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### Reference

* [Groovy DSL Reference](http://docs.google.com/dsl/)
* [Gradle API Javadoc](http://docs.google.com/javadoc/)
* [Core Plugins](http://docs.google.com/userguide/plugin_reference.html)
* [Gradle & Third-party Tools](http://docs.google.com/userguide/third_party_integration.html)

### Getting Started

* [Creating New Gradle Builds](https://guides.gradle.org/creating-new-gradle-builds/)
* [Creating Build Scans](https://guides.gradle.org/creating-build-scans/)
* [Migrating From Maven](https://guides.gradle.org/migrating-from-maven/)

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* [Using Build Scans](https://docs.gradle.com/build-scan-plugin)
* [Enabling and Configuring the Build Cache](http://docs.google.com/userguide/build_cache.html)
* [Integrating Separate Gradle Builds (Composite Builds)](http://docs.google.com/userguide/composite_builds.html)

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* [Sample Gradle builds](#1t3h5sf)
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### Extending Gradle

* [Writing Custom Plugins](http://docs.google.com/userguide/custom_plugins.html)
* [Plugin Development Guides](https://gradle.org/guides/?q=Plugin+Development)

[Edit this page](https://github.com/gradle/gradle/edit/master/subprojects/docs/src/docs/userguide/)

# The Project Report Plugin

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The Project report plugin adds some tasks to your project which generate reports containing useful information about your build. These tasks generate the same content that you get by executing the tasks, dependencies, and properties tasks from the command line (see [Command-line project reporting](http://docs.google.com/command_line_interface.html#sec:command_line_project_reporting)). In contrast to the command line reports, the report plugin generates the reports into a file. There is also an aggregating task that depends on all report tasks added by the plugin.

We plan to add much more to the existing reports and create additional ones in future releases of Gradle.

[Usage](#4d34og8)

To use the Project report plugin, include the following in your build script:

apply plugin: 'project-report'

[Tasks](#2s8eyo1)

The project report plugin defines the following tasks:

dependencyReport — [DependencyReportTask](http://docs.google.com/dsl/org.gradle.api.tasks.diagnostics.DependencyReportTask.html)

Generates the project dependency report.

dependencyReport — [HtmlDependencyReportTask](http://docs.google.com/dsl/org.gradle.api.reporting.dependencies.HtmlDependencyReportTask.html)

Generates an HTML dependency and dependency insight report for the project or a set of projects.

propertyReport — [PropertyReportTask](http://docs.google.com/dsl/org.gradle.api.tasks.diagnostics.PropertyReportTask.html)

Generates the project property report.

taskReport — [TaskReportTask](http://docs.google.com/dsl/org.gradle.api.tasks.diagnostics.TaskReportTask.html)

Generates the project task report.

projectReport — [Task](http://docs.google.com/dsl/org.gradle.api.Task.html)

*Depends on*: dependencyReport, propertyReport, taskReport, htmlDependencyReport

Generates all project reports.

[Project layout](#17dp8vu)

The project report plugin does not require any particular project layout.

[Dependency management](#3rdcrjn)

The project report plugin does not define any dependency configurations.

[Convention properties](#26in1rg)

The project report defines the following convention properties:

projects — Set<Project>

The projects to generate the reports for. *Default value*: A one element set with the project the plugin was applied to.

projectReportDirName — String

The name of the directory to generate the project report into, relative to the reports directory. *Default value*: "project".

projectReportDir — File (read-only)

The directory to generate the project report into. *Default value*: *reportsDir*/*projectReportDirName*.

reportsDirName — String

The name of the directory to generate the project report into, relative to the reports directory. *Default value*: "reports".

reportsDir — File (read-only)

The directory to generate the project reports into. *Default value*: *buildDir*/*reportsDirName*.

These convention properties are provided by a convention object of type [ProjectReportsPluginConvention](http://docs.google.com/dsl/org.gradle.api.plugins.ProjectReportsPluginConvention.html).

Docs

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