

Jenkins Pipeline to Deploy Docker Swarm Output

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Microsoft Windows [Version 10.0.19045.3208]
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C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>mvn clean -Dmaven.test.skip=true package
[INFO] Scanning for projects...
[INFO]
[INFO] com:DockerSwarm
[INFO]
[INFO] from pom.xml
[INFO]
[INFO] clean:3.2.0:clean @ DockerSwarm
[INFO] Deleting C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm\target
[INFO]
[INFO] resources:3.3.1:resources @ DockerSwarm
[INFO] Copying 1 resource from src/main/resources to target\classes
[INFO] Copying 0 resource from src/main/resources to target\classes
[INFO]
[INFO] compiler:3.11.0:compile @ DockerSwarm
[INFO] Changes detected - recompiling the module! :source
[INFO] Compiling 1 source file with javac [debug release 17] to target\classes
[INFO]
[INFO] resources:3.3.1:testResources @ DockerSwarm
[INFO] Not copying test resources
[INFO]
[INFO] compiler:3.11.0:testCompile @ DockerSwarm
[INFO] Not compiling test sources
[INFO]
[INFO] surefire:3.0.0:test @ DockerSwarm
[INFO] Tests are skipped.
[INFO]
[INFO] jar:3.1.0:jar @ DockerSwarm
[INFO] Building jar: C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm\target\DockerSwarm-0.0.1-SNAPSHOT.jar
[INFO]
C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>
2023-07-28T19:02:46.805+05:30 INFO 5548 --- [ main] com.DockerSwarmApplication : No active profile set, falling back to 1 default profile: "default"
2023-07-28T19:02:49.807+05:30 INFO 5548 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-07-28T19:02:49.808+05:30 INFO 5548 --- [ main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-07-28T19:02:49.808+05:30 INFO 5548 --- [ main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.11]
2023-07-28T19:02:49.305+05:30 INFO 5548 --- [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-07-28T19:02:49.308+05:30 INFO 5548 --- [ main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: Initialization completed in 3118 ms
```

Meet - abq-dyzb-zcy x localhost:8080

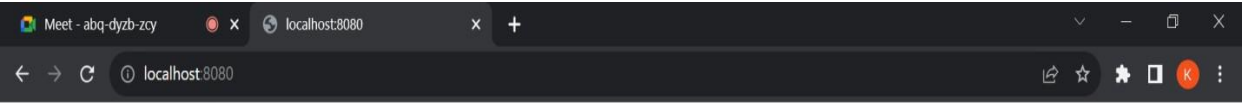
localhost:8080

[WEBAPPID java.util.Random@64b73e7a] Hello World from Spring

```
C:\WINDOWS\system32\cmd.exe x
2023-07-28T19:02:49.808+05:30 INFO 5548 --- [ main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.11]
2023-07-28T19:02:49.305+05:30 INFO 5548 --- [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-07-28T19:02:49.308+05:30 INFO 5548 --- [ main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 3118 ms
2023-07-28T19:02:50.155+05:30 INFO 5548 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2023-07-28T19:02:50.212+05:30 INFO 5548 --- [ main] com.DockerSwarmApplication : Started DockerSwarmApplication in 5.032 seconds (process running for 6.057)
2023-07-28T19:03:12.134+05:30 INFO 5548 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-07-28T19:03:12.336+05:30 INFO 5548 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2023-07-28T19:03:12.338+05:30 INFO 5548 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 2 ms
C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>docker build -t my-morning-spring-app --output type=docker .
[*] Building 4.7s (8/8) FINISHED
=> [internal] load build definition from Dockerfile
=> [internal] transferring dockerfile: 150B
=> [internal] load .dockerignore
=> [internal] load .dockerignore: 2B
=> [internal] load metadata for docker.io/library/eclipse-temurin:17-jdk-alpine
=> [auth] library/eclipse-temurin:pull token for registry-1.docker.io
=> [internal] load build context
=> [internal] transferring context: 18.99MB
=> CACHED [1/2] FROM docker.io/library/eclipse-temurin:17-jdk-alpine@sha256:3ecc5ed6648f5d9c92e53e8eb6361cfcfaf626220f8308332f239dfb03418c1c
=> [2/2] COPY target/*.jar app.jar
=> exporting to image
=> exporting layers
=> writing image sha256:b312b841c5e467de352846c6af9ef84c360c233e602f57db36d87c831002a17f
=> naming to docker.io/library/my-morning-spring-app
C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>docker run -d --name my-morning-spring-app -p 8080:8080 my-morning-spring-app
docker: Error response from daemon: Conflict. The container name "/my-morning-spring-app" is already in use by container "e81cad59f7ea080aeb269b51498a819e9171851743431fcbcbfad3c3864453". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.

C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS
3db078ff0c24   my-morning-spring-app              "java -jar /app.jar"    7 seconds ago Up 5 seconds  0.0.0.0:8080->8080/tcp   my-morning-spring-app1

C:\Users\kvisivasankar\OneDrive\Documents\GitHub\JAVAASSISTEDPROJECTS\DockerSwarm>
```



[WEBAPPID java.util.Random@78641d23] Hello World from Spring

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History trend

Filter builds...

#11

Jul 28, 2023, 7:16 PM

#5

Jul 28, 2023, 12:37 PM

Stage View

Average stage times:
(Average full run time: ~1min 23s)

	Declarative: Tool Install	Checkout from GitHub	Maven Build	Docker Image Creation
#11 Jul 28 19:16 No Changes	423ms	3s	12s	4s
#5 Jul 28 12:37 No Changes	173ms	1s	2min 21s	

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

All

S	W	Name	Last Success	Last Failure	Last Duration
✓	☀	hello-selenium-testng	6 days 5 hr #2	N/A	7.5 sec
✓	☁	my-morning-jenkins-pipeline	1 min 9 sec #11	6 hr 45 min #4	22 sec
✗	☁	selejenk	N/A	4 days 9 hr #3	10 sec
...	☀	seleniumproject	N/A	N/A	N/A