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.GradleBuild.html#N22D56)

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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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* [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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* [Project](http://docs.google.com/org.gradle.api.Project.html)
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* [Gradle](http://docs.google.com/org.gradle.api.invocation.Gradle.html)
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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)
* [JavaToolChain](http://docs.google.com/org.gradle.jvm.toolchain.JavaToolChain.html)
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* [IncrementalTaskInputs](http://docs.google.com/org.gradle.api.tasks.incremental.IncrementalTaskInputs.html)
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* [ResolutionStrategy](http://docs.google.com/org.gradle.api.artifacts.ResolutionStrategy.html)
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* [ComponentSelectionRules](http://docs.google.com/org.gradle.api.artifacts.ComponentSelectionRules.html)
* [ExtensionAware](http://docs.google.com/org.gradle.api.plugins.ExtensionAware.html)
* [ExtraPropertiesExtension](http://docs.google.com/org.gradle.api.plugins.ExtraPropertiesExtension.html)
* [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)
* [IvyArtifact](http://docs.google.com/org.gradle.api.publish.ivy.IvyArtifact.html)
* [IvyArtifactSet](http://docs.google.com/org.gradle.api.publish.ivy.IvyArtifactSet.html)
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* [MavenArtifact](http://docs.google.com/org.gradle.api.publish.maven.MavenArtifact.html)
* [MavenArtifactSet](http://docs.google.com/org.gradle.api.publish.maven.MavenArtifactSet.html)
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* [TaskReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.TaskReportTask.html)
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* [AntlrTask](http://docs.google.com/org.gradle.api.plugins.antlr.AntlrTask.html)
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* [Checkstyle](http://docs.google.com/org.gradle.api.plugins.quality.Checkstyle.html)
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* [GenerateEclipseJdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseJdt.html)
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* [GenerateIdeaProject](http://docs.google.com/org.gradle.plugins.ide.idea.GenerateIdeaProject.html)
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GradleBuild

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| API Documentation: | [GradleBuild](http://docs.google.com/javadoc/org/gradle/api/tasks/GradleBuild.html) |
| --- | --- |

Executes a Gradle build.

Properties

| Property | Description |
| --- | --- |
| [buildFile](http://docs.google.com/org.gradle.api.tasks.GradleBuild.html#org.gradle.api.tasks.GradleBuild:buildFile) | The build file that should be used for this build. Defaults to build.gradle in the project directory. |
| [dir](http://docs.google.com/org.gradle.api.tasks.GradleBuild.html#org.gradle.api.tasks.GradleBuild:dir) | The project directory for the build. Defaults to the project directory. |
| [startParameter](http://docs.google.com/org.gradle.api.tasks.GradleBuild.html#org.gradle.api.tasks.GradleBuild:startParameter) | The full set of parameters that will be used to execute the build. |
| [tasks](http://docs.google.com/org.gradle.api.tasks.GradleBuild.html#org.gradle.api.tasks.GradleBuild:tasks) | The tasks that should be executed for this build. |

Methods

No methods

Script blocks

No script blocks

Property details

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

The build file that should be used for this build. Defaults to build.gradle in the project directory.

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

The project directory for the build. Defaults to the project directory.

[**StartParameter**](http://docs.google.com/javadoc/org/gradle/StartParameter.html) startParameter

The full set of parameters that will be used to execute the build.

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

The tasks that should be executed for this build.

**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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