



Jenkins

1. Create a Jenkins account.

Dashboard [Jenkins]

localhost:9090

Import favorites

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 1

Kunal Gajbhiye

log out

Dashboard

+ New Item

People

Build History



Manage Jenkins

My Views

New View

All

+

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Fibonacci	19 hr #4	21 hr #2	2.1 sec

Icon:

S

M

L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

REST API

Jenkins 2.346.1

27°C Mostly cloudy

Search















 6



































ENG IN

13:53 16-07-2023

2. Using Jenkins, Compile and run Fibonacci series code which was made by you earlier.

Fibonacci #5 Console [Jenkins]

localhost:9090/job/Fibonacci/5/console

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 **Jenkins**

Search

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 2

Kunal Gajbhiye

log out

Dashboard > Fibonacci > #5

Back to Project

Status

Changes


Console Output

View as plain text

Edit Build Information

Delete build '#5'

Previous Build

 **Console Output**

Started by user [Kunal Gajbhiye](#)

Running as SYSTEM

Building in workspace C:\Users\kunal\.jenkins\workspace\Fibonacci

[Fibonacci] \$ cmd /c call C:\Users\kunal\AppData\Local\Temp\jenkins2264623050810516013.bat

C:\Users\kunal\.jenkins\workspace\Fibonacci>javac Fibonacci.java

C:\Users\kunal\.jenkins\workspace\Fibonacci>java Fibonacci

Fibonacci Series of 13 terms:

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144,


C:\Users\kunal\.jenkins\workspace\Fibonacci>exit 0

Finished: SUCCESS

REST APIJenkins 2.346.1

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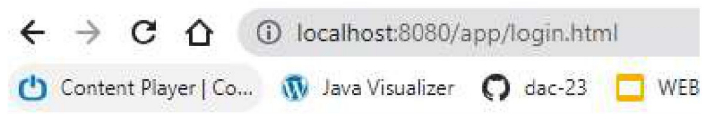


ENG
IN

13:54
16-07-2023

3. Deploy an application on tomcat using Jenkins.

```
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] [JENKINS] Recording test results
[INFO]
[INFO] --- war:3.3.2:war (default-war) @ my-shopping-app ---
[INFO] Packaging webapp
[INFO] Assembling webapp [my-shopping-app] in [C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-app\target\my-shopping-app-0.0.1-SNAPSHOT]
[INFO] Processing war project
[INFO] Copying webapp resources [C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-app\src\main\webapp]
[INFO] Building war: C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-app\target\my-shopping-app-0.0.1-SNAPSHOT.war
```



Login Page

4. Practice deployment of code using Git and Jenkins.



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Console Output

```
Established TCP socket on 51955
<===[JENKINS REMOTING CAPACITY]==>channel started
Executing Maven: -B -f C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-app\pom.xml package
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.cdac:my-shopping-app >-----
[INFO] Building my-shopping-app 0.0.1-SNAPSHOT
[INFO]   from pom.xml
[INFO] -----[ war ]-----
[INFO]
[INFO] --- resources:3.3.0:resources (default-resources) @ my-shopping-app ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-
app\src\main\resources
[INFO]
[INFO] --- compiler:3.10.1:compile (default-compile) @ my-shopping-app ---
[INFO] No sources to compile
[INFO]
[INFO] --- resources:3.3.0:testResources (default-testResources) @ my-shopping-app ---
```

```
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-
app\src\test\resources
[INFO]
[INFO] --- compiler:3.10.1:testCompile (default-testCompile) @ my-shopping-app ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- surefire:3.0.0:test (default-test) @ my-shopping-app ---
[INFO] Using auto detected provider org.apache.maven.surefire.junit4.JUnit4Provider
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.cdac.test.LoginTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.136 s - in com.cdac.test.LoginTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[JENKINS] Recording test results
[INFO]
[INFO] --- war:3.3.2:war (default-war) @ my-shopping-app ---
```

```
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.cdac.test.LoginTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.136 s - in com.cdac.test.LoginTest
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[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[JENKINS] Recording test results
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[INFO] --- war:3.3.2:war (default-war) @ my-shopping-app ---
[INFO] Packaging webapp
[INFO] Assembling webapp [my-shopping-app] in [C:\Users\Aditya Palkar\.jenkins\workspace\ci-cd-demo\my-shopping-app\target\my-shopping-app-0.0.1-SNAPSHOT]
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```