

00. FirstSetting

Playframework , Scala+Akka

Playframework J , .

Play JVM JAVA .

/ SBT . (Gradle)

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play frame work : <https://www.playframework.com/documentation/2.6.x/Home>

- SBT
- DOCKER

Step0. Play

Play Scala ChatRoom MVC +

New Project

Java

Java FX

IntelliJ Platform Plugin

Maven

Gradle

Groovy

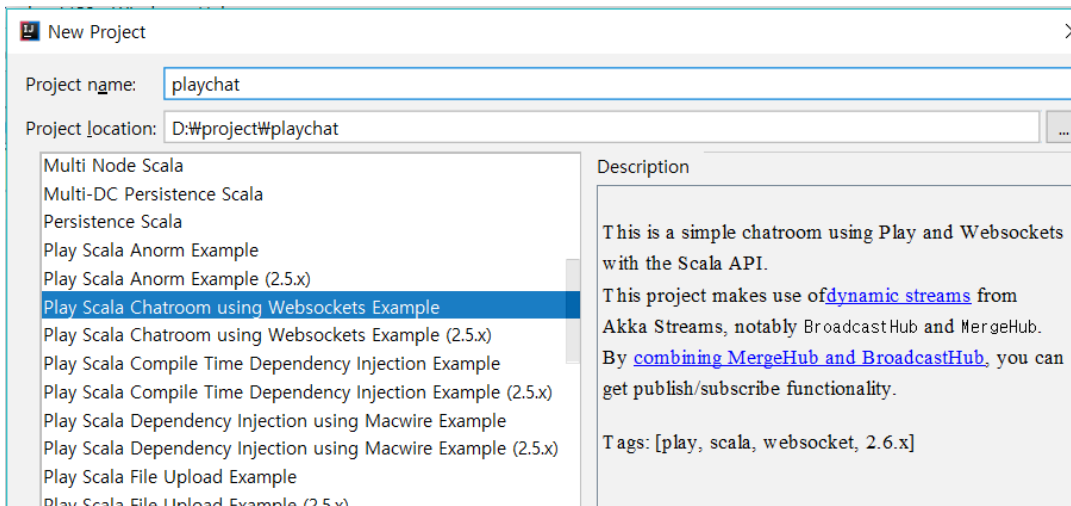
Griffon

Scala

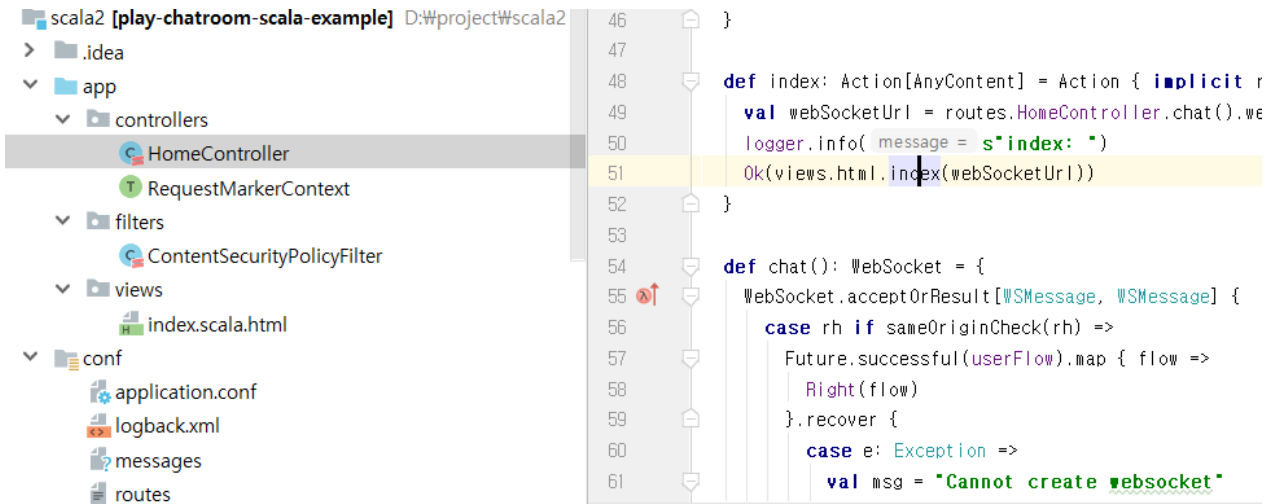
sbt

Lightbend Project Starter

IDEA



Step1.



application layout

- controller : MVC C
- filters : , .
- views : , .
- conf : playframework
- conf/routes : endpoint controller .

Step2.

Project

scala2 [play-chatroom-scala-example] D:\project\scala2

.idea

app

controllers

HomeController

RequestMarkerContext

filters

ContentSecurityPolicyFilter

views

index.scala.html

conf

application.conf

logback.xml

messages

routes

gradle

HomeController

1 package

2

3 import

4

5 import

6 import

7

8 import

9

10 /**

11 * Set

12 * webs

13

14 class

15

16 over

sbt shell

playwebsocket

model contains 18 documentable templates

[info] Done packaging.

[info] Main Scala API documentation successful.

[info] Packaging D:\project\scala2\target\scala-2.12\play-chatroom-sca

[info] Done packaging.

[info] Packaging D:\project\scala2\target\scala-2.12\play-chatroom-sca

[info] Done packaging.

[info] Your package is ready in D:\project\scala2\target\universal\pla

[success] Total time: 14 s, completed 2018. 10. 10 ? 12:55:355

[IJ][play-chatroom-scala-example] \$ compile

[success] Total time: 3 s, completed 2018. 10. 10 ? 1:18:322

[IJ][play-chatroom-scala-example] \$

> |

sbt shell

Terminal

Docker

Build

0: Messages

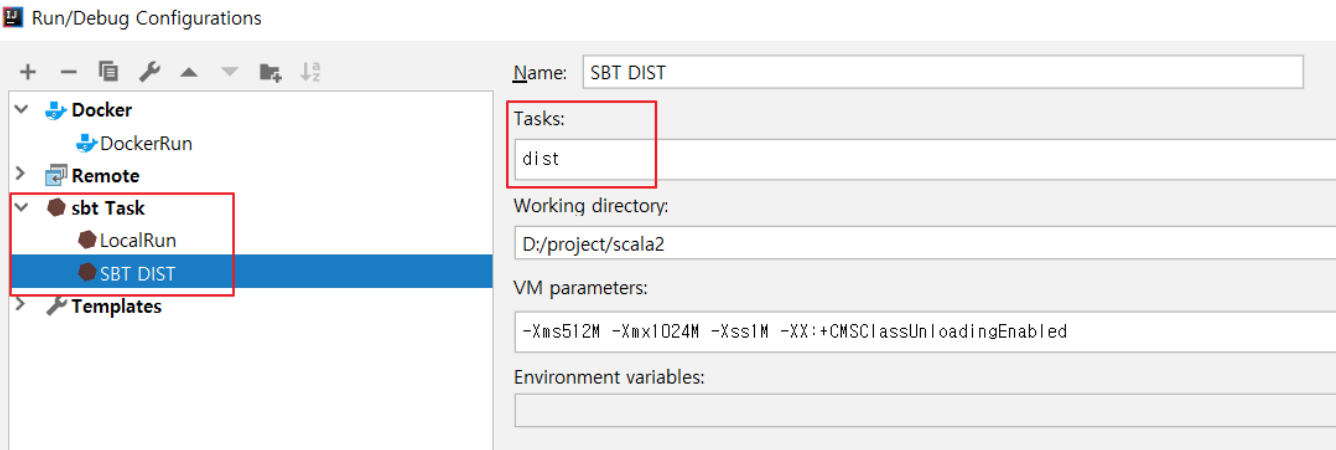
6: TODO

sbt

- compile : .
- run : , . ()
- dist : target/universal/{}.zip /bin jar .

Task

Task , .



Step3. Docker Build

Dockerfile

```
FROM openjdk:8-jre
COPY target/universal/play-chatroom-scala-example-2.6.x /svc
EXPOSE 9000 9443
CMD /svc/bin/play-chatroom-scala-example -Dhttps.port=9443 -Dplay.crypto.secret=secret
```

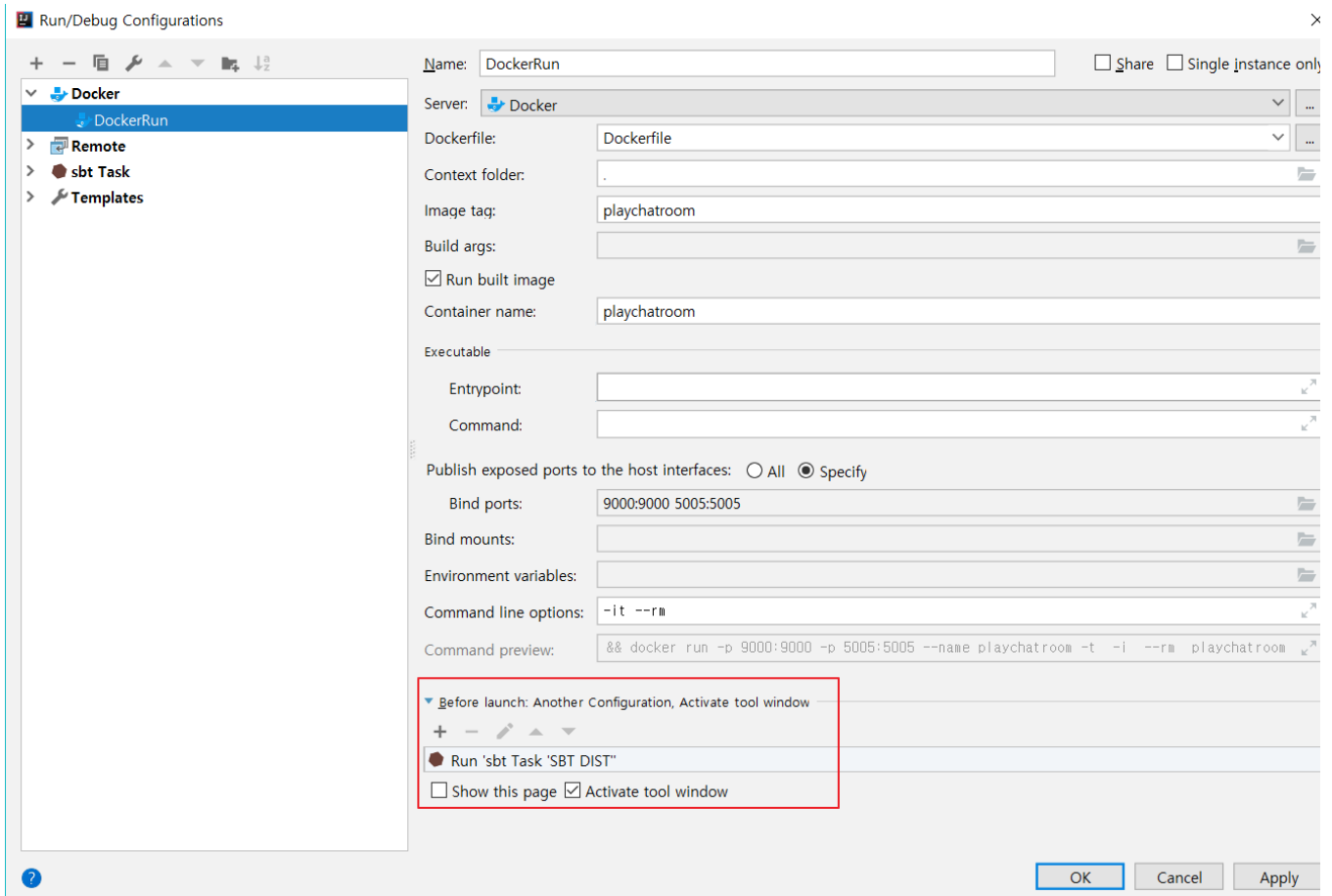
Dockerfile .sbt dist universal zip (unzip)

(.)

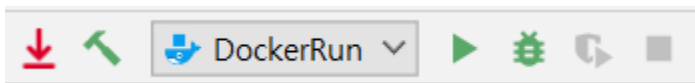
jre 9000(play), 9443(https) scala .

dockerbuild.bat

```
docker build -t playchatroom .
```



IDE , --



```
, .
, .
```

Docker .

- docker for sbt : <https://github.com/marcuslonnberg/sbt-docker>
- docker for debug : <https://medium.com/beyond/running-a-play-app-with-docker-locally-and-debugging-with-intellij-idea-746eaf1732da>

Dockerfile playchatroom .

```
D:\project\scala2>docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
playchatroom	latest	88e0b3cd5a14	10 minutes ago	484MB
openjdk	8-jre	66bf39162ea7	4 weeks ago	443MB

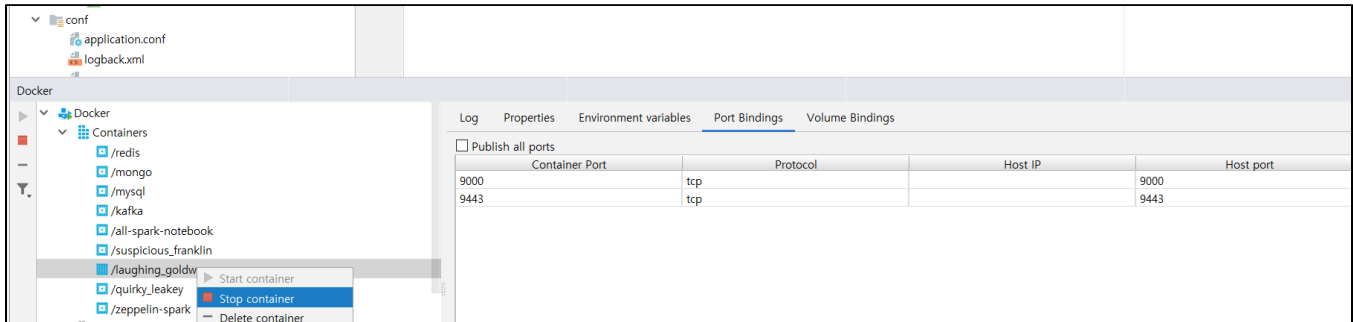
```
openjdk playcharroom .
```

Step4. Docker

dockerrun.bat

```
docker run -it -p 9000:9000 -p 9443:9443 --rm playchatroom
```

localhost <http://localhost:9000>



J Docker

