4.10.1

* Docs  
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  [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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* [User Manual Home](http://docs.google.com/userguide/userguide.html)
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* [Release Notes](http://docs.google.com/release-notes.html)
  + [Properties](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#N14560)

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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))
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* [publishing { }](http://docs.google.com/org.gradle.api.Project.html#org.gradle.api.Project:publishing(groovy.lang.Closure))

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* [ExtraPropertiesExtension](http://docs.google.com/org.gradle.api.plugins.ExtraPropertiesExtension.html)
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* [ResourceHandler](http://docs.google.com/org.gradle.api.resources.ResourceHandler.html)
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* [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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FindBugsExtension

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

Configuration options for the FindBugs plugin. All options have sensible defaults. See the [FindBugs Manual](http://findbugs.sourceforge.net/manual/) for additional information on these options.

Below is a full configuration example. Since all properties have sensible defaults, typically only selected properties will be configured.

apply plugin: "java"  
apply plugin: "findbugs"  
  
findbugs {  
 toolVersion = "2.0.1"  
 sourceSets = [sourceSets.main]  
 ignoreFailures = true  
 reportsDir = file("$project.buildDir/findbugsReports")  
 effort = "max"  
 showProgress = true  
 reportLevel = "high"  
 visitors = ["FindSqlInjection", "SwitchFallthrough"]  
 omitVisitors = ["FindNonShortCircuit"]  
 includeFilter = file("$rootProject.projectDir/config/findbugs/includeFilter.xml")  
 excludeFilter = file("$rootProject.projectDir/config/findbugs/excludeFilter.xml")  
 excludeBugsFilter = file("$rootProject.projectDir/config/findbugs/excludeBugsFilter.xml")  
}

Properties

| Property | Description |
| --- | --- |
| [effort](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:effort) | The analysis effort level. The value specified should be one of min, default, or max. Higher levels increase precision and find more bugs at the expense of running time and memory consumption. |
| [excludeFilter](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:excludeFilter) | The filename of a filter specifying bugs to exclude from being reported. |
| [excludeFilterConfig](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:excludeFilterConfig) | Incubating  A filter specifying bugs to exclude from being reported. Replaces the excludeFilter property. |
| [ignoreFailures](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:ignoreFailures) | Whether to allow the build to continue if there are warnings. Example: ignoreFailures = true |
| [includeFilter](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:includeFilter) | The filename of a filter specifying which bugs are reported. |
| [includeFilterConfig](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:includeFilterConfig) | Incubating  A filter specifying which bugs are reported. Replaces the includeFilter property. |
| [omitVisitors](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:omitVisitors) | Similar to visitors except that it specifies bug detectors which should not be run. By default, no visitors are omitted. |
| [reportLevel](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:reportLevel) | The priority threshold for reporting bugs. If set to low, all bugs are reported. If set to medium (the default), medium and high priority bugs are reported. If set to high, only high priority bugs are reported. |
| [reportsDir](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:reportsDir) | The directory where reports will be generated. |
| [showProgress](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:showProgress) | Incubating  Indicates whether analysis progress should be rendered on standard output. Defaults to false. |
| [sourceSets](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:sourceSets) | The source sets to be analyzed as part of the check and build tasks. |
| [toolVersion](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:toolVersion) | The version of the code quality tool to be used. |
| [visitors](http://docs.google.com/org.gradle.api.plugins.quality.FindBugsExtension.html#org.gradle.api.plugins.quality.FindBugsExtension:visitors) | The bug detectors which should be run. The bug detectors are specified by their class names, without any package qualification. By default, all detectors which are not disabled by default are run. |

Methods

No methods

Script blocks

No script blocks

Property details

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

The analysis effort level. The value specified should be one of min, default, or max. Higher levels increase precision and find more bugs at the expense of running time and memory consumption.

Default:'default'

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

The filename of a filter specifying bugs to exclude from being reported.

Default:null

[**TextResource**](http://docs.google.com/dsl/org.gradle.api.resources.TextResource.html) excludeFilterConfig

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

A filter specifying bugs to exclude from being reported. Replaces the excludeFilter property.

Default:null

boolean ignoreFailures

Whether to allow the build to continue if there are warnings. Example: ignoreFailures = true

Default:false

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

The filename of a filter specifying which bugs are reported.

Default:null

[**TextResource**](http://docs.google.com/dsl/org.gradle.api.resources.TextResource.html) includeFilterConfig

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

A filter specifying which bugs are reported. Replaces the includeFilter property.

Default:null

[**Collection**](http://download.oracle.com/javase/8/docs/api/java/util/Collection.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> omitVisitors

Similar to visitors except that it specifies bug detectors which should not be run. By default, no visitors are omitted.

Default:[]

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

The priority threshold for reporting bugs. If set to low, all bugs are reported. If set to medium (the default), medium and high priority bugs are reported. If set to high, only high priority bugs are reported.

Default:'medium'

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

The directory where reports will be generated.

boolean showProgress

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

Indicates whether analysis progress should be rendered on standard output. Defaults to false.

Default:false

[**Collection**](http://download.oracle.com/javase/8/docs/api/java/util/Collection.html)<[**SourceSet**](http://docs.google.com/dsl/org.gradle.api.tasks.SourceSet.html)> sourceSets

The source sets to be analyzed as part of the check and build tasks.

Default:project.sourceSets

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

The version of the code quality tool to be used.

[**Collection**](http://download.oracle.com/javase/8/docs/api/java/util/Collection.html)<[**String**](http://download.oracle.com/javase/8/docs/api/java/lang/String.html)> visitors

The bug detectors which should be run. The bug detectors are specified by their class names, without any package qualification. By default, all detectors which are not disabled by default are run.

Default:[]

**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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