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.api.artifacts.dsl.ComponentModuleMetadataHandler.html#N1747F)

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* [artifacts { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:artifacts(groovy.lang.Closure))
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* [AntlrTask](http://docs.google.com/org.gradle.api.plugins.antlr.AntlrTask.html)
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* [ReportContainer](http://docs.google.com/org.gradle.api.reporting.ReportContainer.html)
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* [EclipseClasspath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)
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* [FileContentMerger](http://docs.google.com/org.gradle.plugins.ide.api.FileContentMerger.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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### Native component task types

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ComponentModuleMetadataHandler

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

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

Allows to modify the metadata of depended-on software components.

Example:

dependencies {  
 modules {  
 //Configuring component module metadata for the entire "google-collections" module,  
 // declaring that legacy library was replaced with "guava".  
 //This way, Gradle's conflict resolution can use this information and use "guava"  
 // in case both libraries appear in the same dependency tree.  
 module("com.google.collections:google-collections") {  
 replacedBy("com.google.guava:guava")  
 }  
 }  
}

Properties

No properties

Methods

| Method | Description |
| --- | --- |
| [module](http://docs.google.com/org.gradle.api.artifacts.dsl.ComponentModuleMetadataHandler.html#org.gradle.api.artifacts.dsl.ComponentModuleMetadataHandler:module(java.lang.Object,%20org.gradle.api.Action))(moduleNotation, rule) | Incubating  Enables configuring component module metadata. This metadata applies to the entire component module (e.g. "group:name", like "org.gradle:gradle-core") regardless of the component version. |

Script blocks

No script blocks

Method details

void module([**Object**](http://download.oracle.com/javase/8/docs/api/java/lang/Object.html) moduleNotation, [**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**ComponentModuleMetadata**](http://docs.google.com/javadoc/org/gradle/api/artifacts/ComponentModuleMetadata.html)> rule)

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

Enables configuring component module metadata. This metadata applies to the entire component module (e.g. "group:name", like "org.gradle:gradle-core") regardless of the component version.

//declaring that google collections are replaced by guava  
//so that conflict resolution can take advantage of this information:  
dependencies.modules.module('com.google.collections:google-collections') { replacedBy('com.google.guava:guava') }

**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)
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