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.artifacts.repositories.MavenArtifactRepository.html#N257AE)
  + [Methods](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#N257F0)

### 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))

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* [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)
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* [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)

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

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* [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)
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* [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)

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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)
* [Delete](http://docs.google.com/org.gradle.api.tasks.Delete.html)
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* [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)
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* [Jar](http://docs.google.com/org.gradle.api.tasks.bundling.Jar.html)
* [JavaCompile](http://docs.google.com/org.gradle.api.tasks.compile.JavaCompile.html)
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* [JavaExec](http://docs.google.com/org.gradle.api.tasks.JavaExec.html)
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* [ScalaCompile](http://docs.google.com/org.gradle.api.tasks.scala.ScalaCompile.html)
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* [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)

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* [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)

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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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* [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)
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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)
* [NativePlatform](http://docs.google.com/org.gradle.nativeplatform.platform.NativePlatform.html)
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* [CSourceSet](http://docs.google.com/org.gradle.language.c.CSourceSet.html)
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* [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)
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### 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)
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* [InstallExecutable](http://docs.google.com/org.gradle.nativeplatform.tasks.InstallExecutable.html)
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MavenArtifactRepository

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

An artifact repository which uses a Maven format to store artifacts and meta-data.

Repositories of this type are created by the [RepositoryHandler.maven(org.gradle.api.Action)](http://docs.google.com/dsl/org.gradle.api.artifacts.dsl.RepositoryHandler.html#org.gradle.api.artifacts.dsl.RepositoryHandler:maven(org.gradle.api.Action)) group of methods.

Properties

| Property | Description |
| --- | --- |
| [artifactUrls](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:artifactUrls) | The additional URLs to use to find artifact files. Note that these URLs are not used to find POM files. |
| [authentication](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:authentication) | Incubating  The authentication schemes for this repository. |
| [credentials](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:credentials) | Incubating  The credentials of the specified type used to authenticate with this repository. |
| [name](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:name) | The name for this repository. A name must be unique amongst a repository set. A default name is provided for the repository if none is provided. |
| [url](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:url) | The base URL of this repository. This URL is used to find both POMs and artifact files. You can add additional URLs to use to look for artifact files, such as jars, using [MavenArtifactRepository.setArtifactUrls(java.lang.Iterable)](http://docs.google.com/javadoc/org/gradle/api/artifacts/repositories/MavenArtifactRepository.html#setArtifactUrls-java.lang.Iterable-). |

Methods

| Method | Description |
| --- | --- |
| [artifactUrls](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:artifactUrls(java.lang.Object%5B%5D))(urls) | Adds some additional URLs to use to find artifact files. Note that these URLs are not used to find POM files. |
| [authentication](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:authentication(org.gradle.api.Action))(action) | Incubating  Configures the authentication schemes for this repository. |
| [credentials](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:credentials(java.lang.Class,%20org.gradle.api.Action))(credentialsType, action) | Incubating  Configures the credentials for this repository using the supplied action. |
| [credentials](http://docs.google.com/org.gradle.api.artifacts.repositories.MavenArtifactRepository.html#org.gradle.api.artifacts.repositories.MavenArtifactRepository:credentials(org.gradle.api.Action))(action) | Configures the username and password credentials for this repository using the supplied action. |

Script blocks

No script blocks

Property details

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**URI**](http://download.oracle.com/javase/8/docs/api/java/net/URI.html)> artifactUrls

The additional URLs to use to find artifact files. Note that these URLs are not used to find POM files.

[**AuthenticationContainer**](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.AuthenticationContainer.html) authentication (read-only)

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

The authentication schemes for this repository.

T credentials (read-only)

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

The credentials of the specified type used to authenticate with this repository.

If no credentials have been assigned to this repository, an empty set of credentials of the specified type is assigned to this repository and returned.

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

The name for this repository. A name must be unique amongst a repository set. A default name is provided for the repository if none is provided.

The name is used in logging output and error reporting to point to information related to this repository.

[**URI**](http://download.oracle.com/javase/8/docs/api/java/net/URI.html) url

The base URL of this repository. This URL is used to find both POMs and artifact files. You can add additional URLs to use to look for artifact files, such as jars, using [MavenArtifactRepository.setArtifactUrls(java.lang.Iterable)](http://docs.google.com/javadoc/org/gradle/api/artifacts/repositories/MavenArtifactRepository.html#setArtifactUrls-java.lang.Iterable-).

Method details

void artifactUrls([**Object**](http://download.oracle.com/javase/8/docs/api/java/lang/Object.html)... urls)

Adds some additional URLs to use to find artifact files. Note that these URLs are not used to find POM files.

The provided values are evaluated as per [Project.uri(java.lang.Object)](http://docs.google.com/dsl/org.gradle.api.Project.html#org.gradle.api.Project:uri(java.lang.Object)). This means, for example, you can pass in a File object, or a relative path to be evaluated relative to the project directory.

void authentication([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**AuthenticationContainer**](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.AuthenticationContainer.html)> action)

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

Configures the authentication schemes for this repository.

This method executes the given action against the [AuthenticationContainer](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.AuthenticationContainer.html) for this project. The [AuthenticationContainer](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.AuthenticationContainer.html) is passed to the closure as the closure's delegate.

If no authentication schemes have been assigned to this repository, a default set of authentication schemes are used based on the repository's transport scheme.

repositories {  
 maven {  
 url "${url}"  
 authentication {  
 basic(BasicAuthentication)  
 }  
 }  
}

Supported authentication scheme types extend [Authentication](http://docs.google.com/dsl/org.gradle.authentication.Authentication.html).

void credentials([**Class**](http://download.oracle.com/javase/8/docs/api/java/lang/Class.html)<T> credentialsType, [**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super T> action)

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

Configures the credentials for this repository using the supplied action.

If no credentials have been assigned to this repository, an empty set of credentials of the specified type will be assigned to this repository and given to the configuration action. If credentials have already been specified for this repository, they will be passed to the given configuration action.

repositories {  
 maven {  
 url "${url}"  
 credentials(AwsCredentials) {  
 accessKey "myAccessKey"  
 secretKey "mySecret"  
 }  
 }  
}

The following credential types are currently supported for the credentialsType argument:

* [PasswordCredentials](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.PasswordCredentials.html)
* [AwsCredentials](http://docs.google.com/dsl/org.gradle.api.credentials.AwsCredentials.html)

void credentials([**Action**](http://docs.google.com/javadoc/org/gradle/api/Action.html)<? super [**PasswordCredentials**](http://docs.google.com/dsl/org.gradle.api.artifacts.repositories.PasswordCredentials.html)> action)

Configures the username and password credentials for this repository using the supplied action.

If no credentials have been assigned to this repository, an empty set of username and password credentials is assigned to this repository and passed to the action.

repositories {  
 maven {  
 url "${url}"  
 credentials {  
 username = 'joe'  
 password = 'secret'  
 }  
 }  
}

**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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