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.eclipse.model.EclipseModel.html#N1247B)
  + [Methods](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#N124AB)
  + [Script blocks](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#N124E9)

### 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)
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* [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)

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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)
* [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)
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* [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)
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* [MavenPomScm](http://docs.google.com/org.gradle.api.publish.maven.MavenPomScm.html)

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* [TaskContainer](http://docs.google.com/org.gradle.api.tasks.TaskContainer.html)
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* [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)
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* [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)
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### 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)
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* [ComponentReport](http://docs.google.com/org.gradle.api.reporting.components.ComponentReport.html)
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* [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)
* [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)
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* [GenerateMavenPom](http://docs.google.com/org.gradle.api.publish.maven.tasks.GenerateMavenPom.html)
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* [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)
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* [Upload](http://docs.google.com/org.gradle.api.tasks.Upload.html)
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* [Wrapper](http://docs.google.com/org.gradle.api.tasks.wrapper.Wrapper.html)
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* [CustomizableHtmlReport](http://docs.google.com/org.gradle.api.reporting.CustomizableHtmlReport.html)
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* [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)
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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)
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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)

### 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)
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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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* [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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### Native component task types

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

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

DSL-friendly model of the Eclipse project information. First point of entry for customizing Eclipse project generation.

apply plugin: 'java'  
apply plugin: 'eclipse'  
apply plugin: 'eclipse-wtp' //for web projects only  
  
eclipse {  
 pathVariables 'GRADLE\_HOME': file('/best/software/gradle'), 'TOMCAT\_HOME': file('../tomcat')  
  
 project {  
 //see docs for EclipseProject  
 }  
  
 classpath {  
 //see docs for EclipseClasspath  
 }  
  
 wtp {  
 //see docs for EclipseWtp  
 }  
}

More examples in docs for [EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html), [EclipseClasspath](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html), [EclipseWtp](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html)

Properties

| Property | Description |
| --- | --- |
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| [jdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:jdt) | Configures eclipse java compatibility information (jdt) |
| [project](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:project) | Configures eclipse project information |
| [wtp](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:wtp) | Configures eclipse wtp information |

Methods

| Method | Description |
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| [classpath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:classpath(org.gradle.api.Action))(action) | Configures eclipse classpath information |
| [jdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:jdt(org.gradle.api.Action))(action) | Configures eclipse java compatibility information (jdt) |
| [pathVariables](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:pathVariables(java.util.Map))(pathVariables) | Adds path variables to be used for replacing absolute paths in classpath entries. |
| [project](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:project(org.gradle.api.Action))(action) | Configures eclipse project information |
| [wtp](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:wtp(org.gradle.api.Action))(action) | Configures eclipse wtp information |

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| Block | Description |
| --- | --- |
| [classpath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:classpath(groovy.lang.Closure)) | Configures eclipse classpath information |
| [jdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:jdt(groovy.lang.Closure)) | Configures eclipse java compatibility information (jdt) |
| [project](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:project(groovy.lang.Closure)) | Configures eclipse project information |
| [wtp](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:wtp(groovy.lang.Closure)) | Configures eclipse wtp information |

Property details

[**EclipseClasspath**](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html) classpath

Configures eclipse classpath information

For examples see docs for [EclipseClasspath](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)

[**EclipseJdt**](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseJdt.html) jdt

Configures eclipse java compatibility information (jdt)

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

[**EclipseProject**](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) project

Configures eclipse project information

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

[**EclipseWtp**](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html) wtp

Configures eclipse wtp information

For examples see docs for [EclipseWtp](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html)

Method details

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

Configures eclipse classpath information

For examples see docs for [EclipseClasspath](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)

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

Configures eclipse java compatibility information (jdt)

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

void pathVariables([**Map**](http://download.oracle.com/javase/8/docs/api/java/util/Map.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html), [**File**](http://download.oracle.com/javase/8/docs/api/java/io/File.html)> pathVariables)

Adds path variables to be used for replacing absolute paths in classpath entries.

If the beginning of the absolute path of a library or other path-related element matches a value of a variable, a variable entry is used. The matching part of the library path is replaced with the variable name.

For example see docs for [EclipseModel](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseModel.html)

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

Configures eclipse project information

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

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

Configures eclipse wtp information

For examples see docs for [EclipseWtp](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html)

Script block details

classpath { }

Configures eclipse classpath information

For examples see docs for [EclipseClasspath](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)

Delegates to:[EclipseClasspath](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html) from [classpath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:classpath)

jdt { }

Configures eclipse java compatibility information (jdt)

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

Delegates to:[EclipseJdt](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseJdt.html) from [jdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:jdt)

project { }

Configures eclipse project information

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

Delegates to:[EclipseProject](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseProject.html) from [project](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:project)

wtp { }

Configures eclipse wtp information

For examples see docs for [EclipseWtp](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html)

Delegates to:[EclipseWtp](http://docs.google.com/dsl/org.gradle.plugins.ide.eclipse.model.EclipseWtp.html) from [wtp](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseModel.html#org.gradle.plugins.ide.eclipse.model.EclipseModel:wtp)

**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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