

How to Install Scala on macOS

Step 1: Check for installation of Java Development Kit (JDK)

From a Terminal window, type:

```
$java -version
```

If it is already installed, skip to step 4.

Otherwise, download and install the JDK from <http://www.oracle.com/technetwork/java/javase/downloads/index-jsp-138363.html>.

Step 2: Set environment variables for Java

```
export JAVA_HOME=/usr/local/java-current
export PATH=$PATH:$JAVA_HOME/bin/
```

Step 3: Verify install

Close and re-open the Terminal window, and type:

```
$java -version
```

Sample results

```
java version "1.8.0_111"
```

```
Java(TM) SE Runtime Environment (build 1.8.0_111-b14)
```

```
Java HotSpot(TM) 64-Bit Server VM
```

Step 4: Install Scala and SBT

To install, you must have an installation manager such as Homebrew (available at homebrew.sh).

From a Terminal window, type:

```
$ brew install scala
```

```
$ brew install sbt
```

Step 5: Add Scala to environment variables

To set up your environment variables on a Mac, you need to add these commands to your `.bash_profile` file, which is located in your home directory. (Note: make sure that you don't have hidden files selected.)

```
export SCALA_HOME=/usr/local/share/scala
```

```
export PATH=$PATH:$SCALA_HOME/bin
```

Close and re-open the Terminal window, and type the following to verify the install: `scala -version`