

SETTING UP JENKINS PIPELINE

The screenshot shows the Jenkins 'Configure' page for a pipeline named 'My-REST-API-Server-Pipeline'. The 'Pipeline' tab is selected, and the 'Definition' is set to 'Pipeline script'. The 'Script' section contains the following Groovy code:

```
1 pipeline{
2
3   agent any
4
5   tools{
6     maven "my-maven-tool"
7   }
8
9   stages{
10
11     stage('checkout from Github'){
12
13       steps{
14
15         git branch: 'main', url: 'https://github.com/aw1app/s1-dec23.git'
16       }
17     }
18   }
19 }
```

Below the script, the 'Use Groovy Sandbox' checkbox is checked. At the bottom, there are 'Save' and 'Apply' buttons. The browser's address bar shows 'localhost:8080/job/My-REST-API-Server-Pipeline/configure'.

The screenshot shows the same Jenkins 'Configure' page, but with an updated pipeline script. The 'Script' section now contains the following Groovy code:

```
24   }
25   }
26   }
27   }
28   stage('Docker Image Creation') {
29
30     steps {
31       dir('PHASE3/spring-boot-rest-api-server') {
32         bat "docker build -t my-dec-batch-spring-app --output type=docker ."
33       }
34     }
35   }
36   }
37   }
38   }
39   }
40 }
```

The 'Use Groovy Sandbox' checkbox remains checked. The 'Save' and 'Apply' buttons are still present at the bottom. The browser's address bar remains the same.

My-REST-API-Server-Pipeline C x My-REST-API-Server-Pipeline # x Vara8321/java-Fsd-Phase-1 x docker file to run simple spring x Dockerize a Spring Boot app in x +

localhost:8080/job/My-REST-API-Server-Pipeline/2/console

Dashboard > My-REST-API-Server-Pipeline > #2

```
Downloaded from central: https://repo.maven.apache.org/maven2/commons-io/commons-io/2.13.0/commons-io-2.13.0.jar (484 kB at 191 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/shared/maven-dependency-tree/3.2.1/maven-dependency-tree-3.2.1.jar (43
kB at 15 kB/s)
[INFO] Replacing main artifact C:\ProgramData\Jenkins\jenkins\workspace\My-REST-API-Server-Pipeline\PHASE3\spring-boot-rest-api-
server\target\spring-boot-rest-api-server-0.0.1-SNAPSHOT.jar with repackaged archive, adding nested dependencies in BOOT-INF/.
[INFO] The original artifact has been renamed to C:\ProgramData\Jenkins\jenkins\workspace\My-REST-API-Server-Pipeline\PHASE3\spring-boot-rest-api-
server\target\spring-boot-rest-api-server-0.0.1-SNAPSHOT.jar.original
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 51.613 s
[INFO] Finished at: 2024-03-13T12:26:26+05:30
[INFO] -----
[Pipeline] }
[Pipeline] // dir
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.426.3

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