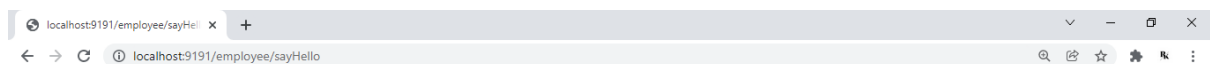
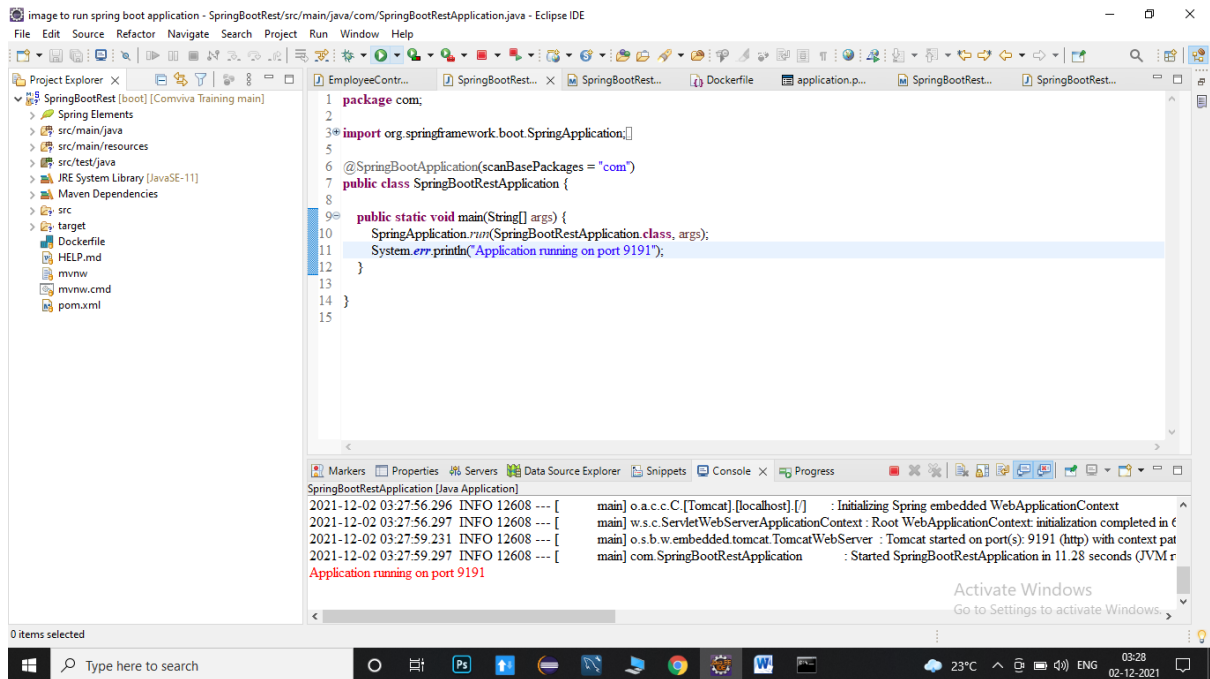


Phase 5 Project

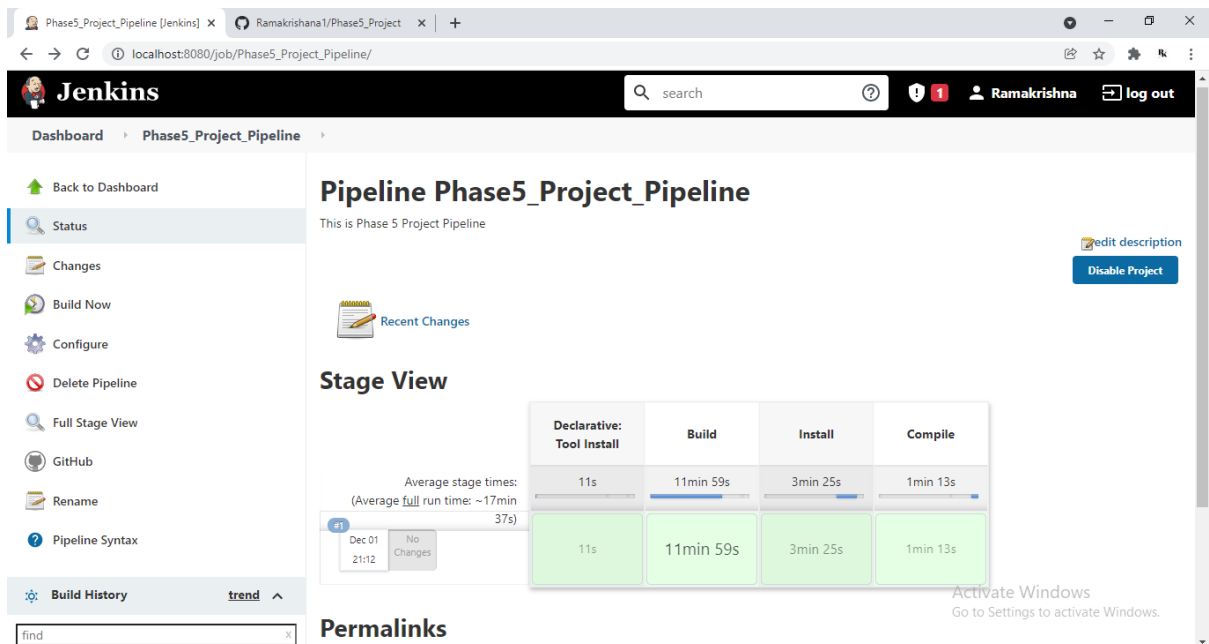
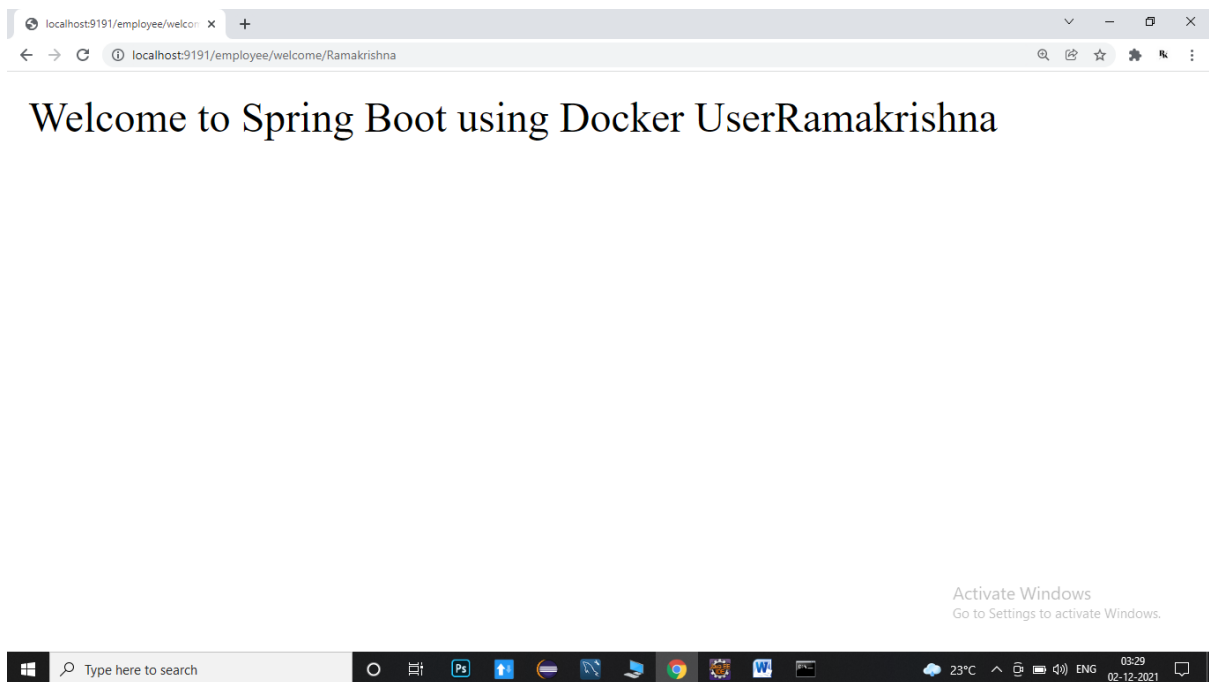
CI/CD Deployment for Spring Boot Application - Test

M. Ramakrishna



Welcome to Spring Boot using Docker





Phase5_Project_Pipeline [Jenkins] x Ramakrishana1/Phase5_Project x Assessment x +

localhost:8080/job/Phase5_Project_Pipeline/

Stage Logs (Build)

- Use a tool from a predefined Tool Installation -- MyMaven (self time 385ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 319ms)
- Use a tool from a predefined Tool Installation -- MyGit (self time 268ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 299ms)
- Git (self time 7s)

```
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/jenkins_home/workspace/Phase5_Project_Pipeline/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/Ramakrishana1/Phase5_Project.git # timeout=10
Fetching upstream changes from https://github.com/Ramakrishana1/Phase5_Project.git
> git --version # timeout=10
> git --version # 'git version 2.30.2'
> git fetch --tags --force --progress -- https://github.com/Ramakrishana1/Phase5_Project.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 22153ab333ba7661b72153edb925486f147d9172 (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f 22153ab333ba7661b72153edb925486f147d9172 # timeout=10
> git branch -a -v --no-abbrev # timeout=10
> git checkout -b main 22153ab333ba7661b72153edb925486f147d9172 # timeout=10
Commit message: "done"
First time build. Skipping changelog.
```

Shell Script -- mvn -Dmaven.test.failure.ignore=true clean package (self time 11min 49s)

Activate Windows
Go to Settings to activate Windows.

Phase5_Project_Pipeline [Jenkins] x Ramakrishana1/Phase5_Project x Assessment x +

localhost:8080/job/Phase5_Project_Pipeline/

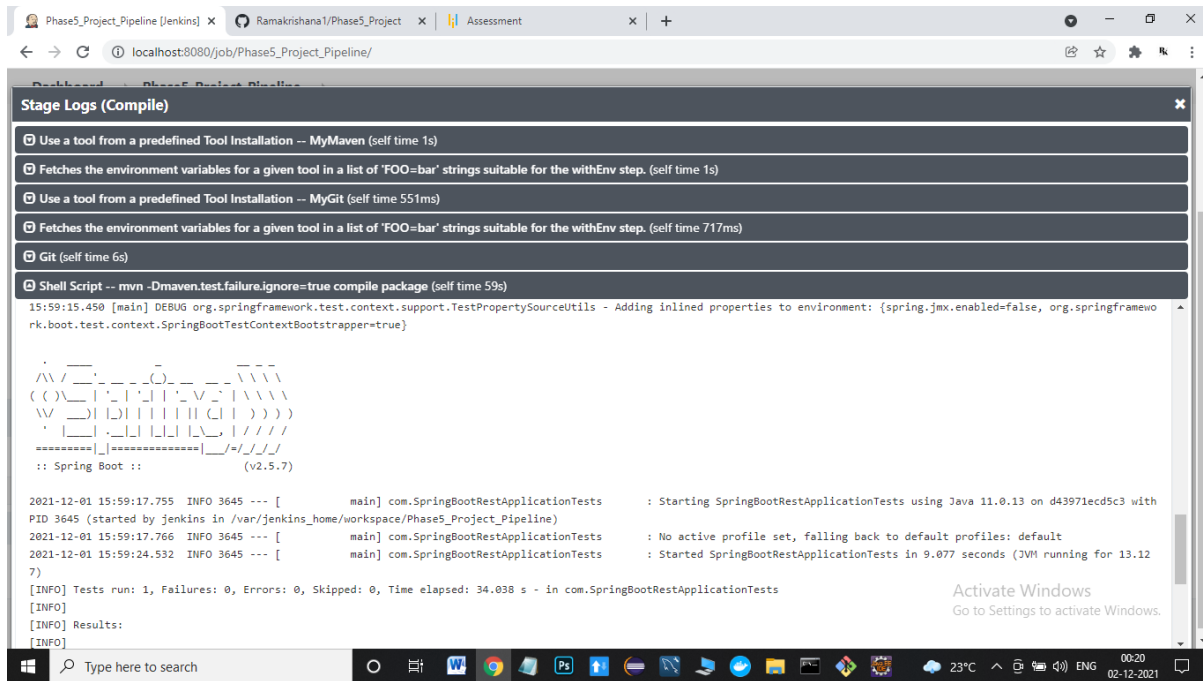
Stage Logs (Build)

- Use a tool from a predefined Tool Installation -- MyMaven (self time 385ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 319ms)
- Use a tool from a predefined Tool Installation -- MyGit (self time 268ms)
- Fetches the environment variables for a given tool in a list of 'FOO=bar' strings suitable for the withEnv step. (self time 299ms)
- Git (self time 7s)
- Shell Script -- mvn -Dmaven.test.failure.ignore=true clean package (self time 11min 49s)

```
Progress (3): 2.6/2.6 MB | 8.8 kB | 483/500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 487/500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 492/500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 496/500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 500 kB
Progress (3): 2.6/2.6 MB | 8.8 kB | 500 kB
Progress (3): 2.6 MB | 8.8 kB | 500 kB

Downloaded from central: https://repo.maven.apache.org/maven2/com/google/j2objc/j2objc-annotations/1.3/j2objc-annotations-1.3.jar (8.8 kB at 1.1 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB at 61 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar (2.6 MB at 316 kB/s)
[INFO] Replacing main artifact with repackaged archive
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 11:00 min
[INFO] Finished at: 2021-12-01T15:54:58Z
[INFO] -----
```

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Sign in [Jenkins] x Ramakrishana1/Phase5_Project x Practice Labs x S3 Management Console x +

s3.console.aws.amazon.com/s3/home?region=us-east-1

aws Services Search for services, features, blogs, docs, and more [Alt+S] Global Corestack_Role/m.madhugunike_comviva @ i-am-login

Amazon S3

- Buckets
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

- Dashboards
- AWS Organizations settings

Feature spotlight 3

Successfully created bucket "springboot-aws-rk"
To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3

► Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#) [View Storage Lens dashboard](#)

Buckets (1) Info [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Name	AWS Region	Access	Creation date
springboot-aws-rk	US East (N. Virginia) us-east-1	Objects can be public	December 2, 2021, 01:52:56 (UTC+05:30)

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my-aws-key.pem

Go to Settings to activate Windows. [Show all](#)

Type here to search

23°C ENG 01:53 02-12-2021

Sign in [Jenkins] x Ramakrishana1/Phase5_Project x Practice Labs x S3 Management Console x +

s3.console.aws.amazon.com/s3/upload/springboot-aws-rk?region=us-east-1

aws Services Search for services, features, blogs, docs, and more [Alt+S] Global Corestack_Role/m.madhugunike_comviva @ i-am-login

Upload succeeded
View details below.

Upload: status

[Close](#)

The information below will no longer be available after you navigate away from this page.

Summary

Destination s3://springboot-aws-rk	Succeeded 1 file, 16.7 MB (100.00%)	Failed 0 files, 0 B (0%)
---------------------------------------	--	-----------------------------

Files and folders Configuration

Files and folders (1 Total, 16.7 MB)

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my-aws-key.pem

Go to Settings to activate Windows. [Show all](#)

Type here to search

23°C ENG 01:56 02-12-2021

Sign in [Jenkins] x Ramakrishana1/Phase5_Proje x Practice Labs x S3 Management Console x springboot-aws-rk - S3 buck x +

s3.console.aws.amazon.com/s3/object/springboot-aws-rk?region=us-east-1&prefix=MySpringboot.jar

Services Search for services, features, blogs, docs, and more [Alt+S]

Global Corestack_Role/m.madhugunike_comviva @ i-am-login

Amazon S3

- Buckets
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3
- Storage Lens
 - Dashboards
 - AWS Organizations settings
- Feature spotlight 3

MySpringboot.jar

Copy S3 URI Download Open Object actions

Properties Permissions Versions

Object overview

Owner claaslabs+5f8f047b2d11de0678993f2a	S3 URI s3://springboot-aws-rk/MySpringboot.jar
AWS Region US East (N. Virginia) us-east-1	Amazon Resource Name (ARN) arn:aws:s3::springboot-aws-rk/MySpringboot.jar
Last modified December 2, 2021, 01:55:38 (UTC+05:30)	Entity tag (Etag) 391408093c68549aea5bd1739bf97bf7-2
Size 16.7 MB	Object URL

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my-aws-key.pem

Type here to search

23°C ENG 01:57 02-12-2021

```
ec2-user@ip-172-31-90-112:~
java -l1-amazon-corretto-devel.x86_64 1:11.0.13.8-1

Complete!
[ec2-user@ip-172-31-90-112 ~]$ sudo rpm --import
rpmkeys: no arguments given
[ec2-user@ip-172-31-90-112 ~]$ ls
SpringBootRest.jar
[ec2-user@ip-172-31-90-112 ~]$ java -jar SpringBootRest.jar

=====
:: Spring Boot ::
=====
(v2.5.7)

2021-11-29 07:29:24.067 INFO 3777 --- [main] com.SpringBootRestAppli
cation : Starting SpringBootRestApplication v0.0.1-SNAPSHOT using Jav
a 11.0.13 on ip-172-31-90-112:ec2.internal with PID 3777 (/home/ec2-user/SpringB
ootRest.jar started by ec2-user in /home/ec2-user)
2021-11-29 07:29:24.074 INFO 3777 --- [main] com.SpringBootRestAppli
cation : No active profile set, falling back to default profiles: def
ault
2021-11-29 07:29:26.803 INFO 3777 --- [main] o.s.b.w.embedded.tomcat
.TomcatWebServer : Tomcat initialized with port(s): 9191 (http)
2021-11-29 07:29:26.834 INFO 3777 --- [main] o.apache.catalina.core
.StandardService : Starting service [Tomcat]
2021-11-29 07:29:26.835 INFO 3777 --- [main] org.apache.catalina.cor
e.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.55]
2021-11-29 07:29:26.962 INFO 3777 --- [main] o.a.c.c.C.[Tomcat].[/loc
alhost].[/] : Initializing Spring embedded WebApplicationContext
2021-11-29 07:29:26.965 INFO 3777 --- [main] w.s.c.ServletWebServerA
pplicationContext : Root WebApplicationContext: initialization completed in 2765
ms
2021-11-29 07:29:28.303 INFO 3777 --- [main] o.s.b.w.embedded.tomcat
.TomcatWebServer : Tomcat started on port(s): 9191 (http) with context path ''
2021-11-29 07:29:28.328 INFO 3777 --- [main] com.SpringBootRestAppli
cation : Started SpringBootRestApplication in 5.498 seconds (JVM runn
ing for 6.523)
Application running on port number 9191
2021-11-29 07:32:51.280 INFO 3777 --- [nio-9191-exec-1] o.a.c.c.C.[Tomcat].[/loc
alhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2021-11-29 07:32:51.361 INFO 3777 --- [nio-9191-exec-1] o.s.web.servlet.Dispatc
herServlet : Initializing Servlet 'dispatcherServlet'
2021-11-29 07:32:51.383 INFO 3777 --- [nio-9191-exec-1] o.s.web.servlet.Dispatc
herServlet : Completed initialization in 2 ms
```

Welcome to Spring boot application using docker