogLevel

Depends Upon: java.lang org.slf4j

Used By: org.gradle.api.internal.tasks.testing.processors org.gradle.logging org.gradle.logging.internal.org.gradle.logging.internal.slf4j org.gradle.process.internal.child

- Package: org.gradle.api.specs

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 3 Ce: 1

A: 1 I: 0.25 D: 0.25

Abstract Classes: org.gradle.api.specs.Spec

Concrete Classes:

Depends Upon: java.lang

Used By: org.gradle.internal org.gradle.internal.reflect org.gradle.internal.service

- Package: org.gradle.api.tasks.testing

Stats: Total Classes: 4 Concrete Classes: 2 Abstract Classes: 2

Ca: 5 Ce: 1

A: 0.5 I: 0.17 D: 0.33

 $Abstract\ Classes:\ org.gradle.api.tasks.testing. Test Descriptor\ org.gradle.api.tasks.testing. Test Output Event$

 ${\tt Concrete\ Classes:\ org.gradle.api.tasks.testing. TestOutput Event} \ Destination org.gradle.api.tasks.testing. TestOutput Event Destination org.gradle.api.tasks.testing.TestOutput Event Destination org.gradle.api.tasks.testing.testInterval org.gradle.api.tasks.testing.testInterval org.gradle.api.tasks.testing.testInterval org.gradle.api.tasks.testing.testInterval org.gradle.api.tasks.testing.testInterval org.gradle.api.tasks.testing.testi$

Depends Upon: java.lang

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.processors org.gradle.api.internal.tasks.testing.results org.gradle.api.internal.tasks.testing.worker

- Package: org.gradle.cli

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 1 Ce: 1

A: 1 I: 0.5 D: 0.5

 $Abstract\ Classes:\ org.gradle.cli.CommandLineConverter$

Concrete Classes:

Depends Upon: java.lang Used By: org.gradle.logging

- Package: org.gradle.internal

Stats: Total Classes: 7 Concrete Classes: 4 Abstract Classes: 3

Ca: 20 Ce: 8 A: 0.43 I: 0.29 D: 0.29

Abstract Classes: org.gradle.internal.Actions org.gradle.internal.Factory org.gradle.internal.TimeProvider

 $Concrete\ Classes:\ org.gradle.internal. Actions \$Null Action\ org.gradle.internal. System Properties\ org.gradle.internal. True Time Provider\ org.gradle.internal. Unchecked Exception$

Depends Upon: com.google.common.collect java.io java.lang java.lang.reflect java.util java.util.concurrent.locks org.gradle.api org.gradle.api.specs

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.worker org.gradle.internal.concurrent org.gradle.internal.event org.gradle.internal.jvm org.gradle.internal.nativeintegration.filesystem.services org.gradle.internal.nativeintegration.services org.gradle.internal.reflect org.gradle.internal.service org.gradle.logging org.gradle.logging.internal org.gradle.logging.internal.slf4j org.gradle.messaging.dispatch org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub.queue org.gradle.messaging.remote.internal.inet org.gradle.process.internal.child org.gradle.util org.slf4j.impl

- Package: org.gradle.internal.classloader

Stats: Total Classes: 10 Concrete Classes: 8 Abstract Classes: 2

Ca: 1 Ce: 9

A: 0.2 I: 0.9 D: 0.1

Abstract Classes: org.gradle.internal.classloader.ClassLoaderHierarchy org.gradle.internal.classloader.ClassLoaderSpec

 $\label{local-constraint} Concrete & Classes: & org.gradle.internal.classloader. Caching Class Loader Specorg.gradle.internal.classloader. Filtering Class Loader Specorg.gradle.internal.classloader. Filtering Class Loader Specorg.gradle.internal.classloader. MultiParent Class Loader Specorg.gradle.internal.classloader. MultiParent Class Loader Specorg.gradle.internal.classloader. Filtering Class Loader Specorg.gradle.inte$

Depends Upon: com.google.common.collect java.io java.lang java.net java.util java.util.concurrent org.gradle.internal.classpath org.gradle.internal.reflect org.gradle.util

Used By: org.gradle.process.internal.child

- Package: org.gradle.internal.classpath

No stats available: package referenced, but not analyzed.

• Package: org.gradle.internal.concurrent

Stats: Total Classes: 15 Concrete Classes: 9 Abstract Classes: 6

Ca: 11 Ce: 7

A: 0.4 I: 0.39 D: 0.21

Abstract Classes: org.gradle.internal.concurrent.AsyncStoppable org.gradle.internal.concurrent.ExecutorFactory org.gradle.internal.concurrent.ExecutorPolicy org.gradle.internal.concurrent.Stoppable org.gradle.internal.concurrent.StoppableExecutor org.gradle.internal.concurrent.ThreadSafe

 $\label{lem:concurrent} Concrete & Classes: or g. gradle. internal. concurrent. Composite Stoppable or g. gradle. internal. concurrent. Composite Stoppable $1 or g. gradle. internal. concurrent. Composite Stoppable $2 or g. gradle. internal. concurrent. Executor Policy $Catch And Record Failures or g. gradle. internal. concurrent. Stoppable Executor Impl $1 or g. gradle. internal. concurrent. Thread Factory Impl $1 or g. gradle. internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent. Thread Factory Impl $1 or g. gradle. Internal. Concurrent $1 or g. g$

Depends Upon: java.io java.lang java.util.concurrent java.util.concurrent.atomic org.gradle.internal org.slf4j

 $\label{thm:constraint} Used \ By: \ org. gradle. api. internal. tasks. testing org. gradle. api. internal. tasks. testing. junit org. gradle. api. internal. tasks. testing. worker org. gradle. internal. service org. gradle. logging. internal org. gradle. messaging. actor org. gradle. messaging. actor. internal org. gradle. messaging. remote org. gradle. messaging. remote. internal org. gradle. messaging. remote. internal. hub org. gradle. messaging. remote. internal. in$

- Package: org.gradle.internal.event

Stats: Total Classes: 4 Concrete Classes: 3 Abstract Classes: 1

Ca: 1 Ce: 7

A: 0.25 I: 0.88

D: 0.12

Abstract Classes: org.gradle.internal.event.AbstractBroadcastDispatch

 $Concrete\ Classes:\ org.gradle.internal.event. Broadcast Dispatch\ org.gradle.internal.event. Listener Broadcast\ org.gradle.internal.event. Listener Notification Exception$

 $\label{thm:policy} \begin{tabular}{ll} Depends~Upon:~java.lang~java.lang.reflect~java.util~org.gradle.api~org.gradle.internal~org.gradle.internal~exceptions~org.gradle.messaging.dispatch \end{tabular}$

Used By: org.gradle.logging.internal

- Package: org.gradle.internal.exceptions

Stats: Total Classes: 2 Concrete Classes: 1 Abstract Classes: 1

Ca: 1 Ce: 5

A: 0.5 I: 0.83 D: 0.33

Abstract Classes: org.gradle.internal.exceptions.MultiCauseException

 $Concrete\ Classes:\ org.gradle.internal.exceptions. Default Multi Cause Exception$

Depends Upon: java.io java.lang java.util java.util.concurrent org.gradle.api

Used By: org.gradle.internal.event

- Package: org.gradle.internal.id $\,$

Stats: Total Classes: 5 Concrete Classes: 4 Abstract Classes: 1

Ca: 3 Ce: 4

A: 0.2 I: 0.57 D: 0.23

Abstract Classes: org.gradle.internal.id.IdGenerator

 $Concrete\ Classes:\ org. gradle. internal. id. Composite IdGenerator\ org. gradle. internal. id. Composite IdGenerator\ SConcrete\ Classes:\ org. gradle. internal. id. Long IdGenerator\ org. gradle. internal. id. UUIDGenerator\ org. gradle. internal. id. uvil by the concrete Classes:\ org. gradle. internal. id. by the concrete Classes:\ org. grad$

Depends Upon: java.io java.lang java.util java.util.concurrent.atomic

Used By: org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.worker org.gradle.messaging.remote.internal

 $\hbox{- Package: org.gradle.internal.io}\\$

Stats: Total Classes: 2 Concrete Classes: 1 Abstract Classes: 1

Ca: 6 Ce: 2

A: 0.5 I: 0.25 D: 0.25

Abstract Classes: org.gradle.internal.io.TextStream

 $Concrete\ Classes:\ org.gradle.internal.io. Class Loader Object Input Stream$

Depends Upon: java.io java.lang

Used By: org.gradle.api.internal.tasks.testing.processors org.gradle.internal.serialize org.gradle.logging.internal org.gradle.messaging.remote.internal org.gradle.process.internal.child org.gradle.util

- Package: org.gradle.internal.jvm $\,$

Stats: Total Classes: 2 Concrete Classes: 1 Abstract Classes: 1

Ca: 1 Ce: 8

A: 0.5 I: 0.89 D: 0.39

Abstract Classes: org.gradle.internal.jvm.JavaInfo

 $Concrete\ Classes:\ org.gradle.internal.jvm.Jvm$

Depends Upon: java.io java.lang java.util java.util.concurrent.atomic

org.gradle.api org.gradle.internal org.gradle.internal.os org.slf4j

Used By: org.gradle.internal.nativeintegration.services

- Package: org.gradle.internal.nativeintegration

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 1 Ce: 3

A: 1 I: 0.75 D: 0.75

 $Abstract\ Classes:\ org.gradle.internal.native integration. Process Environment$

Concrete Classes:

Depends Upon: java.io java.lang java.util

 $\begin{tabular}{ll} Used By: org.gradle.internal.native integration.services \\ \end{tabular}$

 $-\ {\it Package:}\ {\it org.gradle.internal.native} integration.console$

Stats: Total Classes: 2 Concrete Classes: 0 Abstract Classes: 2

Ca: 2 Ce: 1

A: 1 I: 0.33 D: 0.33

 $Abstract\ Classes:\ org.gradle.internal.native integration.console. Console Detector\ org.gradle.internal.native integration.console. Console Meta Data$

Concrete Classes:

Depends Upon: java.lang

Used By: org.gradle.internal.nativeintegration.services org.gradle.logging.internal

 $-\ Package:\ org.gradle.internal.native integration.file system$

Stats: Total Classes: 7 Concrete Classes: 0 Abstract Classes: 7

Ca: 2 Ce: 2

A: 1 I: 0.5 D: 0.5

Abstract Classes: org.gradle.internal.nativeintegration.filesystem.Chmod org.gradle.internal.nativeintegration.filesystem.FileCanonicalizer org.gradle.internal.nativeintegration.filesystem.FileModeMutator org.gradle.internal.nativeintegration.filesystem.org.gradle.internal.nativeintegration.filesystem.Stat org.gradle.internal.nativeintegration.filesystem.Symlink

Concrete Classes:

Depends Upon: java.io java.lang

Used By: org.gradle.internal.nativeintegration.filesystem.services org.gradle.internal.nativeplatform.filesystem

 $-\ Package:\ org.gradle.internal.native integration.file system.services$

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 8

A: 0 I: 0.89 D: 0.11

Abstract Classes:

Concrete Classes: org.gradle.internal.nativeintegration.filesystem.services.FileSystemServices

Depends Upon: java.lang net.rubygrapefruit.platform org.gradle.api org.gradle.internal.org.gradle.internal.nativeintegration.filesystem org.gradle.internal.nativeplatform.filesystem org.gradle.internal.os org.slf4j

 ${\bf Used\ By:\ org.gradle.internal.native integration.services}$

- Package: org.gradle.internal.nativeintegration.jna

• Package: org.gradle.internal.nativeintegration.processenvironment

No stats available: package referenced, but not analyzed.

 $\hbox{- Package: org.gradle.internal.native integration.} services$

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 2 Ce: 15

A: 0 I: 0.88 D: 0.12

Abstract Classes:

Concrete Classes: org.gradle.internal.nativeintegration.services.NativeServices

Depends Upon: java.io java.lang java.lang.reflect net.rubygrapefruit.platform net.rubygrapefruit.platform.internal org.gradle.internal org.gradle.internal.jvm org.gradle.internal.nativeintegration org.gradle.internal.nativeintegration.console org.gradle.internal.nativeintegration.filesystem.services org.gradle.internal.nativeintegration.jna org.gradle.internal.nativeintegration.processenvironment org.gradle.internal.os org.gradle.internal.service org.slf4j

Used By: org.gradle.logging.internal org.gradle.process.internal.child

 $-\ Package:\ org.gradle.internal.native platform.file system$

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 1 Ce: 2

A: 1 I: 0.67 D: 0.67

Abstract Classes: org.gradle.internal.nativeplatform.filesystem.FileSystem

Concrete Classes:

Used By: org.gradle.internal.nativeintegration.filesystem.services

- Package: org.gradle.internal.os $\,$

Stats: Total Classes: 7 Concrete Classes: 6 Abstract Classes: 1

Ca: 3 Ce: 4

A: 0.14 I: 0.57 D: 0.29

Abstract Classes: org.gradle.internal.os.OperatingSystem

 $\label{lem:concrete} Concrete Classes: org.gradle.internal.os. Operating System Free BSD org.gradle.internal.os. Operating System Lindows org.gradle.internal.os. Operating System MacOsorg.gradle.internal.os. Operating System Vnixorg.gradle.internal.os. Operating System Vnixorg.gradle.inte$

Depends Upon: java.io java.lang java.util java.util.regex

Used By: org.gradle.internal.jvm org.gradle.internal.nativeintegration.filesystem.services org.gradle.internal.nativeintegration.services

 $\hbox{- Package: org.gradle.internal.reflect}$

Stats: Total Classes: 6 Concrete Classes: 4 Abstract Classes: 2

Ca: 2 Ce: 9

A: 0.33 I: 0.82 D: 0.15

 $Abstract\ Classes:\ org.gradle.internal.reflect. Property Accessor\ org.gradle.internal.reflect. Property Mutator\ and the property Mutator\ and t$

 $Concrete\ Classes:\ org. gradle. internal. reflect. JavaMethod\ org. gradle. internal. reflect. JavaReflection Util\ org. gradle. internal. reflect. NoSuchMethod Exception\ org. gradle. internal. reflect. NoSuchProperty Exception\ org. gradle. internal. reflect. NoSuchProperty Exception\ org. gradle. internal. reflect. NoSuchProperty Exception\ org. gradle. org. gr$

Depends Upon: com.google.common.base java.lang java.lang.annotation java.lang.reflect java.util org.gradle.api org.gradle.api.specs org.gradle.internal org.gradle.util

Used By: org.gradle.internal.classloader org.gradle.internal.service

- Package: org.gradle.internal.serialize

Stats: Total Classes: 31 Concrete Classes: 21 Abstract Classes: 10

Ca: 6 Ce: 6

A: 0.32 I: 0.5 D: 0.18

Abstract Classes: org.gradle.internal.serialize.AbstractDecoder org.gradle.internal.serialize.AbstractEncoder org.gradle.internal.serialize.Decoder org.gradle.internal.serialize.Encoder org.gradle.internal.serialize.Encoder org.gradle.internal.serialize.ObjectReader org.gradle.internal.serialize.ObjectWriter org.gradle.internal.serialize.Serializer org.gradle.internal.serialize.Serializer org.gradle.internal.serialize.Serializer

 $Concrete \ Classes: \ org. gradle. internal. serialize. Abstract Decoder \ Decoder Streamorg. gradle. internal. serialize. Abstract Decoder \ Decoder Streamorg. gradle. internal. serialize. Base Serializer Factory gradle. internal. serialize. Base Serializer Factory Enum Serializer org. gradle. internal. serialize. Base Serializer Factory Enum Serializer org. gradle. internal. serialize. Base Serializer Factory Enum Serializer org. gradle. internal. serialize. Base Serializer Factory String Serializer org. gradle. internal. serialize. Base Serializer org. gradle. internal. serialize. Base Serializer org. gradle. internal. serialize. Base Serializer Factory String Serializer org. gradle. internal. serialize. Default Serializer Registry org. gradle. internal. serialize. Default Serializer Registry org. gradle. internal. serialize. Default Serializer Registry Type Infoorg. gradle. internal. serialize. Object Array Serializer Stateful Serializer Stateful Serializer Adapter 1 org. gradle. internal. serialize. Serializer Stateful Serializer Adapter 1 org. gradle. internal. serialize. Serializer Stateful Serializer Adapter 1 org. gradle. internal. serialize. Serializer Stateful Serializer Adapter 1 org. gradle. internal. serializer Stateful Serializer Serializer Stateful Serializer Stateful Serializer Serializer Stateful Serializer Stateful Serializer Stateful Serializer Serializer Stateful Serializer Serializer Stateful Serializer Serializer$

Depends Upon: com.google.common.collect java.io java.lang java.util org.gradle.internal.io org.gradle.messaging.remote.internal

 $\label{thm:condition} \begin{tabular}{ll} Used By: org.gradle.api.internal.tasks.testing.worker org.gradle.internal.serialize.kryo org.gradle.messaging.remote org.gradle.messaging.remote.internal.org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.inet \\ \end{tabular}$

- Package: org.gradle.internal.serialize.kryo

Stats: Total Classes: 5 Concrete Classes: 5 Abstract Classes: 0

Ca: 2 Ce: 5

A: 0 I: 0.71 D: 0.29

Abstract Classes:

Concrete Classes: org.gradle.internal.serialize.kryo.KryoBackedDecoder org.gradle.internal.serialize.kryo.KryoBackedEncoder org.gradle.internal.serialize.kryo.TypeSafeSerializer org.gradle.internal.serialize.kryo.TypeSafeSerializer\$1 org.gradle.internal.serialize.kryo.TypeSafeSerializer\$2

Depends Upon: com.esotericsoftware.kryo com.esotericsoftware.kryo.io java.io java.lang org.gradle.internal.serialize

Used By: org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub

- Package: org.gradle.internal.service

Stats: Total Classes: 22 Concrete Classes: 13 Abstract Classes: 9

Ca: 6 Ce: 11

A: 0.41 I: 0.65 D: 0.06

 $Abstract \ Classes: \ org. gradle. internal. service. Default Service Registry Factory Service org. gradle. internal. service. Default Service Registry Managed Object Providerorg. gradle. internal. service. Default Service Registry Service Providerorg. gradle. internal. service. Default Service Registry Service Providerorg. gradle. internal. service. Default Service Registry Type Spec org. gradle. internal. service. Service Registration org. gradle. internal. service. Service Registry Service$

Concrete Classes: org. gradle. internal. service. Default Service Registry org. gradle. internal. service. Default Service Registry Default Lookup Contextor g. gradle. internal. service. Default Service Registry Default Lookup Contextor g. gradle. internal. service. Default Service Registry Own Service sor g. gradle. internal. service. Default Service Registry \$Relevant Methods Builder org. gradle. internal. service. Service Creation Exception org. gradle. internal. service. Service Lookup Exception org. gradle. internal. service. Service Validation Exception org. gradle. internal. service. Unknown Service Exception org. gradle. Internal. service. Service Exception org. gradle. Internal. service. Unknown Service Exception org. gradle. Internal. service. Service Exception org. gradle. Internal. service. Unknown Service Exception org. gradle. Internal. service. Service Ex

Depends Upon: java.io java.lang java.lang.reflect java.util java.util.concurrent org.gradle.api org.gradle.api.specs org.gradle.internal org.gradle.internal.concurrent org.gradle.internal.reflect org.gradle.internal.util

Used By: org.gradle.api.internal.tasks.testing.org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.worker org.gradle.internal.nativeintegration.services org.gradle.logging org.gradle.messaging.remote.internal

- Package: org.gradle.internal.util

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 1 Ce: 1

A: 1 I: 0.5 D: 0.5

Abstract Classes: org.gradle.internal.util.BiFunction

Concrete Classes:

Depends Upon: java.lang

Used By: org.gradle.internal.service

- Package: org.gradle.logging

Stats: Total Classes: 11 Concrete Classes: 5 Abstract Classes: 6

Ca: 4 Ce: 8

A: 0.55 I: 0.67 D: 0.21

Abstract Classes: org.gradle.logging.LoggingManagerInternal org.gradle.logging.LoggingServiceRegistry org.gradle.logging.ProgressLoggerFactory org.gradle.logging.StandardOutputCapture org.gradle.logging.StyledTextOutput org.gradle.logging.StyledTextOutputFactory

 $\label{logging-loggi$

Depends Upon: java.io java.lang org.gradle.api.logging org.gradle.cli org.gradle.internal org.gradle.internal.service org.gradle.logging.internal org.gradle.logging.internal.slf4j

 $\label{thm:constraint} Used\ By:\ org.gradle.api.internal.tasks.testing.processors\ org.gradle.logging.internal\ org.gradle.process.internal.child$

- Package: org.gradle.logging.internal $\,$

Stats: Total Classes: 46 Concrete Classes: 30 Abstract Classes: 16

Ca: 2 Ce: 18

A: 0.35 I: 0.9 D: 0.25

Abstract Classes: org. gradle. logging. internal. Abstract Line Chopping Styled Text Output org. gradle. logging. internal. Abstract Styled Text Output org. gradle. logging. internal. Color Map org. gradle. logging. internal. Color Map Color org. gradle. logging. internal. Consoleor g. gradle. logging. internal. Output Event org. gradle. logging. internal. Output Event Listener org. gradle. logging. internal. Print Stream Logging System org. gradle. logging. internal. Progress Listener org. gradle. logging. internal. Renderable Output Event org. gradle. logging. internal. Std Err Logging System org. gradle. logging. internal. Std Out Logging System org. gradle. logging. gradle.

 $\label{thm:concrete} Classes: org. gradle.logging.internal. Categorised Output Event org. gradle.logging.internal. Console Configure Action org. gradle.logging.internal. Default Color Map org. gradle.logging.internal. Default Color Map 1 org. gradle.logging.internal. Default Logging Configure rog. gradle.logging.internal. Default Std Cut Logging Manager Factory org. gradle.logging.internal. Default Std Cut Logging System org. gradle.logging.internal. Java Util Logging System org. gradle.logging.internal. Java Util Logging System Snapshot Implorg. gradle.logging.internal. Log Eventorg. gradle.logging.internal. Output Event Renderer $1 org. gradle.logging.internal. Output Event Renderer $2 org. gradle.logging.internal. Print Stream Logging System Print Stream Destination org. gradle.logging.internal. Progress Log Event Generator org. gradle.logging.internal. Stream Backed Standard Output org. gradle.logging.internal. Stream ing Styled Text Output org. gradle.logging.internal. Styled Text Output Backed Renderer $0 output Event Text Output Implorg. gradle.logging.internal. Styled Text Output Event Coutput Text Output Implorg. gradle.logging.internal. Styled Text Output Event Coutput Text Output Event Listener $0 org. gradle.logging.internal. Styled Text Output Event Listener $0 org. gradle.logging.internal. Styled Text Output Event Coutput Event Listener $0 org. gradle.logging.internal. Styled Text Output Event Listener $0 org. gradle.logging.internal. Styled Text Output Event Listener $0 org. gradle.logging.internal. Text Stream Output Event Listener $1 org. gradle.logging. internal. Text Stream Output Event Listener $1 org. gradle.logging. internal. Text Stream Output Event Listener $1 org. gradle.logging. Internal. Text Stream Output Event Listene$

Depends Upon: java.io java.lang java.text java.util java.util.concurrent.atomic java.util.logging org.fusesource.jansi org.gradle.api org.gradle.api.logging org.gradle.internal org.gradle.internal.event org.gradle.internal.io org.gradle.internal.nativeintegration.console org.gradle.internal.nativeintegration.services org.gradle.logging org.gradle.util org.slf4j.bridge

Used By: org.gradle.logging org.gradle.logging.internal.slf4j

- Package: org.gradle.logging.internal.slf4j

Stats: Total Classes: 4 Concrete Classes: 4 Abstract Classes: 0

Ca: 2 Ce: 9

A: 0

I: 0.82 D: 0.18

Abstract Classes:

 $Concrete \ Classes: \ org. gradle. logging. internal. slf4j. Output Event Listener Backed Logger org. gradle. logging. internal. slf4j. Output Event Listener Backed Logger Context org. gradle. logging. internal. slf4j. Output Event Listener Backed Logger Context $NoOp Logger org. gradle. logging. internal. slf4j. Slf4j Logging Configurer$

Depends Upon: java.io java.lang java.util.concurrent java.util.concurrent.atomic org.gradle.api.logging org.gradle.internal org.gradle.logging.internal org.slf4j org.slf4j.helpers

Used By: org.gradle.logging org.slf4j.impl

 $\hbox{- Package: org.gradle.messaging.actor}\\$

Stats: Total Classes: 2 Concrete Classes: 0 Abstract Classes: 2

Ca: 3 Ce: 3

A: 1 I: 0.5 D: 0.5

 $Abstract\ Classes:\ org.gradle.messaging.actor. Actor\ org.gradle.messaging.actor. Actor\ Factory$

Concrete Classes:

Depends Upon: java.lang org.gradle.internal.concurrent org.gradle.messaging.dispatch

Used By: org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.worker org.gradle.messaging.actor.internal

- Package: org.gradle.messaging.actor.internal

Stats: Total Classes: 2 Concrete Classes: 2 Abstract Classes: 0

Ca: 1 Ce: 5

A: 0 I: 0.83 D: 0.17

Abstract Classes:

 $\label{lem:concrete} Classes: or g. gradle. messaging. actor. internal. Default Actor Factory or g. gradle. messaging. actor. internal. Default Actor Factory \$Blocking Actor \$Blocking Acto$

Depends Upon: java.lang java.util org.gradle.internal.concurrent org.gradle.messaging.actor org.gradle.messaging.dispatch

Used By: org.gradle.api.internal.tasks.testing.worker

- Package: org.gradle.messaging.dispatch

Stats: Total Classes: 9 Concrete Classes: 6 Abstract Classes: 3

Ca: 7 Ce: 5

A: 0.33 I: 0.42 D: 0.25

 $Abstract\ Classes:\ org.gradle.messaging.dispatch.Dispatch\ org.gradle.messaging.dispatch.DispatchFailure Handler\ org.gradle.messaging.dispatch.Receive$

 $Concrete\ Classes:\ org.gradle.messaging.dispatch.ContextClassLoaderDispatch\ org.gradle.messaging.dispatch.ContextClassLoaderProxy\ org.gradle.messaging.dispatch.MethodInvocation\ org.gradle.messaging.dispatch.ProxyDispatchAdapter\ org.gradle.messaging.dispatch.ProxyDispatchAdapter\ org.gradle.messaging.dispatch.ReflectionDispatch\ org.gradle.messaging.dispatch\ org.gr$

Depends Upon: com.google.common.base java.lang java.lang.reflect java.util org.gradle.internal

Used By: org.gradle.api.internal.tasks.testing.worker org.gradle.internal.event org.gradle.messaging.actor org.gradle.messaging.actor.internal org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub.queue

- Package: org.gradle.messaging.remote $\,$

Stats: Total Classes: 5 Concrete Classes: 0 Abstract Classes: 5

Ca: 6 Ce: 5 A: 1 I: 0.45 D: 0.45

 $Abstract\ Classes:\ org.gradle.messaging.remote. Address\ org.gradle.messaging.remote. Messaging\ Client\ org.gradle.messaging.remote. Messaging\ Server\ org.gradle.messaging.remote. Object\ Connection\ org.gradle.messaging.remote. Object\ Connection\ Builder$

Concrete Classes:

Depends Upon: java.io java.lang org.gradle.api org.gradle.internal.concurrent org.gradle.internal.serialize

Used By: org.gradle.api.internal.tasks.testing.worker org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.inet org.gradle.process.internal org.gradle.process.internal.child

 $\hbox{- Package: org.gradle.messaging.remote.internal}\\$

Stats: Total Classes: 24 Concrete Classes: 14 Abstract Classes: 10

Ca: 6 Ce: 18

A: 0.42 I: 0.75 D: 0.17

Abstract Classes: org.gradle.messaging.remote.internal.AsyncConnection org.gradle.messaging.remote.internal.ConnectCompletion org.gradle.messaging.remote.internal.Connection org.gradle.messaging.remote.internal.IncomingBroadcast org.gradle.messaging.remote.internal.IncomingConnecteorg.gradle.messaging.remote.internal.Message org.gradle.messaging.remote.internal.MessageSerializer org.gradle.messaging.remote.internal.OutgoingBroadcast org.gradle.messaging.remote.internal.OutgoingConnecteorg.gradle.messaging.remote.internal.RemoteConnection

 $\label{lem:concete} Concrete Classes: org. gradle. messaging. remote. internal. Connect Exception org. gradle. messaging. remote. internal. KryoBacked Message Serializer org. gradle. messaging. remote. internal. KryoBacked Message Serializer org. gradle. messaging. remote. internal. Message Exception Placel org. gradle. messaging. remote. internal. Message Sexception Placeholder 1 org. gradle. messaging. remote. internal. Message Exception Replacing Object Output Streamorg. gradle. messaging. remote. internal. Message IO Exception org. gradle. messaging. remote. internal. Message Originat org. gradle. messaging. remote. internal. Message Originat org. gradle. messaging. remote. internal. Message Originat org. gradle. messaging. remote. internal. Placeholder Exception org. gradle. messaging. The properties of the properties org. gradle. messaging. The properties of the properties org. gradle. messaging. The properties org. gradle. The properties org. gradl$

Depends Upon: java.io java.lang java.lang.reflect java.net org.gradle.api org.gradle.internal org.gradle.internal.concurrent org.gradle.internal.id org.gradle.internal.io org.gradle.internal.serialize org.gradle.internal.serialize.kryo

org.gradle.internal.service org.gradle.messaging.dispatch org.gradle.messaging.remote org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.inet org.gradle.messaging.remote.internal.protocol org.slf4j

Used By: org.gradle.internal.serialize org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.hub.protocol org.gradle.messaging.remote.internal.inet org.gradle.messaging.remote.internal.protocol org.gradle.process.internal.child

- Package: org.gradle.messaging.remote.internal.hub

Stats: Total Classes: 22 Concrete Classes: 20 Abstract Classes: 2

Ca: 1 Ce: 15

A: 0.09 I: 0.94 D: 0.03

Abstract Classes: org.gradle.messaging.remote.internal.hub.HubStateListener org.gradle.messaging.remote.internal.hub.RejectedMessageListener

 $Concrete \ Classes: \ org. gradle. messaging. remote. internal. hub. Connection Set org. gradle. messaging. remote. internal. hub. Incoming Qu org. gradle. messaging. remote. internal. hub. Inter Hub Message Serializer org. gradle. messaging. remote. internal. hub. Inter Hub Message Serializer org. gradle. messaging. remote. internal. hub. Message Hub Cong. gradle. messaging. remote. internal. hub. Message Hub Connection Receive org. gradle. messaging. remote. internal. hub. Message Hub Handler org. gradle. messaging. remote. internal. hub. Message Hub Handler org. gradle. messaging. remote. internal. hub. Message Hub Backed Client org. gradle. messaging. remote. internal. hub. Message Hub Backed Client org. gradle. messaging. remote. internal. hub. Message Hub Backed Client org. gradle. messaging. remote. internal. hub. Message Hub Backed Client org. gradle. messaging. remote. internal. hub. Message Hub Backed Client org. gradle. messaging. remote. internal. hub. Method Invocation Serializer Method Invocation Writer org. gradle. messaging. remote. internal. hub. Outgoing Queue$

Depends Upon: java.io java.lang java.lang.reflect java.util java.util.concurrent.locks org.gradle.api org.gradle.internal.concurrent org.gradle.internal.serialize org.gradle.internal.serialize.kryo org.gradle.messaging.dispatch org.gradle.messaging.remote org.gradle.messaging.remote.internal.org.gradle.messaging.remote.internal.hub.protocol org.gradle.messaging.remote.internal.hub.queue org.slf4j

Used By: org.gradle.messaging.remote.internal

 $-\ Package:\ org.gradle.messaging.remote.internal.hub.protocol$

Stats: Total Classes: 9 Concrete Classes: 7 Abstract Classes: 2

Ca: 2 Ce: 2

A: 0.22 I: 0.5 D: 0.28

 $Abstract\ Classes:\ org.gradle.messaging.remote.internal.hub.protocol.InterHubMessage\ org.gradle.messaging.remote.internal.hub.protocol.Routable$

 $Concrete \ Classes: \ org. gradle. messaging. remote. internal. hub. protocol. Channel I dentifier org. gradle. messaging. remote. internal. hub. protocol. Channel Message org. gradle. messaging. remote. internal. hub. protocol. Connection Established org. gradle. messaging. remote. internal. hub. protocol. End Of Stream org. gradle. messaging. remote. internal. hub. protocol. End Of Stream org. gradle. messaging. remote. internal. hub. protocol. Rejected Message$

Depends Upon: java.lang org.gradle.messaging.remote.internal

Used By: org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.hub.queue

 $\hbox{- Package: org.gradle.messaging.remote.internal.hub.queue}$

Stats: Total Classes: 5 Concrete Classes: 5 Abstract Classes: 0

Ca: 1 Ce: 6

A: 0 I: 0.86 D: 0.14

Abstract Classes:

 $Concrete \ Classes: \ org. gradle. messaging. remote. internal. hub. queue. End Point Queue org. gradle. messaging. remote. internal. hub. queue. Multi Channel Queue org. gradle. messaging. remote. internal. hub. queue. Multi End Point Queue $1 org. gradle. messaging. remote. internal. hub. queue. Queue Initializer$

Depends Upon: java.lang java.util java.util.concurrent.locks org.gradle.internal org.gradle.messaging.dispatch org.gradle.messaging.remote.internal.hub.protocol

Used By: org.gradle.messaging.remote.internal.hub

- Package: org.gradle.messaging.remote.internal.inet

Stats: Total Classes: 9 Concrete Classes: 8 Abstract Classes: 1

Ca: 1 Ce: 15

A: 0.11 I: 0.94 D: 0.05

Abstract Classes: org.gradle.messaging.remote.internal.inet.InetEndpoint

 $Concrete\ Classes:\ org.gradle.messaging.remote.internal.inet.InetAddressFactory\ org.gradle.messaging.remote.internal.inet.MultiChoiceAddress\ org.gradle.messaging.remote.internal.inet.SocketConception\ org.gradle.messaging.remote.internal.inet.SocketConception\ org.gradle.messaging.remote.internal.inet.SocketConception\ org.gradle.messaging.remote.internal.inet.TcpOutgo$

Depends Upon: com.google.common.base com.google.common.collect java.io java.lang java.net java.nio java.nio.channels java.util org.gradle.api org.gradle.internal org.gradle.internal.concurrent org.gradle.internal.serialize org.gradle.messaging.remote org.gradle.messaging.remote.internal org.slf4j

Used By: org.gradle.messaging.remote.internal

 $- \ {\it Package:} \ {\it org.gradle.messaging.remote.internal.protocol$

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 2

A: 0 I: 0.67 D: 0.33

Abstract Classes:

 $Concrete\ Classes:\ org.gradle.messaging.remote.internal.protocol.DiscoveryMessage$

Depends Upon: java.lang org.gradle.messaging.remote.internal

Used By: org.gradle.messaging.remote.internal

 $\hbox{- Package: org.gradle.process.internal}\\$

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 2 Ce: 2

A: 1 I: 0.5 D: 0.5

 $Abstract\ Classes:\ org.gradle.process.internal.Worker Process Context$

Concrete Classes:

Depends Upon: java.lang org.gradle.messaging.remote

Used By: org.gradle.api.internal.tasks.testing.worker org.gradle.process.internal.child

- Package: org.gradle.process.internal.child $\,$

Stats: Total Classes: 6 Concrete Classes: 5 Abstract Classes: 1

Ca: 0 Ce: 16

A: 0.17 I: 1 D: 0.17

Abstract Classes: org.gradle.process.internal.child.WorkerContext

Concrete Classes: org.gradle.process.internal.child.ActionExecutionWorker org.gradle.process.internal.child.ActionExecutionWorker\$1 org.gradle.process.internal.child.ImplementationClass.org.gradle.process.internal.child.SystemApplicationClassLoaderWorker org.gradle.process.internal.child.SystemApplicationClassLoaderWorker\$1

Depends Upon: java.io java.lang java.net java.util java.util.concurrent org.gradle.api org.gradle.api.logging org.gradle.internal org.gradle.internal.classloader org.gradle.internal.io org.gradle.internal.nativeintegration.services org.gradle.logging org.gradle.messaging.remote org.gradle.messaging.remote.internal org.gradle.process.internal org.slf4j

Used By: Not used by any packages.

- Package: org.gradle.util

Stats: Total Classes: 4 Concrete Classes: 4 Abstract Classes: 0

Ca: 5 Ce: 6

A: 0 I: 0.55 D: 0.45

Abstract Classes:

Depends Upon: java.io java.lang java.security java.util org.gradle.internal org.gradle.internal.io

 $Used\ By:\ org.gradle.api.internal.tasks.testing.junit\ org.gradle.api.internal.tasks.testing.processors\ org.gradle.internal.classloader\ org.gradle.internal.reflect\ org.gradle.logging.internal\ processors\ org.gradle.api.internal\ processors\ org.gradle.api.interna$

- Package: org.hamcrest

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 2 Ce: 1

A: 1 I: 0.33 D: 0.33

Abstract Classes: org.hamcrest.SelfDescribing

Concrete Classes:

Depends Upon: java.lang

Used By: org.junit.org.junit.internal

- Package: org.jacoco.agent

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 0 Ce: 3

A: 0

I: 1 D: 0

Abstract Classes:

Concrete Classes: org.jacoco.agent.AgentJar Depends Upon: java.io java.lang java.net

Used By: Not used by any packages.

- Package: org.jacoco.agent.rt

Stats: Total Classes: 2 Concrete Classes: 1 Abstract Classes: 1

Ca: 2 Ce: 4

A: 0.5 I: 0.67 D: 0.17

Abstract Classes: org.jacoco.agent.rt.IAgent Concrete Classes: org.jacoco.agent.rt.RT

Depends Upon: java.io java.lang org.jacoco.agent.rt.internal org.jacoco.agent.rt.internal_b0d6a23

Used By: com.vladium.emma.rt org.jacoco.agent.rt.internal_b0d6a23

- Package: org.jacoco.agent.rt.internal

No stats available: package referenced, but not analyzed.

• Package: org.jacoco.agent.rt.internal.output

No stats available: package referenced, but not analyzed.

- Package: org.jacoco.agent.rt.internal_b0d6a23

Stats: Total Classes: 11 Concrete Classes: 10 Abstract Classes: 1

Ca: 2 Ce: 24

A: 0.09 I: 0.92 D: 0.01

Abstract Classes: org.jacoco.agent.rt.internal b0d6a23.IExceptionLogger

 $Concrete \ Classes: \ org.jacoco.agent.rt.internal_b0d6a23. Agent \ org.jacoco.agent.rt.internal_b0d6a23. Agent \$1 \ org.jacoco.agent.rt.internal_b0d6a23. Agent \$2 \ org.jacoco.agent.rt.internal_b0d6a23. ClassFileDumper \ org.jacoco.agent.rt.internal_b0d6a23. Coverage Transformer \ org.jacoco.agent.rt.internal_b0d6a23. Coverage Transformer \ org.jacoco.agent.rt.internal_b0d6a23. IExceptionLogger \$1 \ org.jacoco.agent.rt.internal_b0d6a23. JmxRegistration \ org.jacoco.agent.rt.internal_b0d6a23. Offline \ org.jacoco.agent.rt.internal_b0d6a23. PreMain \ org.jacoco.agent.rt.internal_b0d6a23. Offline \$

Depends Upon: java.io java.lang java.lang.instrument java.lang.management java.security java.util java.util.concurrent java.util.regex javax.management org.jacoco.agent.rt org.jacoco.agent.rt.internal org.jacoco.agent.rt.internal.output org.jacoco.agent.rt.internal_b0d6a23.core.org.jacoco.agent.rt.internal_b0d6a23.core.instr org.jacoco.agent.rt.internal_b0d6a23.core.internal.data org.jacoco.agent.rt.internal_b0d6a23.core.runtime org.jacoco.agent.rt.internal_b0d6a23.output org.jacoco.core.org.jacoco.core.data org.jacoco.core.instr org.jacoco.core.internal.data org.jacoco.core.runtime

Used By: org.jacoco.agent.rt org.jacoco.agent.rt.internal_b0d6a23.output

- Package: org.jacoco.agent.rt.internal_b0d6a23.asm

Stats: Total Classes: 21 Concrete Classes: 16 Abstract Classes: 5

Ca: 6 Ce: 4

A: 0.24 I: 0.4 D: 0.36

 $Abstract\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.asm.AnnotationVisitor\ org.jacoco.agent.rt.internal_b0d6a23.asm.ClassVisitor\ org.jacoco.agent.rt.internal_b0d6a23.asm.FieldVisitor\ org.jacoco.agent.rt.internal_b0d6a23.asm.MethodVisitor\ org.jacoco.agent.rt.internal_b0d6a23.asm.Opcodes$

 $Concrete\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.asm.AnnotationWriter\ org.jacoco.agent.rt.internal_b0d6a23.asm.Attribute\ org.jacoco.agent.rt.internal_b0d6a23.asm.ByteVector\ org.jacoco.agent.rt.internal_b0d6a23.asm.ClassReader\ org.jacoco.agent.rt.internal_b0d6a23.asm.ClassWriter\ org.jacoco.agent.rt.internal_b0d6a23.asm.Context\ org.jacoco.agent.rt.internal_b0d6a23.asm.Edge\ org.jacoco.agent.rt.internal_b0d6a23.asm.Frame$

 $org.jacoco.agent.rt.internal_b0d6a23.asm.Handle\ org.jacoco.agent.rt.internal_b0d6a23.asm.Handle\ org.jacoco.agent.rt.internal_b0d6a23.asm.Label\ org.jacoco.agent.rt.internal_b0d6a23.asm.Label\ org.jacoco.agent.rt.internal_b0d6a23.asm.MethodWriter\ org.jacoco.agent.rt.internal_b0d6a23.asm.Type\ org.jacoco.agent.rt.internal_b0d6a23.asm.TypePath$

Depends Upon: java.io java.lang java.lang.reflect org.objectweb.asm

 $Used \ By: \ org.jacoco.agent.rt.internal_b0d6a23.asm.commons \ org.jacoco.agent.rt.internal_b0d6a23.asm.tree \ org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow \ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr \ org.jacoco.agent.rt.internal_b0d6a23.core.runtime \ org.jacoco.agent.rt.internal_b0d6a23.core.runti$

- Package: org.jacoco.agent.rt.internal_b0d6a23.asm.commons

Stats: Total Classes: 3 Concrete Classes: 3 Abstract Classes: 0

Ca: 1 Ce: 8

A: 0 I: 0.89 D: 0.11

Abstract Classes:

 $\label{lem:concrete} Classes: org.jacoco.agent.rt.internal_b0d6a23.asm.commons.AnalyzerAdapter org.jacoco.agent.rt.internal_b0d6a23.asm.commons.JSRInlinerAdapter org.jacoco.agent.rt.internal_b0d6a23.asm.commons.JSRInlinerAdapter\$Instantiation$

Depends Upon: java.io java.lang java.util org.jacoco.agent.rt.internal_b0d6a23.asm org.jacoco.agent.rt.internal_b0d6a23.asm.tree org.objectweb.asm org.objectweb.asm.commons org.objectweb.asm.tree

Used By: org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow

- Package: org.jacoco.agent.rt.internal_b0d6a23.asm.tree

Stats: Total Classes: 27 Concrete Classes: 26 Abstract Classes: 1

Ca: 2 Ce: 5

A: 0.04 I: 0.71 D: 0.25 Abstract Classes: org.jacoco.agent.rt.internal b0d6a23.asm.tree.AbstractInsnNode

 $Concrete\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree. Annotation Node$

 $org. jacoco. agent.rt. internal_b0d6a23. asm. tree. FieldInsnNode org. jacoco. agent.rt. internal_b0d6a23. asm. tree. Francorg. jacoco. agent.rt. internal_b0d6a23. asm. tree. InsnLorg. jacoco. agent.rt. internal_b0d6a23. asm. tree. InsnLorg. jacoco. agent.rt. internal_b0d6a23. asm. tree. InsnListInsnListIterator$

 $org.jacoco.agent.rt.internal_b0d6a23.asm.tree.InsnNode\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree.IntInsnNode\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.InvokeDynamicInsnNode\ org.jacoco.agent.pub.tree.In$

 $org.jacoco.agent.rt.internal_b0d6a23.asm.tree.LumpInsnNode\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree.Laborg.jacoco.agent.rt.internal_b0d6a23.asm.tree.LucInsnNode\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree.LucInsnNode\ org.jacoco.agent.rt.internal_b0d6a23.asm.tree.L$

 $org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Method InsnNode org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Method Node 1 org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Mu org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Mu org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Parameter Node org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Talorg. jacoco. agent.rt. internal_b0d6a23. asm.tree. Try Catch Block Node org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Try Catch Block Node org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Try ElnsnNode org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Variable Node org. jacoco. agent.rt. internal_b0d6a23. asm.tree. Try ElnsnNode org. jacoco. agent.rt. internal_b0d6a23. asm.$

Depends Upon: java.lang java.util org.jacoco.agent.rt.internal_b0d6a23.asm org.objectweb.asm org.objectweb.asm.tree

 $Used\ By:\ org.jacoco.agent.rt.internal_b0d6a23.asm.commons\ org.jacoco.agent.rt.internal_b0d6a23.core.inter$

- Package: org.jacoco.agent.rt.internal_b0d6a23.core

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 3

A: 0 I: 0.75 D: 0.25

Abstract Classes:

Concrete Classes: org.jacoco.agent.rt.internal b0d6a23.core.JaCoCo

Depends Upon: java.lang java.util org.jacoco.core Used By: org.jacoco.agent.rt.internal_b0d6a23

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.data

Stats: Total Classes: 7 Concrete Classes: 5 Abstract Classes: 2

Ca: 3 Ce: 6

A: 0.29 I: 0.67 D: 0.05

 $Abstract\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.core.data.IExecutionDataVisitor\ org.jacoco.agent.rt.internal_b0d6a23.core.data.ISessionInfoVisitor$

 $\label{lem:policy} Depends\ Upon:\ java.io\ java.lang\ java.util\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.data\ org.jacoco.core.data\ org.jacoco.core.internal.data$

 $Used\ By:\ org.jacoco.agent.rt.internal_b0d6a23\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime\ org.jacoco.agent.rt.internal_b0d6a23.output$

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.instr

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 13

A: 0 I: 0.93 D: 0.07

Abstract Classes:

Concrete Classes: org.jacoco.agent.rt.internal_b0d6a23.core.instr.Instrumenter

Used By: org.jacoco.agent.rt.internal_b0d6a23

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.internal

Stats: Total Classes: 3 Concrete Classes: 3 Abstract Classes: 0

Ca: 1 Ce: 4

A: 0 I: 0.8 D: 0.2

Abstract Classes:

 $Concrete\ Classes:\ org. jacoco. agent.rt. internal_b0d6a23. core. internal. Content\ Type\ Detector\ org. jacoco. agent.rt. internal_b0d6a23. core. internal. Pack 200\ Streams\ org. jacoco. agent.rt. internal_b0d6a23. core. internal. Type\ Detector\ org. jacoco. agent. Type$

Depends Upon: java.io java.lang java.util.jar org.jacoco.core.internal

Used By: org.jacoco.agent.rt.internal_b0d6a23.core.instr

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.internal.data

Stats: Total Classes: 3 Concrete Classes: 3 Abstract Classes: 0

Ca: 4 Ce: 3

A: 0 I: 0.43 D: 0.57

Abstract Classes:

 $Concrete\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.data.CRC64\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.data.CompactDataInput\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.data.CompactDataOutput\ org.jacoco.agent.pdf$

Depends Upon: java.io java.lang org.jacoco.core.internal.data

 $Used\ By:\ org.jacoco.agent.rt.internal_b0d6a23.core.data \\ org.jacoco.agent.rt.internal_b0d6a23.core.data \\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime$

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow

Stats: Total Classes: 13 Concrete Classes: 9 Abstract Classes: 4

Ca: 2

Ce: 9

A: 0.31 I: 0.82 D: 0.13

 $\label{lem:concrete} Concrete Classes: org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.ClassProbesAdapter org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.ClassProbesAdapter\$1 org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.ClassProbesAdapter\$2 org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.FrameSnapshot org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.Instruction org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.LabelInfo org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.LabelInfo org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow.MethodSanitizer$

Depends Upon: java.lang java.util org.jacoco.agent.rt.internal_b0d6a23.asm org.jacoco.agent.rt.internal_b0d6a23.asm.commons org.jacoco.agent.rt.internal_b0d6a23.asm.tree org.jacoco.core.internal.flow org.objectweb.asm org.objectweb.asm.commons org.objectweb.asm.tree

Used By: org.jacoco.agent.rt.internal b0d6a23.core.instr org.jacoco.agent.rt.internal b0d6a23.core.instr

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr

Stats: Total Classes: 13 Concrete Classes: 11 Abstract Classes: 2

Ca: 2 Ce: 14

A: 0.15 I: 0.88 D: 0.03

 $Abstract\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.IProbeArrayStrategy\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.IProbeInserter$

Concrete Classes: org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.ClassInstrumenter

 $\label{lem:correction} org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.DuplicateFrameEliminator\\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.FieldProbeArrayStrategy\\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.InstrSupport org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.MethodInstrumenter\\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.NoneProbeArrayStrategy\\ org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.ProbeArrayStrategyFactory\\$

org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.ProbeCounter org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.ProbeInserter org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr.SignatureRemover

 $\label{lem:decomposition} Depends Upon: java.io java.io java.lang java.util java.util.jar java.util.regex org.jacoco.agent.rt.internal_b0d6a23.core.internal.data org.jacoco.agent.rt.internal_b0d6a23.core.internal.flow org.jacoco.agent.rt.internal_b0d6a23.core.runtime org.jacoco.core.internal.data org.jacoco.core.internal.flow org.jacoco.core.internal.instr org.jacoco.core.runtime org.objectweb.asm$

 $Used\ By:\ org.jacoco.agent.rt.internal_b0d6a23.core.instr\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime$

- Package: org.jacoco.agent.rt.internal_b0d6a23.core.runtime

Stats: Total Classes: 14 Concrete Classes: 10 Abstract Classes: 4

Ca: 4 Ce: 16

A: 0.29 I: 0.8 D: 0.09

 $Abstract\ Classes:\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.AbstractRuntime\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.IExecutionDataAccessorGenerator\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.IRemoteCommandVisitor\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.IRuntime$

 $\label{lem:concrete} Concrete Classes: org.jacoco.agent.rt.internal_b0d6a23.core.runtime.AgentOptions\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.AgentOptions\\ OutputMode\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.CommandLineSupport\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.ModifiedSystemClassRuntime\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.ModifiedSystemClassRuntime\\ 1\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.ModifiedSystemClassRuntime\\ 2\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.RemoteControlReader\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.RemoteControlWriter\\ org.jacoco.agent.rt.internal_b0d6a23.core.runtime.RuntimeData org.jacoco.agent.rt.internal_b0d6a23.core.runtime\\ OutputDefineData org.jacoco.agent.rt.internal_b0d6a23.core.runtime\\ OutputDe$

Depends Upon: java.io java.lang java.lang.instrument java.lang.reflect java.security java.util.regex org.jacoco.agent.rt.internal_b0d6a23.asm org.jacoco.agent.rt.internal_b0d6a23.core.internal.data org.jacoco.agent.rt.internal_b0d6a23.core.internal.instr org.jacoco.core.data org.jacoco.core.internal.data org.jacoco.core.internal.data org.jacoco.core.internal.instr org.jacoco.core.runtime org.objectweb.asm

 $Used\ By:\ org.jacoco.agent.rt.internal_b0d6a23.core.instrorg.jacoco.agent.rt.internal_b0d6a23.core.instrorg.jacoco.agent.rt.internal_b0d6a23.core.internal_instrorg.jacoco.agent.rt.internal_b0d6a23.output$

- Package: org.jacoco.agent.rt.internal_b0d6a23.output

Stats: Total Classes: 8 Concrete Classes: 7 Abstract Classes: 1

Ca: 1 Ce: 11

A: 0.12 I: 0.92 D: 0.04

Abstract Classes: org.jacoco.agent.rt.internal b0d6a23.output.IAgentOutput

 $Concrete Classes: org.jacoco.agent.rt.internal_b0d6a23.output.FileOutput org.jacoco.agent.rt.internal_b0d6a23.output.NoneOutput org.jacoco.agent.rt.internal_b0d6a23.output.TcpClientOutput$1 org.jacoco.agent.rt.internal_b0d6a23.output.TcpClientOutput$1 org.jacoco.agent.rt.internal_b0d6a23.output.TcpServerOutput org.jacoco.agent.rt.internal_b0d6a23.output.TcpServerOutput.$

Used By: org.jacoco.agent.rt.internal_b0d6a23

- Package: org.jacoco.core

No stats available: package referenced, but not analyzed.

• Package: org.jacoco.core.data

No stats available: package referenced, but not analyzed.

- Package: org.jacoco.core.instr

No stats available: package referenced, but not analyzed.

• Package: org.jacoco.core.internal

No stats available: package referenced, but not analyzed.

- Package: org.jacoco.core.internal.data

No stats available: package referenced, but not analyzed.

• Package: org.jacoco.core.internal.flow

No stats available: package referenced, but not analyzed.

- Package: org.jacoco.core.internal.instr

No stats available: package referenced, but not analyzed.

• Package: org.jacoco.core.runtime

No stats available: package referenced, but not analyzed.

- Package: org.junit

Stats: Total Classes: 12 Concrete Classes: 3 Abstract Classes: 9

Ca: 6 Ce: 5

A: 0.75 I: 0.45 D: 0.2

Abstract Classes: org.junit.After org.junit.AfterClass org.junit.Before org.junit.BeforeClass org.junit.ClassRule org.junit.FixMethodOrder org.junit.Ignore org.junit.Rule org.junit.Test

Concrete Classes: org.junit.Assert org.junit.ComparisonFailure org.junit.Test\$None

Depends Upon: java.lang java.lang.annotation org.hamcrest org.junit.internal org.junit.runners

Used By: edu.allegheny.vanschedule org.junit.internal org.junit.internal.builders org.junit.internal.runners.rules org.junit.runners org.junit.runners.model

- Package: org.junit.internal

Stats: Total Classes: 4 Concrete Classes: 4 Abstract Classes: 0

Ca: 5 Ce: 6

A: 0 I: 0.55 D: 0.45

Abstract Classes:

 $Concrete\ Classes:\ org.junit.internal. Assumption Violated Exception\ org.junit.internal. Method Sorter \\ org.junit.internal. Method Sorter \\ \$1\ org.junit.internal. Method Sorter \\ \$2\$

Depends Upon: java.lang java.lang.reflect java.util org.hamcrest org.junit org.junit.runners

Used By: org.junit.internal.runners.model org.junit.internal.runners.statements org.junit.runners org.junit.runners.model

- Package: org.junit.internal.builders

Stats: Total Classes: 8 Concrete Classes: 8 Abstract Classes: 0

Ca: 2 Ce: 10

A: 0 I: 0.83 D: 0.17

Abstract Classes:

Concrete Classes: org.junit.internal.builders.AllDefaultPossibilitiesBuilder org.junit.internal.builders.AnnotatedBuilder org.junit.internal.builders.IgnoredBuilder org.junit.internal.builders.IgnoredClassRunner org.junit.internal.builders.JUnit3Builder org.junit.internal.builders.JUnit4Builder org.junit.internal.builders.NullBuilder org.junit.internal.builders.SuiteMethodBuilder

Depends Upon: java.lang java.lang.reflect java.util junit.framework org.junit org.junit.internal.runners org.junit.runner org.junit.runner.notification org.junit.runners org.junit.runners.model

Used By: org.junit.internal.requests org.junit.runner

- Package: org.junit.internal.requests

Stats: Total Classes: 3 Concrete Classes: 3 Abstract Classes: 0

Ca: 1 Ce: 6

A: 0 I: 0.86 D: 0.14

Abstract Classes:

 $Concrete\ Classes:\ org.junit.internal.requests. Class Request\ org.junit.internal.requests. Filter Request\ org.junit.internal.requests. Sorting Request\ org.junit.internal.requests. Filter Request\ org.junit.internal.request\ org.junit.inter$

Depends Upon: java.lang java.util org.junit.internal.builders org.junit.internal.runners org.junit.runner org.junit.runner.manipulation

Used By: org.junit.runner

- Package: org.junit.internal.runners

Stats: Total Classes: 3 Concrete Classes: 3 Abstract Classes: 0

Ca: 4 Ce: 10

A: 0 I: 0.71 D: 0.29

Abstract Classes:

 $Concrete\ Classes:\ org. junit. internal. runners. Error Reporting Runner\ org. junit. internal. runners. JUnit 38 Class Runner\ org. junit. internal. runners. Suite Method$

Depends Upon: java.lang java.lang.annotation java.lang.reflect java.util junit.extensions junit.framework org.junit.runner org.junit.runner.manipulation org.junit.runner.notification org.junit.runners.model

 $\label{thm:condition} \mbox{Used By: org.junit.internal.builders org.junit.internal.requests org.junit.runner org.junit.runners.model$

- Package: org.junit.internal.runners.model

Stats: Total Classes: 2 Concrete Classes: 1 Abstract Classes: 1

Ca: 2 Ce: 7

A: 0.5 I: 0.78 D: 0.28

Abstract Classes: org.junit.internal.runners.model.ReflectiveCallable

Concrete Classes: org.junit.internal.runners.model.EachTestNotifier

Depends Upon: java.lang java.lang.reflect java.util org.junit.internal org.junit.runner org.junit.runner.notification org.junit.runners.model

Used By: org.junit.runners org.junit.runners.model

- Package: org.junit.internal.runners.rules

Stats: Total Classes: 11 Concrete Classes: 10 Abstract Classes: 1

Ca: 1 Ce: 6

A: 0.09 I: 0.86 D: 0.05

Abstract Classes: org.junit.internal.runners.rules.RuleMemberValidator\$RuleValidator

 $\label{lem:concrete} Classes: org. junit. internal. runners. rules. Rule Member Validator \\ org. junit. internal. runners. rules. Rule Member Validator \\ Builder org. junit. internal. runners. rules. Rule Member Validator \\ Field Must Be ARule org. junit. internal. runners. rules. Rule org. junit. internal. runners. rules. Rule Member Validator \\ Member Must Be Non Static Or Also Class Rule org. junit. internal. runners. rules. Rule Member Validator \\ Member Must Be Static org. junit. internal. runners. rules. \\ org. junit. internal. runners. rules. \\ Rule Member Validator \\ Member Validator \\ Member AT est Rule$

Depends Upon: java.lang java.lang.reflect java.util org.junit.rules org.junit.runners.model

Used By: org.junit.runners

- Package: org.junit.internal.runners.statements

Stats: Total Classes: 6 Concrete Classes: 6 Abstract Classes: 0

Ca: 1 Ce: 6

A: 0 I: 0.86 D: 0.14

Abstract Classes:

 $Concrete \quad Classes: \quad org. junit. internal. runners. statements. Expect Exception \\ org. junit. internal. runners. statements. Fail org. junit. internal. runners. statements. Fail On Timeout org. junit. internal. runners. statements. Invoke Method org. junit. internal. runners. statements. Run Afters org. junit. internal. runners. statements. Run Befores$

Depends Upon: java.lang java.lang.management java.util java.util.concurrent org.junit.internal org.junit.runners.model

Used By: org.junit.runners

- Package: org.junit.rules

Stats: Total Classes: 3 Concrete Classes: 1 Abstract Classes: 2

Ca: 2 Ce: 4

A: 0.67 I: 0.67 D: 0.33

Abstract Classes: org.junit.rules.MethodRule org.junit.rules.TestRule

Concrete Classes: org.junit.rules.RunRules

Depends Upon: java.lang java.util org.junit.runner org.junit.runners.model

Used By: org.junit.internal.runners.rules org.junit.runners

- Package: org.junit.runner

Stats: Total Classes: 6 Concrete Classes: 2 Abstract Classes: 4

Ca: 9 Ce: 12

A: 0.67 I: 0.57 D: 0.24

Abstract Classes: org.junit.runner.Describable org.junit.runner.Request org.junit.runner.RunWith org.junit.runner.Runner

Concrete Classes: org.junit.runner.Description org.junit.runner.Request\$1

Depends Upon: java.io java.lang java.lang.annotation java.util java.util.concurrent java.util.regex org.junit.internal.builders org.junit.internal.requests org.junit.internal.runners org.junit.runner.manipulation org.junit.runner.notification org.junit.runners.model

Used By: org.gradle.api.internal.tasks.testing.junit org.junit.internal.builders org.junit.internal.requests org.junit.internal.runners org.junit.internal.runners.model org.junit.runners.org.junit.runners.org.junit.runners.model

- Package: org.junit.runner.manipulation

Stats: Total Classes: 3 Concrete Classes: 1 Abstract Classes: 2

Ca: 5 Ce: 1

A: 0.67 I: 0.17 D: 0.17

Abstract Classes: org.junit.runner.manipulation.Filterable org.junit.runner.manipulation.Sortable

Concrete Classes: org.junit.runner.manipulation.NoTestsRemainException

Depends Upon: java.lang

Used By: org.gradle.api.internal.tasks.testing.junit org.junit.internal.requests org.junit.internal.runners org.junit.runner org.junit.runners

- Package: org.junit.runner.notification

Stats: Total Classes: 10 Concrete Classes: 8 Abstract Classes: 2

Ca: 6 Ce: 6 A: 0.2 I: 0.5 D: 0.3

 $Abstract\ Classes:\ org. junit. runner. notification. RunListener ThreadSafeorg. junit. runner. notification. RunNote the state of th$

 $Concrete \ Classes: \ org. junit.runner.notification. Failure \ org. junit.runner.notification. Run \ Notifier \ org. junit.runner.notification. Run \ Notifier \ Sample \ org. junit.runner.notification. Run \ Notifier \ Org. junit.runner.notification. Run \ Notifier \ Org. junit.runner.notification. Stopped \ By User Exception \ org. junit.runner.notification. Synchronized \ Run \ Listener.$

Depends Upon: java.io java.lang java.lang.annotation java.util java.util.concurrent org.junit.runner

Used By: org.gradle.api.internal.tasks.testing.junit org.junit.internal.builders org.junit.internal.runners org.junit.internal.runners.model org.junit.runner org.junit.runners

- Package: org.junit.runners

Stats: Total Classes: 6 Concrete Classes: 5 Abstract Classes: 1

Ca: 3 Ce: 16

A: 0.17 I: 0.84 D: 0.01

Abstract Classes: org.junit.runners.ParentRunner

Depends Upon: java.lang java.lang.annotation java.lang.reflect java.util java.util.concurrent org.junit org.junit.internal org.junit.internal.runners.model org.junit.internal.runners.rules org.junit.internal.runners.statements org.junit.rules org.junit.runner org.junit.runner.manipulation org.junit.runner.notification org.junit.runners.model org.junit.validator

Used By: org.junit.org.junit.internal.org.junit.internal.builders

- Package: org.junit.runners.model

Stats: Total Classes: 13 Concrete Classes: 8 Abstract Classes: 5

Ca: 9 Ce: 9

A: 0.38 I: 0.5 D: 0.12

Abstract Classes: org.junit.runners.model.Annotatable org.junit.runners.model.FrameworkMember org.junit.runners.model.RunnerBuilder org.junit.runners.model.RunnerScheduler org.junit.runners.model.Statement

 $\label{lem:concrete} Concrete Classes: org. junit.runners. model. Framework Field org. junit.runners. model. Framework Method org. junit.runners. model. Framework Method 1 org. junit.runners. model. Initialization Errororg. junit.runners. model. Test Class Method Comparator$

Depends Upon: java.lang java.lang.annotation java.lang.reflect java.util org.junit org.junit.internal org.junit.internal.runners org.junit.internal.runners.model org.junit.runner

Used By: org.junit.internal.builders org.junit.internal.runners org.junit.internal.runners.model org.junit.internal.runners.rules org.junit.internal.runners.statements org.junit.rules org.junit.runner org.junit.runners org.junit.validator

- Package: org.junit.validator

Stats: Total Classes: 9 Concrete Classes: 6 Abstract Classes: 3

Ca: 1 Ce: 5

A: 0.33 I: 0.83 D: 0.17

 $Abstract\ Classes:\ org. junit.validator. Annotations\ Validator\$ Annotatable\ Validator\ org. junit.validator. Validate\ With$

 $Concrete \ Classes: \ org. junit. validator. Annotation Validator Factory \ org. junit. validator. Annotations Validator \ org. junit. validator. Annotations Validator Field Validator \ org. junit. validator. Annotations Validator SMethod Validator \ org. junit. validator. Public Class Validator \ org. junit. validator. Public Class Validator \ org. junit. validator. Org. junit. Org. junit. Org. junit. Org. junit. Validator. Org. junit. Org. junit. Org. junit. Org. junit. Org$

 $\label{thm:policy} \begin{tabular}{ll} Depends Upon: java.lang java.lang.annotation java.util java.util.concurrent org.junit.runners.model \\ \end{tabular}$

Used By: org.junit.runners

- Package: org.objectweb.asm

No stats available: package referenced, but not analyzed.

• Package: org.objectweb.asm.commons

No stats available: package referenced, but not analyzed.

- Package: org.objectweb.asm.tree

No stats available: package referenced, but not analyzed.

• Package: org.slf4j

Stats: Total Classes: 3 Concrete Classes: 1 Abstract Classes: 2

Ca: 16 Ce: 6

A: 0.67 I: 0.27 D: 0.06

Abstract Classes: org.slf4j.ILoggerFactory org.slf4j.Logger

Concrete Classes: org.slf4j.LoggerFactory

Depends Upon: java.io java.lang java.net java.util org.slf4j.helpers org.slf4j.impl

Used By: org.gradle.api.internal.tasks.testing.junit org.gradle.api.internal.tasks.testing.worker org.gradle.api.logging org.gradle.internal.concurrent org.gradle.internal.jvm org.gradle.internal.nativeintegration.filesystem.services org.gradle.internal.nativeintegration.services org.gradle.logging.internal.slf4j org.gradle.messaging.remote.internal org.gradle.messaging.remote.internal.hub org.gradle.messaging.remote.internal.inet org.gradle.process.internal.child org.slf4j.bridge org.slf4j.helpers org.slf4j.impl org.slf4j.spi

- Package: org.slf4j.bridge

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 6

A: 0 I: 0.86 D: 0.14

Abstract Classes:

Concrete Classes: org.slf4j.bridge.SLF4JBridgeHandler

Depends Upon: java.lang java.text java.util java.util.logging org.slf4j org.slf4j.spi

Used By: org.gradle.logging.internal

- Package: org.slf4j.helpers

Stats: Total Classes: 2 Concrete Classes: 2 Abstract Classes: 0

Ca: 2 Ce: 4

A: 0 I: 0.67 D: 0.33

Abstract Classes:

 $Concrete\ Classes:\ org.slf4j.helpers. NOPLoggerFactory\ org.slf4j.helpers. Substitute LoggerFactory\ org.slf$

Depends Upon: java.lang java.util java.util.concurrent org.slf4j

Used By: org.gradle.logging.internal.slf4j org.slf4j

- Package: org.slf4j.impl

Stats: Total Classes: 1 Concrete Classes: 1 Abstract Classes: 0

Ca: 1 Ce: 5

A: 0 I: 0.83 D: 0.17 Abstract Classes:

Concrete Classes: org.slf4j.impl.StaticLoggerBinder

Depends Upon: java.lang org.gradle.internal org.gradle.logging.internal.slf4j

org.slf4j org.slf4j.spi

Used By: org.slf4j

- Package: org.slf4j.spi

Stats: Total Classes: 1 Concrete Classes: 0 Abstract Classes: 1

Ca: 2 Ce: 2

A: 1 I: 0.5 D: 0.5

Abstract Classes: org.slf4j.spi.LoggerFactoryBinder

Concrete Classes:

Depends Upon: java.lang org.slf4j

Used By: org.slf4j.bridge org.slf4j.impl

- Package Dependency Cycles:

com.vladium.emma.rt | |-> org.jacoco.agent.rt | org.jacoco.agent.rt.internal_b0d6a23 |-> org.jacoco.agent.rt

edu. allegheny.vanschedule | | org.junit | org.junit.runners |-> org.junit.runner.notification | org.junit.runner |-> org.junit.runner.notification

edu. allegheny.vanschedule.frontend | | edu. allegheny.vanschedule | org.junit | org.junit.runners |-> org.junit.runner.notification | org.junit.runner |-> org.junit.runner.notification

net.rubygrapefruit.platform $\mid \mid ->$ net.rubygrapefruit.platform.internal.jni \mid net.rubygrapefruit.platform.internal $\mid ->$ net.rubygrapefruit.platform.internal.jni

net.rubygrapefruit.platform.internal | | net.rubygrapefruit.platform.internal.jni |-> net.rubygrapefruit.platform.internal

net.rubygrapefruit.platform.internal.jni | | net.rubygrapefruit.platform.internal |-> net.rubygrapefruit.platform.internal.jni

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org.gradle.api.internal.tasks.testing | | org.gradle.api.internal.tasks.testing.junit
|-> org.gradle.api.internal.tasks.testing
org.gradle.api.internal.tasks.testing.junit | | org.gradle.api.internal.tasks.testing
-> org.gradle.api.internal.tasks.testing.junit
org.gradle.api.internal.tasks.testing.processors | org.gradle.api.logging |->
org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.api.internal.tasks.testing.results | |-> org.gradle.api.internal.tasks.testing
org.gradle.api.internal.tasks.testing.junit |-> org.gradle.api.internal.tasks.testing
org.gradle.api.internal.tasks.testing.worker | |-> org.gradle.api.internal.tasks.testing
org.gradle.api.internal.tasks.testing.junit |-> org.gradle.api.internal.tasks.testing
org.gradle.api.logging | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.internal.concurrent | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.internal.jvm | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.internal.nativeintegration.filesystem.services | |-> org.slf4j |
org.slf4j.helpers |-> org.slf4j
org.gradle.internal.nativeintegration.services | org.gradle.internal.service
org.gradle.internal.concurrent |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.internal.serialize | org.gradle.messaging.remote.internal
org.gradle.internal.service | org.gradle.internal.concurrent |-> org.slf4j
org.slf4j.helpers \mid -> org.slf4j
org.gradle.internal.serialize.kryo | org.gradle.internal.serialize | org.gradle.messaging.remote.internal
org.gradle.internal.service | org.gradle.internal.concurrent |-> org.slf4
org.slf4j.helpers |-> org.slf4j
org.gradle.internal.service | org.gradle.internal.concurrent |-> org.slf4j |
org.slf4j.helpers |-> org.slf4j
org.gradle.logging | org.gradle.api.logging |-> org.slf4j org.slf4j.helpers |->
org.slf4i
org.gradle.logging.internal | org.gradle.logging | org.gradle.api.logging |->
org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.logging.internal.slf4j | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.actor | org.gradle.internal.concurrent |-> org.slf4j |
org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.actor.internal \ | \ org.gradle.messaging.actor \ | \ org.gradle.internal.concurrent
|-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote | | org.gradle.internal.concurrent |-> org.slf4j |
org.slf4j.helpers |-> org.slf4j
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org.gradle.messaging.remote.internal | | org.gradle.internal.service | org.gradle.internal.concurrent
|-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote.internal.hub | | org.gradle.messaging.remote.internal
org.gradle.internal.service org.gradle.internal.concurrent -> org.slf4j
org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote.internal.hub.protocol | | org.gradle.messaging.remote.internal
org.gradle.internal.service org.gradle.internal.concurrent -> org.slf4j
org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote.internal.hub.queue | org.gradle.messaging.remote.internal.hub.protocol
org.gradle.messaging.remote.internal org.gradle.internal.service org.gradle.internal.concurrent
|-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote.internal.inet | | org.gradle.messaging.remote.internal
org.gradle.internal.service org.gradle.internal.concurrent -> org.slf4i
org.slf4j.helpers |-> org.slf4j
org.gradle.messaging.remote.internal.protocol | | org.gradle.messaging.remote.internal
org.gradle.internal.service | org.gradle.internal.concurrent |-> org.slf4j
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org.gradle.process.internal | | org.gradle.messaging.remote | org.gradle.internal.concurrent
|-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.gradle.process.internal.child | org.gradle.messaging.remote | org.gradle.internal.concurrent
|-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.jacoco.agent.rt | org.jacoco.agent.rt.internal | b0d6a23 |-> org.jacoco.agent.rt
org.jacoco.agent.rt.internal b0d6a23 | | org.jacoco.agent.rt |-> org.jacoco.agent.rt.internal b0d6a23
org.jacoco.agent.rt.internal_b0d6a23.core.instr | |-> org.jacoco.agent.rt.internal_b0d6a23.core.runtime
| org.jacoco.agent.rt.internal\_b0d6a23.core.internal.instr | -> org.jacoco.agent.rt.internal\_b0d6a23.core.runtime
org.jacoco.agent.rt.internal b0d6a23.core.internal.instr | org.jacoco.agent.rt.internal b0d6a23.core.runtime
-> org.jacoco.agent.rt.internal b0d6a23.core.internal.instr
org.jacoco.agent.rt.internal\_b0d6a23.core.runtime \mid \mid org.jacoco.agent.rt.internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal\_b0d6a23.core.internal.instructural internal.instructural internal.ins
-> org.jacoco.agent.rt.internal b0d6a23.core.runtime
org.jacoco.agent.rt.internal\_b0d6a23.output \mid |-> org.jacoco.agent.rt.internal\_b0d6a23.output | |-> org.jacoco.agent.rt.internal\_b0d6a23.output 
org.jacoco.agent.rt |-> org.jacoco.agent.rt.internal b0d6a23
org.junit | org.junit.runners |-> org.junit.runner.notification | org.junit.runner
|-> org.junit.runner.notification
org.junit.internal | org.junit.runners |-> org.junit.runner.notification |
org.junit.runner |-> org.junit.runner.notification
org.junit.internal.builders | |-> org.junit.runner.notification | org.junit.runner
|-> org.junit.runner.notification
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org.junit.internal.requests | |-> org.junit.runner | org.junit.runner.notification
|-> org.junit.runner
org.junit.internal.runners | |-> org.junit.runner.notification | org.junit.runner |->
org.junit.runner.notification
org.junit.internal.runners.model | | org.junit.runners.model |-> org.junit.runner |
org.junit.runner.notification |-> org.junit.runner
org.junit.internal.runners.rules | org.junit.runners.model |-> org.junit.runner |
org.junit.runner.notification |-> org.junit.runner
org.junit.internal.runners.statements | | org.junit.runners.model |-> org.junit.runner
| org.junit.runner.notification |-> org.junit.runner
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org.junit.runner.notification | org.junit.runner |-> org.junit.runner.notification
org.junit.runners | |-> org.junit.runner.notification | org.junit.runner |->
org.junit.runner.notification
org.junit.runners.model | |-> org.junit.runner | org.junit.runner.notification |->
org.junit.runner
org.junit.validator | org.junit.runners.model |-> org.junit.runner |
org.junit.runner.notification |-> org.junit.runner
org.slf4j | org.slf4j.helpers |-> org.slf4j
org.slf4j.bridge | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
org.slf4j.helpers | | org.slf4j |-> org.slf4j.helpers
org.slf4j.impl | | org.gradle.logging.internal.slf4j |-> org.slf4j | org.slf4j.helpers
-> org.slf4j
org.slf4j.spi | |-> org.slf4j | org.slf4j.helpers |-> org.slf4j
                                   - Summary:
```

Name, Class Count, Abstract Class Count, Ca, Ce, A, I, D, V:

 $com.esotericsoftware.kryo.1o,2,1,0,0.33,0.67,1\ com.esotericsoftware.kryo.io,2,0,1,3,0,0.75,0.25,1\ com.google.api.client.auth.oauth2,0,0,1,0,0,0,1,1\ com.google.api.client.extensions.java6.auth.oauth2,0,0,1,0,0,0,1,1\ com.google.api.client.googleapis.auth.oauth2,0,0,1,0,0,0,1,1\ com.google.api.client.googleapis.javanet,0,0,1,0,0,0,1,1\ com.google.api.client.googleapis.javanet,0,0,1,0,0,0,1,1\ com.google.api.client.googleapis.javanet,0,0,1,0,0,0,1,1\ com.google.api.client.json,0,0,1,0,0,0,1,1\ com.google.api.client.json,0,0,1,0,0,0,1,1\ com.google.api.client.json,0,0,1,0,0,0,1,1\ com.google.api.client.json,0,0,1,0,0,0,1,1\ com.google.api.client.util,0,0,1,0,0,0,1,1\ com.g$

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com.google.api.client.util.store, 0, 0, 1, 0, 0, 0, 1, 1 com.google.api.services.calendar, 0, 0, 1, 0, 0, 0, 1, 1
com.google.api.services.script.model, 0, 0, 1, 0, 0, 0, 1, 1 com.google.common.base, 10, 3, 4, 3, 0.3, 0.43, 0.27, 1
com.google.maps, 0, 0, 1, 0, 0, 0, 1, 1
                                    com.google.maps.model, 0, 0, 1, 0, 0, 0, 1, 1
com.vladium.emma.rt, 1,0,0,3,0,1,0,1 edu. allegheny. vanschedule, 21,0,1,5,0,0.83,0.17,1
edu. allegheny. vanschedule. frontend, 10,0,1,26,0,0.96,0.04,1 jarjar. org. gradle. process. internal. child, 0,0,1,0,0,0,1,1
jarjar.org.gradle.process.internal.launcher, 1,0,0,7,0,1,0,1 java.io, 0,0,51,0,0,0,1,1
java.lang,0,0,95,0,0,0,1,1 java.lang.annotation,0,0,8,0,0,0,1,1 java.lang.instrument,0,0,2,0,0,0,1,1
java.lang.management, 0, 0, 2, 0, 0, 0, 1, 1 java.lang.ref, 0, 0, 1, 0, 0, 0, 1, 1 java.lang.reflect, 0, 0, 20, 0, 0, 0, 1, 1
java.net, 0, 0, 10, 0, 0, 0, 1, 1 java.nio, 0, 0, 1, 0, 0, 0, 1, 1 java.nio.channels, 0, 0, 3, 0, 0, 0, 1, 1
java.security, 0, 0, 3, 0, 0, 0, 1, 1 \quad java.text, 0, 0, 3, 0, 0, 0, 1, 1 \quad java.util, 0, 0, 54, 0, 0, 0, 1, 1 \\
java.util.concurrent,0,0,17,0,0,0,1,1 java.util.concurrent.atomic,0,0,6,0,0,0,1,1
java.util.regex,0,0,6,0,0,0,1,1 java.util.zip,0,0,1,0,0,0,1,1 javax.mail,0,0,1,0,0,0,1,1
javax.mail.internet, 0, 0, 1, 0, 0, 0, 1, 1
                                  javax.management, 0, 0, 1, 0, 0, 0, 1, 1
nit.extensions, 0, 0, 1, 0, 0, 0, 1, 1 junit.framework, 3, 2, 2, 2, 0.67, 0.5, 0.17, 1 net.rubygrapefruit.platform, 9, 6, 3, 5, 0.67, 0.62, 6
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