

DT Day7Task ↕ main ↕

ScalaTrainingMay24 – scala.scala [ScalaTrainingMay24]

Day7Task – Dockerfile [Day7Task]

Project ↕

Day7Task ~/Documents/Scala Training/Day7Task

> .bsp

> .idea

> project [Day7Task-build] sources root

> src

> main

> scala

main

> test

target

.gitignore

build.sbt

Dockerfile

External Libraries

Scratches and Consoles

main.scala Dockerfile ×

Plugins supporting Dockerfile files found.

Install Docker plugin

Ignore extension

1 FROM hseeberger/scala-sbt:11.0.13_1.6.1_2.13.7

2

3 # Set the working directory in the container

4 WORKDIR /app

5

6 # Copy the current directory contents into the container at /app

7 COPY . /app

8

9 # Compile and package the application

10 # RUN sbt clean compile stage

11

12 # Use the OpenJDK image for running the application

13 # FROM openjdk:11-jre-slim

14

15 # Copy the binary files from the previous stage

16 # COPY --from=build /app/target/universal/stage /app

17

18 # Set the working directory in the container

19 # WORKDIR /app

20

21 # Make port 9000 available to the world outside this container

22 # EXPOSE 9000

23

24 # Define environment variable

25 # ENV PLAY_HTTP_SECRET=thisisanapplicationsecretdonebyusingscala

26

27 # Run the binary script when the container launches

28 CMD sbt run

Terminal Local ×

branch 'main' set up to track 'origin/main'.
abhishekanand@apples-MacBook-Pro-9 Day7Task %

Day7Task > Dockerfile

19:15 LF UTF-8 [T] 4 spaces

Externally added files can be added to Git
View Files Always Add Don't Ask Again

DT Day7Taskmain

main

ScalaTrainingMay24 – scala.scala [ScalaTrainingMay24]

Day7Task – main.scala [Day7Task]

Project

Day7Task ~/Documents/Scala Training/Day7Task

.bsp

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project [Day7Task-build] sources root

src

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main.scala

Dockerfile

1import scala.io.StdIn

2

3@main "bheeshm1998"

4def main(): Unit = {

5

6var breakloop: Boolean = false;

7while(!breakloop) {

8println("Enter two numbers separated by space to add (type exit to exit)? ")

9val input = StdIn.readLine();

10if (input == "exit") {

11println("Exiting...")

12breakloop = true;

13} else{

14val parts = input.split(" ")

15if(parts.length != 2){

16println("Invalid input, the total numbers entered must be 2 ")

17} else{

18val num1 = parts(0).toInt;

19val num2 = parts(1).toInt;

20val sum = num1 + num2;

21

22println("The sum is "+ sum);

23}

24

25}

26

27}

28

29}

main()

Terminal

Local

branch 'main' set up to track 'origin/main'.

abhishekanand@apples-MacBook-Pro-9 Day7Task %

Day7Task > src > main > scala > main.scala

24:1 LF UTF-8 [T] 2 spaces

Externally added files can be added to Git

View Files Always Add Don't Ask Again

```
[info] Fetched artifacts of temp-module-f02db565ec103839151504cb68a2a8c6f03e
[info] compiling 1 Scala source to /app/target/scala-3.3.3/classes ...
[info] running main
Enter two numbers separated by space to add (type exit to exit)?
2 9
The sum is 11
Enter two numbers separated by space to add (type exit to exit)?
3 7
The sum is 10
Enter two numbers separated by space to add (type exit to exit)?
2222 445
The sum is 2667
Enter two numbers separated by space to add (type exit to exit)?
exit
Exiting...
```



```
# Run the binary script when the container launches
[CMD sbt run]abhishekanand@instance-scala-training:~/scala-console-app$ vi Dockerfile
abhishekanand@instance-scala-training:~/scala-console-app$ docker build -t scala-console .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  106.5kB
Step 1/4 : FROM hseeberger/scala-sbt:11.0.13_1.6.1_2.13.7
----> 265cd2022837
Step 2/4 : WORKDIR /app
----> Using cache
----> c024e10080fd
Step 3/4 : COPY . /app
----> 8f2ef921f7ab
Step 4/4 : CMD sbt run
----> Running in e78aeedefe37
Removing intermediate container e78aeedefe37
----> f665b8678cb4
Successfully built f665b8678cb4
Successfully tagged scala-console:latest
abhishekanand@instance-scala-training:~/scala-console-app$ docker run scala-console
[info] [launcher] getting org.scala-sbt sbt 1.10.0 (this may take some time)...
[info] [launcher] getting Scala 2.12.19 (for sbt)...
[info] welcome to sbt 1.10.0 (Oracle Corporation Java 11.0.13)
[info] loading project definition from /app/project
[info] loading settings for project root from build.sbt ...
[info] set current project to Day7Task (in build file:/app/)
[info] compiling 1 Scala source to /app/target/scala-3.3.3/classes ...
[info] done compiling
[info] running main
Enter two numbers separated by space to add (type exit to exit)?
```