



Gradle Training

Setup Instructions

Thank you for enrolling in the course!

The following instructions will assist you in getting prepared for the training. Please complete these instructions ahead of time, and contact virtual-training-help@gradle.com if you require assistance.

Please try to log on 15 minutes before the start time to ensure you do not encounter technical issues.

Install a compatible version of Java

Gradle requires a Java Development Kit (JDK) to run. Any JDK 1.8 or newer is supported. You can download an installer from [AdoptOpenJDK](https://adoptopenjdk.com).

After installing the JDK, please ensure you have a `JAVA_HOME` environment variable set with the location of your Java install. If you are unsure how to do this, [please see this guide](#).

Install the latest version of Gradle

This course requires the latest version of Gradle. Follow these instructions [to install Gradle](#).

Verify Gradle Installation

Once you have a JDK and Gradle installed and configured, you should be able to open a new command window and execute the command `gradle -version`. This command should yield output similar to the following (please check that the version matches):

```
-----  
Gradle 6.6.1  
-----  
  
Build time:   2020-08-25 16:29:12 UTC  
Revision:    f2d1fb54a951d8b11d25748e4711bec8d128d7e3  
  
Kotlin:      1.3.72  
Groovy:      2.5.12  
Ant:         Apache Ant(TM) version 1.10.8 compiled on May 10 2020  
JVM:         1.8.0_131 (Oracle Corporation 25.131-b11)  
OS:          Mac OS X 10.15.5 x86_64
```

If you do not see this output, double-check that you have correctly set the `JAVA_HOME` environment variable, and have added `GRADLE_HOME/bin` to your system path.

As a final test that everything is setup, run:

```
gradle init --type java-library --dsl groovy --test-framework junit --project-name  
setup-test --package setup.test
```

followed by:

```
./gradlew assemble
```

This should download some dependencies, build a simple project and eventually print:

BUILD SUCCESSFUL

HTTP Proxy Configuration

If you are behind a web proxy and you're unable to download dependencies, define a *GRADLE_OPTS* environment variable and set it to the following value:

```
-Dhttp.proxyHost=<host> -Dhttp.proxyPort=<port> -Dhttps.proxyHost=<host> -Dhttps.proxyPort=<port>
```

For further proxy configuration options, please see [Accessing the web through a HTTP proxy](#) in the Gradle User Manual.

The End

Thank you for following these instructions. We are looking forward to meeting you in class!

Your Gradle Inc. Instructors