Gradle is based on Groovy and Kotlin. It supports Maven and Ivy repositories for retrieving these dependencies. The build file for Gradle builds is based on a Domain Specific Language (DSL)

Comments in Gradle build files

You can use single and multiline comments in Gradle build files.

// Single line comment

/\*

Multi

line

comment

\*/

task hello {

doLast {

println 'Hello Gradle'

}

}

|  |  |
| --- | --- |
|  | In older Gradle files you might encounter the use of << instead of doLast.  task hello << {  println 'Hello Gradle'  } |

Gradle output should be suppressed, use the -q (quiet) parameter.

gradle hello

# alternative add the -q flag

gradle -q hello

### Project Name settings and description

By default, Gradle uses the directory name as project name. You can change this by creating a settings.gradlefile in the directory which specifies the project name.

rootProject.name ='com.vogella.gradle.first'

You can also add a description to your project via the build.gradle file.

description ="""

Example project for a Gradle build

Project name: ${project.name}

More detailed information here... """

task hello {

doLast {

println 'Hello Gradle'

}

}

Use the gradle project command to get information about your project

How to configure gradle in eclipse

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<http://www.vogella.com/tutorials/EclipseGradle/article.html>

### 5.2. Add Gradle support to existing Eclipse project

To convert a Java project to use Gradle, select Gradle ▸ Add Gradle Nature from the context menu of the project.