

Week 5 FAQ

[Help](#)

Lectures

Where can I find source code for the examples in the lectures?

You can download the source code for the individual lectures here:

- [lecture 2](#)
- [lecture 3](#)
- [lecture 4](#)
- [lecture 5](#)

How can I run an actor program in Eclipse?

The source code from the lectures is given as an sbt project, or is given without any project definition. Here is one way to get this code to run in Eclipse. Hopefully these instructions will also be useful for setting up your own individual projects.

- Create an sbt project, if you haven't done so yet. For this, copy the below into a file called `build.sbt` and place this file into the top directory of your project. sbt by default expects Scala source files to be in the directory `src/main/scala`, so you possibly need to create this directory and copy the source files there.

```
name := "myActorProject"
scalaVersion := "2.10.2"
libraryDependencies ++= Seq(
  "com.typesafe.akka" %% "akka-actor" % "2.2.3",
  "com.typesafe.akka" %% "akka-testkit" % "2.2.3")
```

- Install the [sbteclipse](#) plugin; follow the instructions in the section "For the impatient". Note that it has been reported that sbteclipse also works with sbt versions earlier than 0.13.
- Start sbt by typing `"sbt"` in the terminal (while being in the top directory).
- While in sbt, use the `eclipse` command to create the project files necessary for an Eclipse project. You can instead say `eclipse with-source=true` in order to have the source packages for all dependencies properly set up as well.
- Import the created project into Eclipse.
- To run your application, you may need to create a new `_Run Configuration`, `_with main class akka.Main` and the first argument the fully-qualified name of your main actor class (e.g. `myPackage.myActorMain`). On some Eclipse installations, there is a bug and you need to define this Run Configuration as a **Java Application**, and not as a Scala Application.

How can I run the assignment tests in Eclipse?

You need to add the following annotation to the `BinaryTreeSuite` class:

@RunWith(classOf[JUnitRunner]), as well as the following two imports

```
import org.junit.runner.RunWith
import org.scalatest.junit.JUnitRunner
```

Created Fri 29 Nov 2013 5:41 AM PST

Last Modified Fri 13 Dec 2013 5:04 AM PST