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.plugins.ide.idea.model.IdeaProject.html#N13CC9)
  + [Methods](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13D30)
  + [Script blocks](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13D46)

### Build script blocks

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

### Core types

* [Project](http://docs.google.com/org.gradle.api.Project.html)
* [Task](http://docs.google.com/org.gradle.api.Task.html)
* [Gradle](http://docs.google.com/org.gradle.api.invocation.Gradle.html)
* [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)
* [SourceSetOutput](http://docs.google.com/org.gradle.api.tasks.SourceSetOutput.html)
* [SourceDirectorySet](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html)
* [IncrementalTaskInputs](http://docs.google.com/org.gradle.api.tasks.incremental.IncrementalTaskInputs.html)
* [Configuration](http://docs.google.com/org.gradle.api.artifacts.Configuration.html)
* [ResolutionStrategy](http://docs.google.com/org.gradle.api.artifacts.ResolutionStrategy.html)
* [ArtifactResolutionQuery](http://docs.google.com/org.gradle.api.artifacts.query.ArtifactResolutionQuery.html)
* [ComponentSelection](http://docs.google.com/org.gradle.api.artifacts.ComponentSelection.html)
* [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)

### Publishing types

* [PublishingExtension](http://docs.google.com/org.gradle.api.publish.PublishingExtension.html)
* [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)
* [IvyModuleDescriptorSpec](http://docs.google.com/org.gradle.api.publish.ivy.IvyModuleDescriptorSpec.html)
* [IvyModuleDescriptorAuthor](http://docs.google.com/org.gradle.api.publish.ivy.IvyModuleDescriptorAuthor.html)
* [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)
* [MavenPomCiManagement](http://docs.google.com/org.gradle.api.publish.maven.MavenPomCiManagement.html)
* [MavenPomContributor](http://docs.google.com/org.gradle.api.publish.maven.MavenPomContributor.html)
* [MavenPomContributorSpec](http://docs.google.com/org.gradle.api.publish.maven.MavenPomContributorSpec.html)
* [MavenPomDeveloper](http://docs.google.com/org.gradle.api.publish.maven.MavenPomDeveloper.html)
* [MavenPomDeveloperSpec](http://docs.google.com/org.gradle.api.publish.maven.MavenPomDeveloperSpec.html)
* [MavenPomDistributionManagement](http://docs.google.com/org.gradle.api.publish.maven.MavenPomDistributionManagement.html)
* [MavenPomIssueManagement](http://docs.google.com/org.gradle.api.publish.maven.MavenPomIssueManagement.html)
* [MavenPomLicense](http://docs.google.com/org.gradle.api.publish.maven.MavenPomLicense.html)
* [MavenPomLicenseSpec](http://docs.google.com/org.gradle.api.publish.maven.MavenPomLicenseSpec.html)
* [MavenPomMailingList](http://docs.google.com/org.gradle.api.publish.maven.MavenPomMailingList.html)
* [MavenPomMailingListSpec](http://docs.google.com/org.gradle.api.publish.maven.MavenPomMailingListSpec.html)
* [MavenPomOrganization](http://docs.google.com/org.gradle.api.publish.maven.MavenPomOrganization.html)
* [MavenPomRelocation](http://docs.google.com/org.gradle.api.publish.maven.MavenPomRelocation.html)
* [MavenPomScm](http://docs.google.com/org.gradle.api.publish.maven.MavenPomScm.html)

### Container types

* [TaskContainer](http://docs.google.com/org.gradle.api.tasks.TaskContainer.html)
* [ConfigurationContainer](http://docs.google.com/org.gradle.api.artifacts.ConfigurationContainer.html)
* [RepositoryHandler](http://docs.google.com/org.gradle.api.artifacts.dsl.RepositoryHandler.html)
* [DependencyHandler](http://docs.google.com/org.gradle.api.artifacts.dsl.DependencyHandler.html)
* [ArtifactHandler](http://docs.google.com/org.gradle.api.artifacts.dsl.ArtifactHandler.html)

### Build Cache types

* [BuildCacheConfiguration](http://docs.google.com/org.gradle.caching.configuration.BuildCacheConfiguration.html)
* [DirectoryBuildCache](http://docs.google.com/org.gradle.caching.local.DirectoryBuildCache.html)
* [HttpBuildCache](http://docs.google.com/org.gradle.caching.http.HttpBuildCache.html)

### Input Normalization types

* [InputNormalizationHandler](http://docs.google.com/org.gradle.normalization.InputNormalizationHandler.html)
* [InputNormalization](http://docs.google.com/org.gradle.normalization.InputNormalization.html)
* [RuntimeClasspathNormalization](http://docs.google.com/org.gradle.normalization.RuntimeClasspathNormalization.html)

### Help Task types

* [TaskReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.TaskReportTask.html)
* [ProjectReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.ProjectReportTask.html)
* [DependencyReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyReportTask.html)
* [DependencyInsightReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyInsightReportTask.html)
* [PropertyReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.PropertyReportTask.html)
* [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)

### Task types

* [AntlrTask](http://docs.google.com/org.gradle.api.plugins.antlr.AntlrTask.html)
* [BuildEnvironmentReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.BuildEnvironmentReportTask.html)
* [Checkstyle](http://docs.google.com/org.gradle.api.plugins.quality.Checkstyle.html)
* [CodeNarc](http://docs.google.com/org.gradle.api.plugins.quality.CodeNarc.html)
* [CompareGradleBuilds](http://docs.google.com/org.gradle.api.plugins.buildcomparison.gradle.CompareGradleBuilds.html)
* [Copy](http://docs.google.com/org.gradle.api.tasks.Copy.html)
* [CreateStartScripts](http://docs.google.com/org.gradle.jvm.application.tasks.CreateStartScripts.html)
* [Delete](http://docs.google.com/org.gradle.api.tasks.Delete.html)
* [Ear](http://docs.google.com/org.gradle.plugins.ear.Ear.html)
* [Exec](http://docs.google.com/org.gradle.api.tasks.Exec.html)
* [FindBugs](http://docs.google.com/org.gradle.api.plugins.quality.FindBugs.html)
* [GenerateIvyDescriptor](http://docs.google.com/org.gradle.api.publish.ivy.tasks.GenerateIvyDescriptor.html)
* [GenerateMavenPom](http://docs.google.com/org.gradle.api.publish.maven.tasks.GenerateMavenPom.html)
* [GenerateBuildDashboard](http://docs.google.com/org.gradle.api.reporting.GenerateBuildDashboard.html)
* [GradleBuild](http://docs.google.com/org.gradle.api.tasks.GradleBuild.html)
* [GroovyCompile](http://docs.google.com/org.gradle.api.tasks.compile.GroovyCompile.html)
* [Groovydoc](http://docs.google.com/org.gradle.api.tasks.javadoc.Groovydoc.html)
* [HtmlDependencyReportTask](http://docs.google.com/org.gradle.api.reporting.dependencies.HtmlDependencyReportTask.html)
* [JacocoReport](http://docs.google.com/org.gradle.testing.jacoco.tasks.JacocoReport.html)
* [JacocoMerge](http://docs.google.com/org.gradle.testing.jacoco.tasks.JacocoMerge.html)
* [JacocoCoverageVerification](http://docs.google.com/org.gradle.testing.jacoco.tasks.JacocoCoverageVerification.html)
* [Jar](http://docs.google.com/org.gradle.api.tasks.bundling.Jar.html)
* [JavaCompile](http://docs.google.com/org.gradle.api.tasks.compile.JavaCompile.html)
* [Javadoc](http://docs.google.com/org.gradle.api.tasks.javadoc.Javadoc.html)
* [JavaExec](http://docs.google.com/org.gradle.api.tasks.JavaExec.html)
* [JDepend](http://docs.google.com/org.gradle.api.plugins.quality.JDepend.html)
* [Pmd](http://docs.google.com/org.gradle.api.plugins.quality.Pmd.html)
* [PublishToIvyRepository](http://docs.google.com/org.gradle.api.publish.ivy.tasks.PublishToIvyRepository.html)
* [PublishToMavenRepository](http://docs.google.com/org.gradle.api.publish.maven.tasks.PublishToMavenRepository.html)
* [ScalaCompile](http://docs.google.com/org.gradle.api.tasks.scala.ScalaCompile.html)
* [ScalaDoc](http://docs.google.com/org.gradle.api.tasks.scala.ScalaDoc.html)
* [InitBuild](http://docs.google.com/org.gradle.buildinit.tasks.InitBuild.html)
* [Sign](http://docs.google.com/org.gradle.plugins.signing.Sign.html)
* [Sync](http://docs.google.com/org.gradle.api.tasks.Sync.html)
* [Tar](http://docs.google.com/org.gradle.api.tasks.bundling.Tar.html)
* [AbstractTestTask](http://docs.google.com/org.gradle.api.tasks.testing.AbstractTestTask.html)
* [Test](http://docs.google.com/org.gradle.api.tasks.testing.Test.html)
* [TestReport](http://docs.google.com/org.gradle.api.tasks.testing.TestReport.html)
* [Upload](http://docs.google.com/org.gradle.api.tasks.Upload.html)
* [War](http://docs.google.com/org.gradle.api.tasks.bundling.War.html)
* [Wrapper](http://docs.google.com/org.gradle.api.tasks.wrapper.Wrapper.html)
* [WriteProperties](http://docs.google.com/org.gradle.api.tasks.WriteProperties.html)
* [Zip](http://docs.google.com/org.gradle.api.tasks.bundling.Zip.html)

### Reporting types

* [CustomizableHtmlReport](http://docs.google.com/org.gradle.api.reporting.CustomizableHtmlReport.html)
* [SingleFileReport](http://docs.google.com/org.gradle.api.reporting.SingleFileReport.html)
* [DirectoryReport](http://docs.google.com/org.gradle.api.reporting.DirectoryReport.html)
* [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)

### Eclipse/IDEA model types

* [EclipseModel](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html)
* [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)
* [EclipseJdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseJdt.html)
* [EclipseWtp](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html)
* [EclipseWtpComponent](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseWtpComponent.html)
* [EclipseWtpFacet](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseWtpFacet.html)
* [IdeaModel](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaModel.html)
* [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)

### Eclipse/IDEA task types

* [GenerateEclipseProject](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseProject.html)
* [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)

### Native software types

* [PrebuiltLibrary](http://docs.google.com/org.gradle.nativeplatform.PrebuiltLibrary.html)
* [PrebuiltSharedLibraryBinary](http://docs.google.com/org.gradle.nativeplatform.PrebuiltSharedLibraryBinary.html)
* [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)
* [NativeBinarySpec](http://docs.google.com/org.gradle.nativeplatform.NativeBinarySpec.html)
* [NativeExecutableBinarySpec](http://docs.google.com/org.gradle.nativeplatform.NativeExecutableBinarySpec.html)
* [NativeLibraryBinarySpec](http://docs.google.com/org.gradle.nativeplatform.NativeLibraryBinarySpec.html)
* [SharedLibraryBinarySpec](http://docs.google.com/org.gradle.nativeplatform.SharedLibraryBinarySpec.html)
* [StaticLibraryBinarySpec](http://docs.google.com/org.gradle.nativeplatform.StaticLibraryBinarySpec.html)
* [NativeTestSuiteBinarySpec](http://docs.google.com/org.gradle.nativeplatform.test.NativeTestSuiteBinarySpec.html)
* [CUnitTestSuiteBinarySpec](http://docs.google.com/org.gradle.nativeplatform.test.cunit.CUnitTestSuiteBinarySpec.html)
* [GoogleTestTestSuiteBinarySpec](http://docs.google.com/org.gradle.nativeplatform.test.googletest.GoogleTestTestSuiteBinarySpec.html)
* [NativePlatform](http://docs.google.com/org.gradle.nativeplatform.platform.NativePlatform.html)
* [BuildType](http://docs.google.com/org.gradle.nativeplatform.BuildType.html)
* [Flavor](http://docs.google.com/org.gradle.nativeplatform.Flavor.html)
* [Gcc](http://docs.google.com/org.gradle.nativeplatform.toolchain.Gcc.html)
* [Clang](http://docs.google.com/org.gradle.nativeplatform.toolchain.Clang.html)
* [VisualCpp](http://docs.google.com/org.gradle.nativeplatform.toolchain.VisualCpp.html)
* [AssemblerSourceSet](http://docs.google.com/org.gradle.language.assembler.AssemblerSourceSet.html)
* [CSourceSet](http://docs.google.com/org.gradle.language.c.CSourceSet.html)
* [CppSourceSet](http://docs.google.com/org.gradle.language.cpp.CppSourceSet.html)
* [ObjectiveCSourceSet](http://docs.google.com/org.gradle.language.objectivec.ObjectiveCSourceSet.html)
* [ObjectiveCppSourceSet](http://docs.google.com/org.gradle.language.objectivecpp.ObjectiveCppSourceSet.html)
* [WindowsResourceSet](http://docs.google.com/org.gradle.language.rc.WindowsResourceSet.html)
* [VisualStudioProject](http://docs.google.com/org.gradle.ide.visualstudio.VisualStudioProject.html)
* [VisualStudioSolution](http://docs.google.com/org.gradle.ide.visualstudio.VisualStudioSolution.html)
* [NativeExecutable](http://docs.google.com/org.gradle.nativeplatform.NativeExecutable.html)
* [NativeLibrary](http://docs.google.com/org.gradle.nativeplatform.NativeLibrary.html)
* [NativeBinary](http://docs.google.com/org.gradle.nativeplatform.NativeBinary.html)
* [NativeExecutableBinary](http://docs.google.com/org.gradle.nativeplatform.NativeExecutableBinary.html)
* [SharedLibraryBinary](http://docs.google.com/org.gradle.nativeplatform.SharedLibraryBinary.html)
* [StaticLibraryBinary](http://docs.google.com/org.gradle.nativeplatform.StaticLibraryBinary.html)

### Native component task types

* [CppCompile](http://docs.google.com/org.gradle.language.cpp.tasks.CppCompile.html)
* [CCompile](http://docs.google.com/org.gradle.language.c.tasks.CCompile.html)
* [Assemble](http://docs.google.com/org.gradle.language.assembler.tasks.Assemble.html)
* [ObjectiveCCompile](http://docs.google.com/org.gradle.language.objectivec.tasks.ObjectiveCCompile.html)
* [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)
* [LinkSharedLibrary](http://docs.google.com/org.gradle.nativeplatform.tasks.LinkSharedLibrary.html)
* [CreateStaticLibrary](http://docs.google.com/org.gradle.nativeplatform.tasks.CreateStaticLibrary.html)
* [InstallExecutable](http://docs.google.com/org.gradle.nativeplatform.tasks.InstallExecutable.html)
* [RunTestExecutable](http://docs.google.com/org.gradle.nativeplatform.test.tasks.RunTestExecutable.html)

IdeaProject

**Table of Contents**

[Properties](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13CC9)[Methods](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13D30)[Script blocks](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13D46)[Property details](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13D5B)[Method details](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13EC8)[Script block details](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#N13EE9)

| API Documentation: | [IdeaProject](http://docs.google.com/javadoc/org/gradle/plugins/ide/idea/model/IdeaProject.html) |
| --- | --- |

Enables fine-tuning project details (\*.ipr file) of the IDEA plugin.

Example of use with a blend of all possible properties. Typically you don't have to configure IDEA module directly because Gradle configures it for you.

import org.gradle.plugins.ide.idea.model.\*  
  
apply plugin: 'java'  
apply plugin: 'idea'  
  
idea {  
 project {  
 //if you want to set specific jdk and language level  
 jdkName = '1.6'  
 languageLevel = '1.5'  
  
 //you can update the source wildcards  
 wildcards += '!?\*.ruby'  
  
 //you can configure the VCS used by the project  
 vcs = 'Git'  
  
 //you can change the modules of the \*.ipr  
 //modules = project(':someProject').idea.module  
  
 //you can change the output file  
 outputFile = new File(outputFile.parentFile, 'someBetterName.ipr')  
  
 //you can add project-level libraries  
 projectLibraries << new ProjectLibrary(name: "my-library", classes: [new File("path/to/library")])  
 }  
}

For tackling edge cases users can perform advanced configuration on resulting XML file. It is also possible to affect the way IDEA plugin merges the existing configuration via beforeMerged and whenMerged closures.

beforeMerged and whenMerged closures receive [Project](http://docs.google.com/javadoc/org/gradle/plugins/ide/idea/model/Project.html) object

Examples of advanced configuration:

apply plugin: 'java'  
apply plugin: 'idea'  
  
idea {  
 project {  
 ipr {  
 //you can tinker with the output \*.ipr file before it's written out  
 withXml {  
 def node = it.asNode()  
 node.appendNode('iLove', 'tinkering with the output \*.ipr file!')  
 }  
  
 //closure executed after \*.ipr content is loaded from existing file  
 //but before gradle build information is merged  
 beforeMerged { project ->  
 //you can tinker with Project  
 }  
  
 //closure executed after \*.ipr content is loaded from existing file  
 //and after gradle build information is merged  
 whenMerged { project ->  
 //you can tinker with Project  
 }  
 }  
 }  
}

Properties

| Property | Description |
| --- | --- |
| [ipr](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr) | See [IdeaProject.ipr(org.gradle.api.Action)](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr(org.gradle.api.Action)) |
| [jdkName](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:jdkName) | The java version used for defining the project sdk. |
| [languageLevel](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:languageLevel) | The default Java language Level to use for this project. |
| [modules](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:modules) | Modules for the ipr file. |
| [outputFile](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:outputFile) | Output \*.ipr |
| [projectLibraries](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:projectLibraries) | Incubating  The project-level libraries to be added to the IDEA project. |
| [targetBytecodeVersion](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:targetBytecodeVersion) | Incubating  The target bytecode version to use for this project. |
| [vcs](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:vcs) | Incubating  The vcs for the project. |
| [wildcards](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:wildcards) | The wildcard resource patterns. |

Methods

| Method | Description |
| --- | --- |
| [ipr](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr(org.gradle.api.Action))(action) | Enables advanced configuration like tinkering with the output XML or affecting the way existing \*.ipr content is merged with Gradle build information. |

Script blocks

| Block | Description |
| --- | --- |
| [ipr](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr(groovy.lang.Closure)) | Enables advanced configuration like tinkering with the output XML or affecting the way existing \*.ipr content is merged with Gradle build information. |

Property details

[**XmlFileContentMerger**](http://docs.google.com/dsl/org.gradle.plugins.ide.api.XmlFileContentMerger.html) ipr (read-only)

See [IdeaProject.ipr(org.gradle.api.Action)](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr(org.gradle.api.Action))

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

The java version used for defining the project sdk.

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html)

Default with idea plugin:Java version used to run Gradle, for example '1.6'Default with idea and java plugin:Java version used to run Gradle, for example '1.6'

[**IdeaLanguageLevel**](http://docs.google.com/javadoc/org/gradle/plugins/ide/idea/model/IdeaLanguageLevel.html) languageLevel

The default Java language Level to use for this project.

Generally, it isn't recommended to change this value. Instead, you are encouraged to set sourceCompatibility and targetCompatibility for your Gradle projects which allows you to have full control over language levels in Gradle projects, and means that Gradle and IDEA will use the same settings when compiling.

When not explicitly set, this is calculated as the maximum language level for the Idea modules of this Idea project.

Default with idea plugin:JavaVersion.JAVA\_1\_6Default with idea and java plugin:project.sourceCompatibility

[**List**](http://download.oracle.com/javase/8/docs/api/java/util/List.html)<[**IdeaModule**](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaModule.html)> modules

Modules for the ipr file.

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html)

Default with idea plugin:project.allprojects.idea.module

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

Output \*.ipr

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html).

Default with idea plugin:*${project.projectDir}*/*${project.name}*.ipr

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**ProjectLibrary**](http://docs.google.com/javadoc/org/gradle/plugins/ide/idea/model/ProjectLibrary.html)> projectLibraries

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

The project-level libraries to be added to the IDEA project.

Default with idea plugin:[] ([scala-library] with scala-base plugin)Default with idea and java plugin:[] ([scala-library] with scala-base plugin)

[**JavaVersion**](http://docs.google.com/javadoc/org/gradle/api/JavaVersion.html) targetBytecodeVersion

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

The target bytecode version to use for this project.

Generally, it isn't recommended to change this value. Instead, you are encouraged to set sourceCompatibility and targetCompatibility for your Gradle projects which allows you to have full control over language levels in Gradle projects, and means that Gradle and IDEA will use the same settings when compiling.

When languageLevel is not explicitly set, this is calculated as the maximum target bytecode version for the Idea modules of this Idea project.

Default with idea plugin:JavaVersion.JAVA\_1\_6Default with idea and java plugin:Highest project.targetCompatibility value of all java subprojects or JavaVersion.JAVA\_1\_6 if no java project found.

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

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

The vcs for the project.

Values are the same as used in IDEA's “Version Control” preference window (e.g. 'Git', 'Subversion').

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html).

[**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)> wildcards

The wildcard resource patterns.

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html).

Default with idea plugin:['!?\*.java', '!?\*.groovy']

Method details

void ipr([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**XmlFileContentMerger**](http://docs.google.com/dsl/org.gradle.plugins.ide.api.XmlFileContentMerger.html)> action)

Enables advanced configuration like tinkering with the output XML or affecting the way existing \*.ipr content is merged with Gradle build information.

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html)

Script block details

ipr { }

Enables advanced configuration like tinkering with the output XML or affecting the way existing \*.ipr content is merged with Gradle build information.

See the examples in the docs for [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html)

Delegates to:[XmlFileContentMerger](http://docs.google.com/dsl/org.gradle.plugins.ide.api.XmlFileContentMerger.html) from [ipr](http://docs.google.com/org.gradle.plugins.ide.idea.model.IdeaProject.html#org.gradle.plugins.ide.idea.model.IdeaProject:ipr)

**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/)

**News**

* [Blog](https://blog.gradle.org/)
* [Newsletter](https://newsletter.gradle.com/)
* [Twitter](https://twitter.com/gradle)

**Products**

* [Build Scans](https://gradle.com/build-scans)
* [Build Cache](https://gradle.com/build-cache)
* [Enterprise Docs](https://gradle.com/enterprise/resources)

**Get Help**

* [Forums](https://discuss.gradle.org/c/help-discuss)
* [GitHub](https://github.com/gradle/)
* [Training](https://gradle.org/training/)
* [Services](https://gradle.org/services/)

Subscribe for important Gradle updates and news

Subscribe

By entering your email, you agree to our [Terms](https://gradle.org/terms/) and [Privacy Policy](https://gradle.org/privacy/), including receipt of emails. You can unsubscribe at any time.

© [Gradle Inc.](https://gradle.com)2018 All rights reserved.

[Careers](https://gradle.com/careers) | [Privacy](https://gradle.org/privacy) | [Terms of Service](https://gradle.org/terms) | [Contact](https://gradle.org/contact/)