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/)
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* [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/)
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  + [Properties](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#N19814)
  + [Methods](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#N19840)

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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))
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* [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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* [IncludedBuild](http://docs.google.com/org.gradle.api.initialization.IncludedBuild.html)
* [Script](http://docs.google.com/org.gradle.api.Script.html)
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* [ExtraPropertiesExtension](http://docs.google.com/org.gradle.api.plugins.ExtraPropertiesExtension.html)
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* [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)
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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)
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* [ArtifactHandler](http://docs.google.com/org.gradle.api.artifacts.dsl.ArtifactHandler.html)

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* [DependencyInsightReportTask](http://docs.google.com/org.gradle.api.tasks.diagnostics.DependencyInsightReportTask.html)
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* [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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* [EclipseClasspath](http://docs.google.com/org.gradle.plugins.ide.eclipse.model.EclipseClasspath.html)
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* [GenerateEclipseJdt](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseJdt.html)
* [GenerateEclipseWtpComponent](http://docs.google.com/org.gradle.plugins.ide.eclipse.GenerateEclipseWtpComponent.html)
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* [GenerateIdeaModule](http://docs.google.com/org.gradle.plugins.ide.idea.GenerateIdeaModule.html)
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* [PrebuiltStaticLibraryBinary](http://docs.google.com/org.gradle.nativeplatform.PrebuiltStaticLibraryBinary.html)
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* [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)
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SourceDirectorySet

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

A SourceDirectorySet represents a set of source files composed from a set of source directories, along with associated include and exclude patterns.

SourceDirectorySet extends [FileTree](http://docs.google.com/javadoc/org/gradle/api/file/FileTree.html). The contents of the file tree represent the source files of this set, arranged in a hierarchy. The file tree is live and reflects changes to the source directories and their contents.

Properties

| Property | Description |
| --- | --- |
| [filter](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:filter) | The filter used to select the source from the source directories. These filter patterns are applied after the include and exclude patterns of this source directory set. Generally, the filter patterns are used to restrict the contents to certain types of files, eg \*.java. |
| [outputDir](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:outputDir) | Incubating  The directory to put the output for these sources. |
| [srcDirs](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:srcDirs) | The source directories that make up this set. Does not filter source directories that do not exist. |

Methods

| Method | Description |
| --- | --- |
| [source](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:source(org.gradle.api.file.SourceDirectorySet))(source) | Adds the given source to this set. |
| [srcDir](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:srcDir(java.lang.Object))(srcPath) | Adds the given source directory to this set. The given directory does not need to exist. Directories that do not exist are ignored. |
| [srcDirs](http://docs.google.com/org.gradle.api.file.SourceDirectorySet.html#org.gradle.api.file.SourceDirectorySet:srcDirs(java.lang.Object%5B%5D))(srcPaths) | Adds the given source directories to this set. The given directories to not need to exist. Directories that do no exist are ignored. |

Script blocks

No script blocks

Property details

[**PatternFilterable**](http://docs.google.com/javadoc/org/gradle/api/tasks/util/PatternFilterable.html) filter (read-only)

The filter used to select the source from the source directories. These filter patterns are applied after the include and exclude patterns of this source directory set. Generally, the filter patterns are used to restrict the contents to certain types of files, eg \*.java.

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

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

The directory to put the output for these sources.

Default with java-base plugin:*${project.buildDir}*/classes/*${sourceDirectorySet.name}*/*${sourceSet.name}*

[**Set**](http://download.oracle.com/javase/8/docs/api/java/util/Set.html)<[**File**](http://download.oracle.com/javase/8/docs/api/java/io/File.html)> srcDirs

The source directories that make up this set. Does not filter source directories that do not exist.

Default with java-base plugin:src/*${sourceSet.name}*/*${sourceDirectorySet.name}*

Method details

[**SourceDirectorySet**](http://docs.google.com/dsl/org.gradle.api.file.SourceDirectorySet.html) source([**SourceDirectorySet**](http://docs.google.com/dsl/org.gradle.api.file.SourceDirectorySet.html) source)

Adds the given source to this set.

[**SourceDirectorySet**](http://docs.google.com/dsl/org.gradle.api.file.SourceDirectorySet.html) srcDir([**Object**](http://download.oracle.com/javase/8/docs/api/java/lang/Object.html) srcPath)

Adds the given source directory to this set. The given directory does not need to exist. Directories that do not exist are ignored.

[**SourceDirectorySet**](http://docs.google.com/dsl/org.gradle.api.file.SourceDirectorySet.html) srcDirs([**Object**](http://download.oracle.com/javase/8/docs/api/java/lang/Object.html)... srcPaths)

Adds the given source directories to this set. The given directories to not need to exist. Directories that do no exist are ignored.

**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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