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)
  + [Methods](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#N12997)

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* [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))
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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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* [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)
* [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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* [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)
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* [MavenArtifact](http://docs.google.com/org.gradle.api.publish.maven.MavenArtifact.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)
* [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)
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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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* [HttpBuildCache](http://docs.google.com/org.gradle.caching.http.HttpBuildCache.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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* [DependencyInsightReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyInsightReportTask.html)
* [PropertyReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.PropertyReportTask.html)
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* [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)
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* [CompareGradleBuilds](http://docs.google.com/org.gradle.api.plugins.buildcomparison.gradle.CompareGradleBuilds.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)
* [EclipseJdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseJdt.html)
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* [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)
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* [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)

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* [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)
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* [NativeLibrarySpec](http://docs.google.com/org.gradle.nativeplatform.NativeLibrarySpec.html)
* [NativeTestSuiteSpec](http://docs.google.com/org.gradle.nativeplatform.test.NativeTestSuiteSpec.html)
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* [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)
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### Native component task types

* [CppCompile](http://docs.google.com/org.gradle.language.cpp.tasks.CppCompile.html)
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XmlFileContentMerger

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

Models the generation/parsing/merging capabilities. Adds XML-related hooks.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

Properties

No properties

Methods

| Method | Description |
| --- | --- |
| [beforeMerged](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:beforeMerged(groovy.lang.Closure))(closure) | Adds a closure to be called after content is loaded from existing file but before gradle build information is merged. |
| [beforeMerged](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:beforeMerged(org.gradle.api.Action))(action) | Adds an action to be called after content is loaded from existing file but before gradle build information is merged. |
| [whenMerged](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:whenMerged(groovy.lang.Closure))(closure) | Adds a closure to be called after content is loaded from existing file and after gradle build information is merged. |
| [whenMerged](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:whenMerged(org.gradle.api.Action))(action) | Adds an action to be called after content is loaded from existing file and after gradle build information is merged. |
| [withXml](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:withXml(groovy.lang.Closure))(closure) | Adds a closure to be called when the file has been created. The XML is passed to the closure as a parameter in form of a [XmlProvider](http://docs.google.com/javadoc/org/gradle/api/XmlProvider.html). The closure can modify the XML before it is written to the output file. |
| [withXml](http://docs.google.com/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:withXml(org.gradle.api.Action))(action) | Incubating  Adds an action to be called when the file has been created. |

Script blocks

No script blocks

Method details

void beforeMerged([**Closure**](http://docs.groovy-lang.org/2.4.15/html/gapi/groovy/lang/Closure.html) closure)

Adds a closure to be called after content is loaded from existing file but before gradle build information is merged.

This is advanced api that gives access to internal implementation. It might be useful if you want to alter the way gradle build information is merged into existing file content.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

void beforeMerged([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<?> action)

Adds an action to be called after content is loaded from existing file but before gradle build information is merged.

This is advanced api that gives access to internal implementation. It might be useful if you want to alter the way gradle build information is merged into existing file content.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

void whenMerged([**Closure**](http://docs.groovy-lang.org/2.4.15/html/gapi/groovy/lang/Closure.html) closure)

Adds a closure to be called after content is loaded from existing file and after gradle build information is merged.

This is advanced api that gives access to internal implementation of idea plugin. Use it only to tackle some tricky edge cases.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

void whenMerged([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<?> action)

Adds an action to be called after content is loaded from existing file and after gradle build information is merged.

This is advanced api that gives access to internal implementation of idea plugin. Use it only to tackle some tricky edge cases.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

void withXml([**Closure**](http://docs.groovy-lang.org/2.4.15/html/gapi/groovy/lang/Closure.html) closure)

Adds a closure to be called when the file has been created. The XML is passed to the closure as a parameter in form of a [XmlProvider](http://docs.google.com/javadoc/org/gradle/api/XmlProvider.html). The closure can modify the XML before it is written to the output file.

For examples see docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) or [IdeaProject](http://docs.google.com/dsl/org.gradle.plugins.ide.idea.model.IdeaProject.html) and others.

void withXml([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**XmlProvider**](http://docs.google.com/javadoc/org/gradle/api/XmlProvider.html)> action)

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

Adds an action to be called when the file has been created.

See [XmlFileContentMerger.withXml(groovy.lang.Closure)](http://docs.google.com/dsl/org.gradle.plugins.ide.api.XmlFileContentMerger.html#org.gradle.plugins.ide.api.XmlFileContentMerger:withXml(groovy.lang.Closure))

**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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