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.tasks.javadoc.Groovydoc.html#N2394B)
  + [Methods](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#N239F6)

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

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* [IncludedBuild](http://docs.google.com/org.gradle.api.initialization.IncludedBuild.html)
* [Script](http://docs.google.com/org.gradle.api.Script.html)
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* [ExtraPropertiesExtension](http://docs.google.com/org.gradle.api.plugins.ExtraPropertiesExtension.html)
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* [PluginDependencySpec](http://docs.google.com/org.gradle.plugin.use.PluginDependencySpec.html)
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* [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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* [IvyArtifact](http://docs.google.com/org.gradle.api.publish.ivy.IvyArtifact.html)
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* [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)
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* [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)
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* [BuildEnvironmentReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.BuildEnvironmentReportTask.html)
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* [SingleFileReport](http://docs.google.com/org.gradle.api.reporting.SingleFileReport.html)
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* [FindBugsXmlReport](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsXmlReport.html)
* [Report](http://docs.google.com/org.gradle.api.reporting.Report.html)
* [Reporting](http://docs.google.com/org.gradle.api.reporting.Reporting.html)
* [ReportContainer](http://docs.google.com/org.gradle.api.reporting.ReportContainer.html)
* [ReportingExtension](http://docs.google.com/org.gradle.api.reporting.ReportingExtension.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)
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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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* [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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Groovydoc

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| --- | --- |

Generates HTML API documentation for Groovy source, and optionally, Java source.

This task uses Groovy's Groovydoc tool to generate the API documentation. Please note that the Groovydoc tool has some limitations at the moment. The version of the Groovydoc that is used, is the one from the Groovy dependency defined in the build script.

Properties

| Property | Description |
| --- | --- |
| [classpath](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:classpath) | The classpath used to locate classes referenced by the documented sources. |
| [destinationDir](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:destinationDir) | The directory to generate the documentation into. |
| [docTitle](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:docTitle) | The title for the package index(first) page. Set to null when there is no document title. |
| [excludes](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:excludes) | The set of exclude patterns. |
| [footer](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:footer) | The HTML footer for each page. Set to null when there is no footer. |
| [groovyClasspath](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:groovyClasspath) | The classpath containing the Groovy library to be used. |
| [header](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:header) | The HTML header for each page. Set to null when there is no header. |
| [includePrivate](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:includePrivate) | Whether to include all classes and members (i.e. including private ones). |
| [includes](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:includes) | The set of include patterns. |
| [links](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:links) | The links to groovydoc/javadoc output at the given URL. |
| [noTimestamp](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:noTimestamp) | Whether to include timestamp within hidden comment in generated HTML (Groovy >= 2.4.6). |
| [noVersionStamp](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:noVersionStamp) | Whether to include version stamp within hidden comment in generated HTML (Groovy >= 2.4.6). |
| [overviewText](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:overviewText) | Returns a HTML text to be used for overview documentation. Set to null when there is no overview text. |
| [source](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:source) | The source for this task, after the include and exclude patterns have been applied. Ignores source files which do not exist. |
| [use](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:use) | Whether to create class and package usage pages. |
| [windowTitle](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:windowTitle) | The browser window title for the documentation. Set to null when there is no window title. |

Methods

| Method | Description |
| --- | --- |
| [exclude](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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. |
| [link](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc:link(java.lang.String,%20java.lang.String%5B%5D))(url, packages) | Add links to groovydoc/javadoc output at the given URL. |
| [source](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html#org.gradle.api.tasks.javadoc.Groovydoc: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

No script blocks

Property details

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

The classpath used to locate classes referenced by the documented sources.

Default with groovy plugin:sourceSets.main.output + sourceSets.main.compileClasspath

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

The directory to generate the documentation into.

Default with groovy plugin:*${project.docsDir}*/groovydoc

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

The title for the package index(first) page. Set to null when there is no document title.

Default with groovy plugin:project.reporting.apiDocTitle

[**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.

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

The HTML footer for each page. Set to null when there is no footer.

Default with groovy plugin:null

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

The classpath containing the Groovy library to be used.

Default with groovy plugin:project.configurations.groovy

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

The HTML header for each page. Set to null when there is no header.

Default with groovy plugin:null

boolean includePrivate

Whether to include all classes and members (i.e. including private ones).

Default with groovy plugin:false

[**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.

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**Link**](http://docs.google.com/javadoc/org/gradle/api/tasks/javadoc/Groovydoc.Link.html)> links

The links to groovydoc/javadoc output at the given URL.

Default with groovy plugin:[]

boolean noTimestamp

Whether to include timestamp within hidden comment in generated HTML (Groovy >= 2.4.6).

Default with groovy plugin:false

boolean noVersionStamp

Whether to include version stamp within hidden comment in generated HTML (Groovy >= 2.4.6).

Default with groovy plugin:false

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

Returns a HTML text to be used for overview documentation. Set to null when there is no overview text.

Default with groovy plugin:null

[**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 groovy plugin:sourceSets.main.groovy

boolean use

Whether to create class and package usage pages.

Default with groovy plugin:false

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

The browser window title for the documentation. Set to null when there is no window title.

Default with groovy plugin:project.reporting.apiDocTitle

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.

void link([**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html) url, [**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)... packages)

Add links to groovydoc/javadoc output at the given URL.

[**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)).

**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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