

# Gradle

Gradle is an open-source build automation tool that is flexible enough to build any type of software. This section walks you through setting up Gradle with Perfecto.

A sample Gradle with Perfecto project is available here: [https://github.com/PerfectoMobileSA/Perfecto\\_Gradle](https://github.com/PerfectoMobileSA/Perfecto_Gradle)

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## Requirements

Perfecto supports Gradle 6.x and earlier.

## Set up Gradle with Perfecto

1. Download and install [JDK 8](#).
2. Set up the JAVA\_HOME environment variable to point to the JDK 8 installation folder.
3. Set up Gradle on a Windows or Mac machine by following the instructions at <https://gradle.org/install>.
4. To verify that the installation is successful, launch a new command line window and run the following command:

```
gradle -v
```

5. Import your existing Gradle project into your IDE, or create a new project.
6. Update your `build.gradle` file with the following repositories:

```
repositories {
    mavenCentral()
    maven {
        url 'https://repo1.perfectomobile.com/public/repositories/maven'
    }
}
```

7. Add the following dependencies:

## Gradle dependencies

```
compile ('com.perfecto.reporting-sdk:reportium-java:+') {
    exclude group: "org.seleniumhq.selenium", module: "selenium-remote-driver"
    exclude group: "org.seleniumhq.selenium", module: "selenium-java"
    exclude group: "org.seleniumhq.selenium", module: "selenium-api"
}
compile 'com.perfectomobile:http-client:+'
compile 'com.perfectomobile:pm-webdriver:+'
compile group: 'org.seleniumhq.selenium', name: 'selenium-server', version: '3.14.0'
compile 'org.seleniumhq.selenium:selenium-api:3.14.0'
compile 'org.seleniumhq.selenium:selenium-remote-driver:3.14.0'
compile 'org.seleniumhq.selenium:selenium-support:3.14.0'
compile 'commons-codec:commons-codec:1.10'
compile 'commons-io:commons-io:2.4'
compile 'org.apache.commons:commons-lang3:3.4'
compile 'dom4j:dom4j:1.6.1'
compile 'com.google.code.gson:gson:2.5'
compile 'com.google.guava:guava:19.0'
compile 'org.apache.httpcomponents:httpclient:4.5.1'
compile 'org.apache.httpcomponents:httpcore:4.4.4'
compile 'com.fasterxml.jackson.core:jackson-annotations:2.7.0'
compile 'com.fasterxml.jackson.core:jackson-core:2.7.0'
compile 'com.fasterxml.jackson.core:jackson-databind:2.7.0'
compile 'io.appium:java-client:3.3.0'
compile 'jaxen:jaxen:1.1.6'
compile 'org.slf4j:jcl-over-slf4j:1.7.16'
compile 'org.json:json:20151123'
compile 'ch.qos.logback:logback-classic:1.1.5'
compile 'ch.qos.logback:logback-core:1.1.5'
compile 'org.slf4j:slf4j-api:1.7.16'
```

**Note:** A sample `build.gradle` file, including all Perfecto and Smart Reporting dependencies, is available here: [https://github.com/PerfectoMobileSA/Perfecto\\_Gradle/blob/master/build.gradle](https://github.com/PerfectoMobileSA/Perfecto_Gradle/blob/master/build.gradle)

8. To confirm that the dependencies have downloaded properly, execute the following gradle task: `clean build`

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### Also in this section:

- [Integrate Gradle with Smart Reporting](#)