4.10.1

* Docs  
  [User Manual](http://docs.google.com/userguide/userguide.html)  
  [Guides and Tutorials](https://guides.gradle.org)  
  [DSL Reference](http://docs.google.com/dsl/)  
  [Javadoc](http://docs.google.com/javadoc/)  
  [Release Notes](http://docs.google.com/release-notes.html)
* [Forums](https://discuss.gradle.org/)
* [Training](https://gradle.org/training/)
* [Try Gradle Enterprise](https://gradle.com/enterprise)
* [User Manual Home](http://docs.google.com/userguide/userguide.html)
* [DSL Reference Home](http://docs.google.com/dsl/)
* [Release Notes](http://docs.google.com/release-notes.html)
  + [Properties](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#N22746)
  + [Methods](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#N2281C)
  + [Script blocks](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#N2289B)

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* [artifacts { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:artifacts(groovy.lang.Closure))
* [buildscript { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:buildscript(groovy.lang.Closure))
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* [sourceSets { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:sourceSets(groovy.lang.Closure))
* [subprojects { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:subprojects(groovy.lang.Closure))
* [publishing { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:publishing(groovy.lang.Closure))

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* [Settings](http://docs.google.com/org.gradle.api.initialization.Settings.html)
* [IncludedBuild](http://docs.google.com/org.gradle.api.initialization.IncludedBuild.html)
* [Script](http://docs.google.com/org.gradle.api.Script.html)
* [JavaToolChain](http://docs.google.com/org.gradle.jvm.toolchain.JavaToolChain.html)
* [SourceSet](http://docs.google.com/org.gradle.api.tasks.SourceSet.html)
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* [ComponentSelectionRules](http://docs.google.com/org.gradle.api.artifacts.ComponentSelectionRules.html)
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* [PluginDependenciesSpec](http://docs.google.com/org.gradle.plugin.use.PluginDependenciesSpec.html)
* [PluginDependencySpec](http://docs.google.com/org.gradle.plugin.use.PluginDependencySpec.html)
* [PluginManagementSpec](http://docs.google.com/org.gradle.plugin.management.PluginManagementSpec.html)
* [ResourceHandler](http://docs.google.com/org.gradle.api.resources.ResourceHandler.html)
* [TextResourceFactory](http://docs.google.com/org.gradle.api.resources.TextResourceFactory.html)

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* [IvyPublication](http://docs.google.com/org.gradle.api.publish.ivy.IvyPublication.html)
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* [IvyModuleDescriptorLicense](http://docs.google.com/org.gradle.api.publish.ivy.IvyModuleDescriptorLicense.html)
* [IvyModuleDescriptorDescription](http://docs.google.com/org.gradle.api.publish.ivy.IvyModuleDescriptorDescription.html)
* [MavenPublication](http://docs.google.com/org.gradle.api.publish.maven.MavenPublication.html)
* [MavenArtifact](http://docs.google.com/org.gradle.api.publish.maven.MavenArtifact.html)
* [MavenArtifactSet](http://docs.google.com/org.gradle.api.publish.maven.MavenArtifactSet.html)
* [MavenPom](http://docs.google.com/org.gradle.api.publish.maven.MavenPom.html)
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* [MavenPomContributor](http://docs.google.com/org.gradle.api.publish.maven.MavenPomContributor.html)
* [MavenPomContributorSpec](http://docs.google.com/org.gradle.api.publish.maven.MavenPomContributorSpec.html)
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* [ArtifactHandler](http://docs.google.com/org.gradle.api.artifacts.dsl.ArtifactHandler.html)

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* [BuildCacheConfiguration](http://docs.google.com/org.gradle.caching.configuration.BuildCacheConfiguration.html)
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* [InputNormalizationHandler](http://docs.google.com/org.gradle.normalization.InputNormalizationHandler.html)
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* [TaskReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.TaskReportTask.html)
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* [DependencyReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyReportTask.html)
* [DependencyInsightReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyInsightReportTask.html)
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* [ComponentReport](http://docs.google.com/org.gradle.api.reporting.components.ComponentReport.html)
* [DependentComponentsReport](http://docs.google.com/org.gradle.api.reporting.dependents.DependentComponentsReport.html)
* [ModelReport](http://docs.google.com/org.gradle.api.reporting.model.ModelReport.html)

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* [AntlrTask](http://docs.google.com/org.gradle.api.plugins.antlr.AntlrTask.html)
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* [FindBugsXmlReport](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsXmlReport.html)
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* [Reporting](http://docs.google.com/org.gradle.api.reporting.Reporting.html)
* [ReportContainer](http://docs.google.com/org.gradle.api.reporting.ReportContainer.html)
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* [EclipseProject](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseProject.html)
* [EclipseClasspath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)
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* [IdeaProject](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html)
* [IdeaModule](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaModule.html)
* [IdeaWorkspace](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaWorkspace.html)
* [XmlFileContentMerger](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html)
* [FileContentMerger](http://docs.google.com/org.gradle.plugins.ide.api.FileContentMerger.html)

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* [GenerateEclipseClasspath](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseClasspath.html)
* [GenerateEclipseJdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseJdt.html)
* [GenerateEclipseWtpComponent](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseWtpComponent.html)
* [GenerateEclipseWtpFacet](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseWtpFacet.html)
* [GenerateIdeaModule](http://docs.google.com/org.gradle.plugins.ide.idea.GenerateIdeaModule.html)
* [GenerateIdeaProject](http://docs.google.com/org.gradle.plugins.ide.idea.GenerateIdeaProject.html)
* [GenerateIdeaWorkspace](http://docs.google.com/org.gradle.plugins.ide.idea.GenerateIdeaWorkspace.html)

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* [PrebuiltStaticLibraryBinary](http://docs.google.com/org.gradle.nativeplatform.PrebuiltStaticLibraryBinary.html)
* [NativeComponentSpec](http://docs.google.com/org.gradle.nativeplatform.NativeComponentSpec.html)
* [NativeExecutableSpec](http://docs.google.com/org.gradle.nativeplatform.NativeExecutableSpec.html)
* [NativeLibrarySpec](http://docs.google.com/org.gradle.nativeplatform.NativeLibrarySpec.html)
* [NativeTestSuiteSpec](http://docs.google.com/org.gradle.nativeplatform.test.NativeTestSuiteSpec.html)
* [CUnitTestSuiteSpec](http://docs.google.com/org.gradle.nativeplatform.test.cunit.CUnitTestSuiteSpec.html)
* [GoogleTestTestSuiteSpec](http://docs.google.com/org.gradle.nativeplatform.test.googletest.GoogleTestTestSuiteSpec.html)
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* [CUnitTestSuiteBinarySpec](http://docs.google.com/org.gradle.nativeplatform.test.cunit.CUnitTestSuiteBinarySpec.html)
* [GoogleTestTestSuiteBinarySpec](http://docs.google.com/org.gradle.nativeplatform.test.googletest.GoogleTestTestSuiteBinarySpec.html)
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* [WindowsResourceSet](http://docs.google.com/org.gradle.language.rc.WindowsResourceSet.html)
* [VisualStudioProject](http://docs.google.com/org.gradle.ide.visualstudio.VisualStudioProject.html)
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* [Assemble](http://docs.google.com/org.gradle.language.assembler.tasks.Assemble.html)
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* [ObjectiveCppCompile](http://docs.google.com/org.gradle.language.objectivecpp.tasks.ObjectiveCppCompile.html)
* [WindowsResourceCompile](http://docs.google.com/org.gradle.language.rc.tasks.WindowsResourceCompile.html)
* [LinkExecutable](http://docs.google.com/org.gradle.nativeplatform.tasks.LinkExecutable.html)
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FindBugs

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| --- | --- |

Analyzes code with [FindBugs](http://findbugs.sourceforge.net). See the [FindBugs Manual](http://findbugs.sourceforge.net/manual/) for additional information on configuration options.

Properties

| Property | Description |
| --- | --- |
| [classes](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:classes) | The class directories to be analyzed. |
| [classpath](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:classpath) | Compile class path for the classes to be analyzed. The classes on this class path are used during analysis but aren't analyzed themselves. |
| [effort](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:effort) | The analysis effort level. The value specified should be one of min, default, or max. Higher levels increase precision and find more bugs at the expense of running time and memory consumption. |
| [excludeFilter](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:excludeFilter) | The filename of a filter specifying bugs to exclude from being reported. |
| [excludeFilterConfig](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:excludeFilterConfig) | Incubating  A filter specifying bugs to exclude from being reported. Replaces the excludeFilter property. |
| [excludes](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:excludes) | The set of exclude patterns. |
| [findbugsClasspath](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:findbugsClasspath) | Class path holding the FindBugs library. |
| [ignoreFailures](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:ignoreFailures) | Whether to allow the build to continue if there are warnings. |
| [includeFilter](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:includeFilter) | The filename of a filter specifying which bugs are reported. |
| [includeFilterConfig](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:includeFilterConfig) | Incubating  A filter specifying which bugs are reported. Replaces the includeFilter property. |
| [includes](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:includes) | The set of include patterns. |
| [maxHeapSize](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:maxHeapSize) | The maximum heap size for the forked findbugs process (ex: '1g'). |
| [omitVisitors](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:omitVisitors) | Similar to visitors except that it specifies bug detectors which should not be run. By default, no visitors are omitted. |
| [pluginClasspath](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:pluginClasspath) | Class path holding any additional FindBugs plugins. |
| [reportLevel](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:reportLevel) | The priority threshold for reporting bugs. If set to low, all bugs are reported. If set to medium (the default), medium and high priority bugs are reported. If set to high, only high priority bugs are reported. |
| [reports](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:reports) | The reports to be generated by this task. |
| [showProgress](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:showProgress) | Indicates whether analysis progress should be rendered on standard output. Defaults to false. |
| [source](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:source) | The source for this task, after the include and exclude patterns have been applied. Ignores source files which do not exist. |
| [visitors](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:visitors) | The bug detectors which should be run. The bug detectors are specified by their class names, without any package qualification. By default, all detectors which are not disabled by default are run. |

Methods

| Method | Description |
| --- | --- |
| [exclude](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:exclude(groovy.lang.Closure))(excludeSpec) | Adds an exclude spec. This method may be called multiple times to append new specs.The given closure is passed a [FileTreeElement](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html) as its parameter. The closure should return true or false. Example: |
| [exclude](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:exclude(java.lang.Iterable))(excludes) | Adds an ANT style exclude pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed. |
| [exclude](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:exclude(java.lang.String%5B%5D))(excludes) | Adds an ANT style exclude pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed. |
| [exclude](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:exclude(org.gradle.api.specs.Spec))(excludeSpec) | Adds an exclude spec. This method may be called multiple times to append new specs. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed. |
| [include](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:include(groovy.lang.Closure))(includeSpec) | Adds an include spec. This method may be called multiple times to append new specs. The given closure is passed a [FileTreeElement](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html) as its parameter. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns or specs to be included. |
| [include](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:include(java.lang.Iterable))(includes) | Adds an ANT style include pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns to be processed. |
| [include](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:include(java.lang.String%5B%5D))(includes) | Adds an ANT style include pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns to be processed. |
| [include](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:include(org.gradle.api.specs.Spec))(includeSpec) | Adds an include spec. This method may be called multiple times to append new specs. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns or specs to be included. |
| [reports](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:reports(org.gradle.api.Action))(configureAction) | Configures the reports to be generated by this task. The contained reports can be configured by name and closures. Example: |
| [source](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:source(java.lang.Object%5B%5D))(sources) | Adds some source to this task. The given source objects will be evaluated as per [Project.files(java.lang.Object[])](http://docs.google.com/dsl/org.gradle.api.Project.html#org.gradle.api.Project:files(java.lang.Object%5B%5D)). |

Script blocks

| Block | Description |
| --- | --- |
| [reports](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:reports(groovy.lang.Closure)) | Configures the reports to be generated by this task. The contained reports can be configured by name and closures. Example: |

Property details

[**FileCollection**](http://docs.google.com/javadoc/org/gradle/api/file/FileCollection.html) classes

The class directories to be analyzed.

Default with findbugs plugin:*sourceSet*.output.classesDirs

[**FileCollection**](http://docs.google.com/javadoc/org/gradle/api/file/FileCollection.html) classpath

Compile class path for the classes to be analyzed. The classes on this class path are used during analysis but aren't analyzed themselves.

Default with findbugs plugin:*sourceSet*.compileClasspath

[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html) effort

The analysis effort level. The value specified should be one of min, default, or max. Higher levels increase precision and find more bugs at the expense of running time and memory consumption.

Default with findbugs plugin:project.findbugs.effort

[**File**](http://download.oracle.com/javase/8/docs/api/java/io/File.html) excludeFilter

The filename of a filter specifying bugs to exclude from being reported.

Default with findbugs plugin:project.findbugs.excludeFilter

[**TextResource**](http://docs.google.com/dsl/org.gradle.api.resources.TextResource.html) excludeFilterConfig

Note: This property is [incubating](http://docs.google.com/userguide/feature_lifecycle.html) and may change in a future version of Gradle.

A filter specifying bugs to exclude from being reported. Replaces the excludeFilter property.

Default with findbugs plugin:project.findbugs.excludeFilterConfig

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> excludes

The set of exclude patterns.

[**FileCollection**](http://docs.google.com/javadoc/org/gradle/api/file/FileCollection.html) findbugsClasspath

Class path holding the FindBugs library.

Default with findbugs plugin:project.configurations.findbugs

boolean ignoreFailures

Whether to allow the build to continue if there are warnings.

Default with findbugs plugin:project.findbugs.ignoreFailures

[**File**](http://download.oracle.com/javase/8/docs/api/java/io/File.html) includeFilter

The filename of a filter specifying which bugs are reported.

Default with findbugs plugin:project.findbugs.includeFilter

[**TextResource**](http://docs.google.com/dsl/org.gradle.api.resources.TextResource.html) includeFilterConfig

Note: This property is [incubating](http://docs.google.com/userguide/feature_lifecycle.html) and may change in a future version of Gradle.

A filter specifying which bugs are reported. Replaces the includeFilter property.

Default with findbugs plugin:project.findbugs.includeFilterConfig

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> includes

The set of include patterns.

[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html) maxHeapSize

The maximum heap size for the forked findbugs process (ex: '1g').

Default with findbugs plugin:null

[**Collection**](http://download.oracle.com/javase/8/docs/api/java/util/Collection.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> omitVisitors

Similar to visitors except that it specifies bug detectors which should not be run. By default, no visitors are omitted.

Default with findbugs plugin:project.findbugs.omitVisitors

[**FileCollection**](http://docs.google.com/javadoc/org/gradle/api/file/FileCollection.html) pluginClasspath

Class path holding any additional FindBugs plugins.

Default with findbugs plugin:project.configurations.findbugsPlugins

[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html) reportLevel

The priority threshold for reporting bugs. If set to low, all bugs are reported. If set to medium (the default), medium and high priority bugs are reported. If set to high, only high priority bugs are reported.

Default with findbugs plugin:project.findbugs.reportLevel

[**FindBugsReports**](http://docs.google.com/javadoc/org/gradle/api/plugins/quality/FindBugsReports.html) reports (read-only)

The reports to be generated by this task.

boolean showProgress

Indicates whether analysis progress should be rendered on standard output. Defaults to false.

Default with findbugs plugin:project.findbugs.showProgress

[**FileTree**](http://docs.google.com/javadoc/org/gradle/api/file/FileTree.html) source (read-only)

The source for this task, after the include and exclude patterns have been applied. Ignores source files which do not exist.

Default with findbugs plugin:*sourceSet*.allJava

[**Collection**](http://download.oracle.com/javase/8/docs/api/java/util/Collection.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> visitors

The bug detectors which should be run. The bug detectors are specified by their class names, without any package qualification. By default, all detectors which are not disabled by default are run.

Default with findbugs plugin:project.findbugs.visitors

Method details

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) exclude([**Closure**](http://docs.groovy-lang.org/2.4.15/html/gapi/groovy/lang/Closure.html) excludeSpec)

Adds an exclude spec. This method may be called multiple times to append new specs.The given closure is passed a [FileTreeElement](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html) as its parameter. The closure should return true or false. Example:

copySpec {  
 from 'source'  
 into 'destination'  
 //an example of excluding files from certain configuration:  
 exclude { it.file in configurations.someConf.files }  
}

If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) exclude([**Iterable**](http://download.oracle.com/javase/8/docs/api/java/lang/Iterable.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> excludes)

Adds an ANT style exclude pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) exclude([**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)... excludes)

Adds an ANT style exclude pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) exclude([**Spec**](http://docs.google.com/javadoc/org/gradle/api/specs/Spec.html)<[**FileTreeElement**](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html)> excludeSpec)

Adds an exclude spec. This method may be called multiple times to append new specs. If excludes are not provided, then no files will be excluded. If excludes are provided, then files must not match any exclude pattern to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) include([**Closure**](http://docs.groovy-lang.org/2.4.15/html/gapi/groovy/lang/Closure.html) includeSpec)

Adds an include spec. This method may be called multiple times to append new specs. The given closure is passed a [FileTreeElement](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html) as its parameter. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns or specs to be included.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) include([**Iterable**](http://download.oracle.com/javase/8/docs/api/java/lang/Iterable.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> includes)

Adds an ANT style include pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) include([**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)... includes)

Adds an ANT style include pattern. This method may be called multiple times to append new patterns and multiple patterns may be specified in a single call. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns to be processed.

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) include([**Spec**](http://docs.google.com/javadoc/org/gradle/api/specs/Spec.html)<[**FileTreeElement**](http://docs.google.com/javadoc/org/gradle/api/file/FileTreeElement.html)> includeSpec)

Adds an include spec. This method may be called multiple times to append new specs. If includes are not provided, then all files in this container will be included. If includes are provided, then a file must match at least one of the include patterns or specs to be included.

[**FindBugsReports**](http://docs.google.com/javadoc/org/gradle/api/plugins/quality/FindBugsReports.html) reports([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**FindBugsReports**](http://docs.google.com/javadoc/org/gradle/api/plugins/quality/FindBugsReports.html)> configureAction)

Configures the reports to be generated by this task. The contained reports can be configured by name and closures. Example:

findbugsTask {  
 reports {  
 xml {  
 destination "build/findbugs.xml"  
 }  
 }  
}

[**SourceTask**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceTask.html) source([**Object**](http://download.oracle.com/javase/8/docs/api/java/lang/Object.html)... sources)

Adds some source to this task. The given source objects will be evaluated as per [Project.files(java.lang.Object[])](http://docs.google.com/dsl/org.gradle.api.Project.html#org.gradle.api.Project:files(java.lang.Object%5B%5D)).

Script block details

reports { }

Configures the reports to be generated by this task. The contained reports can be configured by name and closures. Example:

findbugsTask {  
 reports {  
 xml {  
 destination "build/findbugs.xml"  
 }  
 }  
}

Delegates to:[FindBugsReports](http://docs.google.com/javadoc/org/gradle/api/plugins/quality/FindBugsReports.html) from [reports](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html#org.gradle.api.plugins.quality.FindBugs:reports)

**Docs**

* [User Manual](http://docs.google.com/userguide/userguide.html)
* [DSL Reference](http://docs.google.com/dsl/)
* [Release Notes](http://docs.google.com/release-notes.html)
* [Javadoc](http://docs.google.com/javadoc/)

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