

Impact

Run instruction

A) GitHub Run Instruction:

- 1, *git clone https://github.com/ZhongshanShi/Impact*
- 2, for UI, needs install Node.js (v14.16.0), run below two commands in terminal:
npm install
npm start
- 3, for Server, needs install (JDK 15, Maven 3.6.3), just run the Springboot application in any IDE like IntelliJ or Eclipse.

B) DockerHub Run Instruction :

- 1, run below command in terminal to pull server image from Docker-hub :
docker pull jayshidocker/docker-spring-boot:1.1.1

- 2, run below command in terminal to pull UI image from Docker-hub :
docker pull jayshidocker/react-impact:1.1.1

- 3, check whether the pull is completed, run below command:
docker images

you should see below two images in your docker:

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
jayshidocker/docker-spring-boot	1.1.1	348dd038d20d	16 minutes ago	823MB
jayshidocker/react-impact	1.1.1	7da80c3744ec	27 minutes ago	484MB

if you see both images, move to the next step.

- 4, run below command for springboot server (make sure port 9090 is not taken by other apps)

docker run -p 9090:9090 jayshidocker/docker-spring-boot:1.1.1

then copy below link to a browser to check server is up running:
<http://localhost:9090/impact.com/api/healthCheck>

you should see below response:

```
{
  "statusCode": 200,
  "message": "healthCheck successful"
}
```

5, open a new terminal and run below command for UI (make sure port 3000 is not taken by other apps)

```
docker run -p 3000:3000 jayshidocker/react-impact:1.1.1
```

6, open a new terminal and run below command to check both containers are running

```
docker ps
```

you should see below two containers in your docker:

CONTAINER ID	IMAGE	COMMAND	CREATED
95845e5d8fdb	jayshidocker/react-impact:1.1.1	"docker-entryptoint.s..."	About a minute a
908f2a006e2f	jayshidocker/docker-spring-boot:1.1.1	"java -jar impact-sp..."	4 minutes ago

7, Both UI and api server should be up now and you can test for full stack app in below port

<http://localhost:3000/>