


Running Scala in Eclipse using Play (in Windows 7)

Important: KEY step is to convert the Play project to Eclipse in play shell and having all required packages.

Install Play, Eclipse, Scala and JDK. Set the JAVA_HOME, PLAY_HOME and SCALA_HOME. Also add the respective bin folder path to the PATH variable

Create new play project “hello” as shown below. After that go to the root folder of hello and type command “play run” and see that the server is launched

```
E:\Play\play-2.2.6>play new hello
```



```
play 2.2.6 built with Scala 2.10.3 (running Java 1.8.0_171), http://www.playframework.com
```

The new application will be created in E:\Play\play-2.2.6\hello

What is the application name? [hello]
> hello

Which template do you want to use for this new application?

- 1 - Create a simple Scala application
- 2 - Create a simple Java application

> 1
OK, application hello is created.

Have fun!

```
E:\Play\play-2.2.6>cd hello
```

```
E:\Play\play-2.2.6\hello>play run
```

Java HotSpot(TM) Client VM warning: ignoring option MaxPermSize=256M; support removed in 8.0

Getting org.scala-sbt sbt 0.13.0 ...
:: retrieving :: org.scala-sbt#boot-app
confs: [default]
43 artifacts copied, 0 already retrieved (12440kB/1966ms)
[info] Loading project definition from E:\Play\play-2.2.6\hello\project

```

[info] Resolving com.typesafe.play#play-docs_2.10;2.2.6 ...
[info] Resolving com.typesafe.play#play-doc_2.10;1.0.3 ...
[info] Resolving org.pegdown#pegdown;1.4.0 ...
[info] Resolving org.parboiled#parboiled-java;1.1.5 ...
[info] Resolving org.parboiled#parboiled-core;1.1.5 ...
[info] Resolving org.ow2.asm#asm;4.1 ...
[info] Resolving org.ow2.asm#asm-tree;4.1 ...
[info] Resolving org.ow2.asm#asm-analysis;4.1 ...
[info] Resolving org.ow2.asm#asm-util;4.1 ...
[info] Resolving commons-io#commons-io;2.4 ...
[info] Resolving org.scala-lang#scala-compiler;2.10.3 ...
[info] Resolving org.scala-lang#jline;2.10.3 ...
[info] Resolving org.fusesource.jansi#jansi;1.4 ...
[info] Done updating.

--- <Running the application from SBT, auto-reloading is enabled> ---

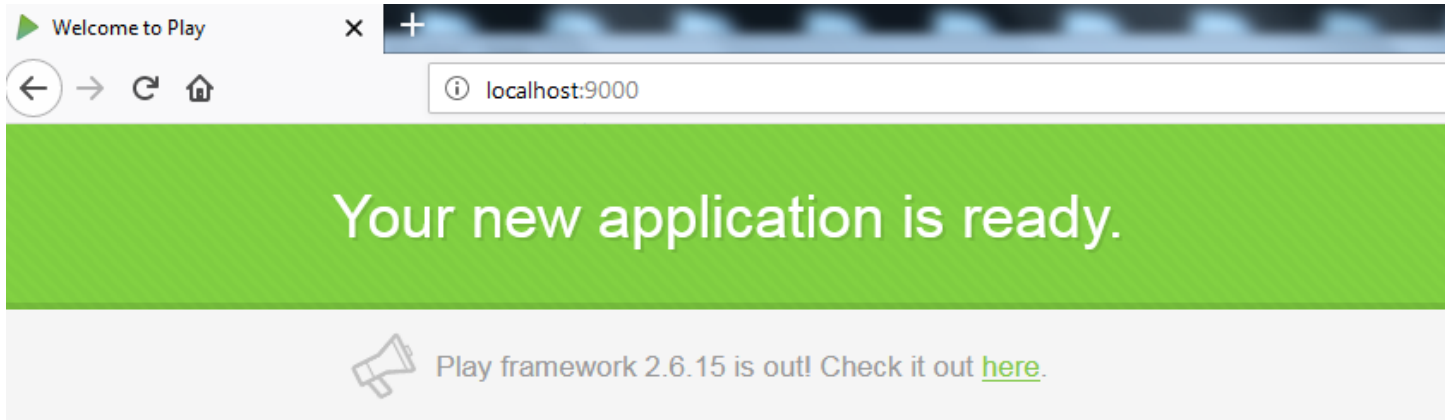
[info] play - Listening for HTTP on /0:0:0:0:0:0:0:0:9000

<Server started, use Ctrl+D to stop and go back to the console...>

[info] Compiling 5 Scala sources and 1 Java source to E:\Play\play-2.2.6\h
arget\scala-2.10\classes...
[info] 'compiler-interface' not yet compiled for Scala 2.10.3. Compiling..
[info] Compilation completed in 20.174 s
[info] play - Application started <Dev>

```

Quit the server and go to the root of the help project. Enter the PLAY prompt by typing play, once in play prompt, type “Eclipse”. This will create the Eclipse project files.



Welcome to Play

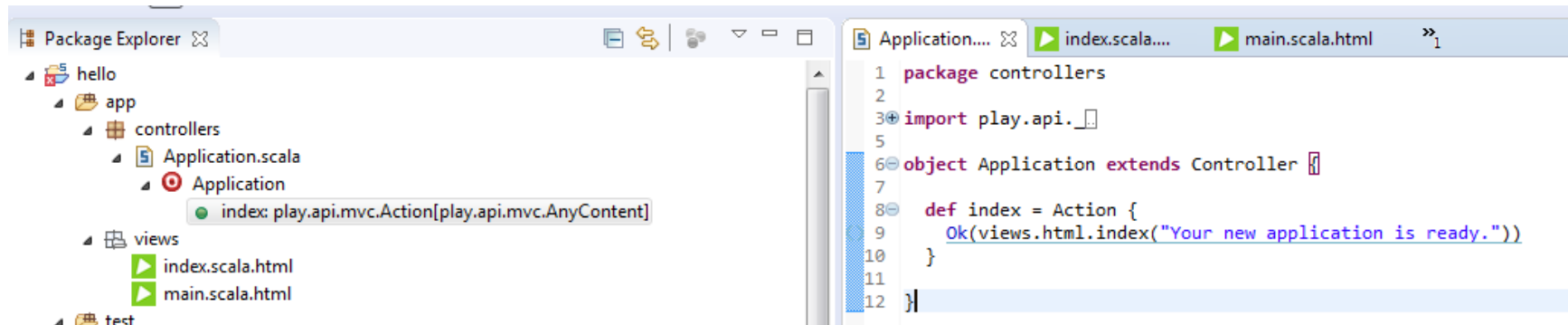
Congratulations, you've just created a new Play application. This page will help you with the few next steps.

You're using Play 2.2.6

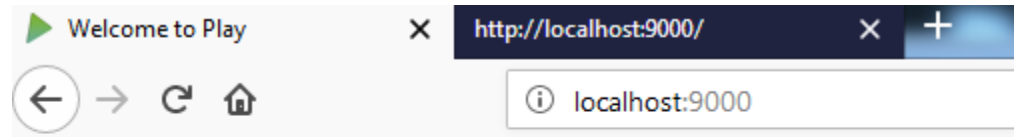
In Eclipse, modify the VIEW folder, index.scala.html to your desired message

```
Application... index.scala...  
1 @(message: String)  
2  
3 @main("Welcome to Play") {  
4  
5     <h1>@message</h1>  
6  
7 }  
8
```

This View will trigger to show the content from the controller: "Your new Application is ready"



Go to the : <http://localhost:9000/> and refresh. This will show



Your new application is ready.

Ctrl+D to stop server and quit

Remember, always go to the root of the project and run commands

NOTE: If you need more information and guidance, please reach out to me: vijaymohire@gmail.com