







Create a sample Jenkins CI/CD pipeline and share output logs and pipeline script

Creating pipeline - TestPipeline

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 **Jenkins**

 2  2  D C Shambhavi   log out


Dashboard > All >

Enter an item name


» Required field

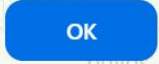

 **Freestyle project**

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

 **Pipeline**

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

 **Multi-configuration project**

 OK  e for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.


Adding pipeline script


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Dashboard > TestPipeline > Configuration

Configure

 General

 Advanced Project Options

 Pipeline

Definition

Pipeline script

Script ?

```
1 pipeline {  
2   agent any  
3  
4   stages {  
5     stage('Build') {  
6       steps {  
7         echo 'Building..'  
8         echo "Running ${env.BUILD_ID} ${env.BUILD_DISPLAY_NAME} on ${env.NODE_NAME} and JOB ${env.JOB_NAME}"  
9       }  
10    }  
11    stage('Test') {  
12      steps {  
13        echo 'Testing..'  
14      }  
15    }  
16    stage('Deploy') {  
17
```

☒ Use Groovy Sandbox ?

Save

Apply

Successfully ran the pipeline

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Search (CTRL+K)

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D C Shambhavi

log out

Jenkins

Dashboard > TestPipeline >

Status

Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Build History

Filter...

#1

May 13, 2024, 9:45 AM

Atom feed for all

Atom feed for failures

TestPipeline

Add description

Disable Project

Stage View

Average stage times:
(Average full run time: ~5s)

	Build	Test	Deploy
#1	494ms	164ms	124ms

Permalinks

Last build (#1), 3 min 29 sec ago

Last stable build (#1), 3 min 29 sec ago

Last successful build (#1), 3 min 29 sec ago

Last completed build (#1), 3 min 29 sec ago

Stage logs for Build

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Stage Logs (Build) ✕

🔍 Print Message -- Building.. (self time 201ms)

🔍 Print Message -- Running 1 #1 on built-in and JOB TestPipeline (self time 13ms)

📄 Status

🔗 TestPipeline

🔗 Add description

🔗 Disable Project

🔗 Changes

🔗 Build Now

⚙️ Configure

🗑️ Delete Pipeline

🔍 Full Stage View

✎️ Rename

❓ Pipeline Syntax

🌞 Build History trend ▾

🔍 Filter... /

✅ #1
May 13, 2024, 9:45 AM

Average stage times:
(Average full run time: ~5s)

#1
May 13 15:15
No Changes

Build	Test	Deploy
494ms	164ms	124ms

Permalinks

- Last build (#1), 3 min 29 sec ago
- Last stable build (#1), 3 min 29 sec ago

Stage logs for Test

India | Home | Engag | comm | Docker | Micro | Applic | mong | Instan | DevO | DevO | Te x | Buildi | +

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Stage Logs (Test) ✕

Print Message -- Testing.. (self time 14ms)

Testing..

</> Changes

▶ Build Now

⚙ Configure

🗑 Delete Pipeline

🔍 Full Stage View

✎ Rename

❓ Pipeline Syntax

🔗 Add description

Disable Project

🔦 Build History trend ▾

🔍 Filter... /

✔ #1
May 13, 2024, 9:45 AM

Stage View

Average stage times:
(Average full run time: ~5s)

Build	Test	Deploy
494ms	164ms	124ms
494ms	164ms	124ms

#1
May 13 15:15 No Changes

Permalinks

- Last build (#1), 3 min 29 sec ago
- Last stable build (#1), 3 min 29 sec ago

Stage logs for Deploy

India | Home | Engag | comm | Docker | Micro | Applic | mong | Instan | DevO | DevO | Te x | Buildi | +

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Stage Logs (Deploy) ✕

🗨 Print Message -- Deploying.... (self time 11ms)

Deploying....

</> Changes

▶ Build Now

⚙ Configure

🗑 Delete Pipeline

🔍 Full Stage View

✎ Rename

❓ Pipeline Syntax

🔆 Build History trend ▾

🔍 Filter... /

✓ #1
May 13, 2024, 9:45 AM

✎ Add description

Disable Project

Stage View

Average stage times:
(Average full run time: ~5s)

	Build	Test	Deploy
	494ms	164ms	124ms
#1 May 13 15:15 No Changes	494ms	164ms	124ms

Permalinks

- Last build (#1), 3 min 29 sec ago
- Last stable build (#1), 3 min 29 sec ago

Console Output

India | Home | Engag | comm | Docker | Micro | Applic | mong | Instan | DevO | DevO | Te x | Buildi | + | - |

Not secure 54.211.204.57:8080/job/TestPipeline/1/console | Search (CTRL+K) | D C Shambhavi

Dashboard > TestPipeline > #1

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#1'

Restart from Stage

Replay

Pipeline Steps

Workspaces

Console Output

Started by user D C Shambhavi

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in /var/lib/jenkins/workspace/TestPipeline

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Build)

[Pipeline] echo

Building..

[Pipeline] echo

Running 1 #1 on built-in and JOB TestPipeline

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Test)

[Pipeline] echo

Testing..

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Deploy)

[Pipeline] echo

Deploying....

[Pipeline] }

[Pipeline] // stage

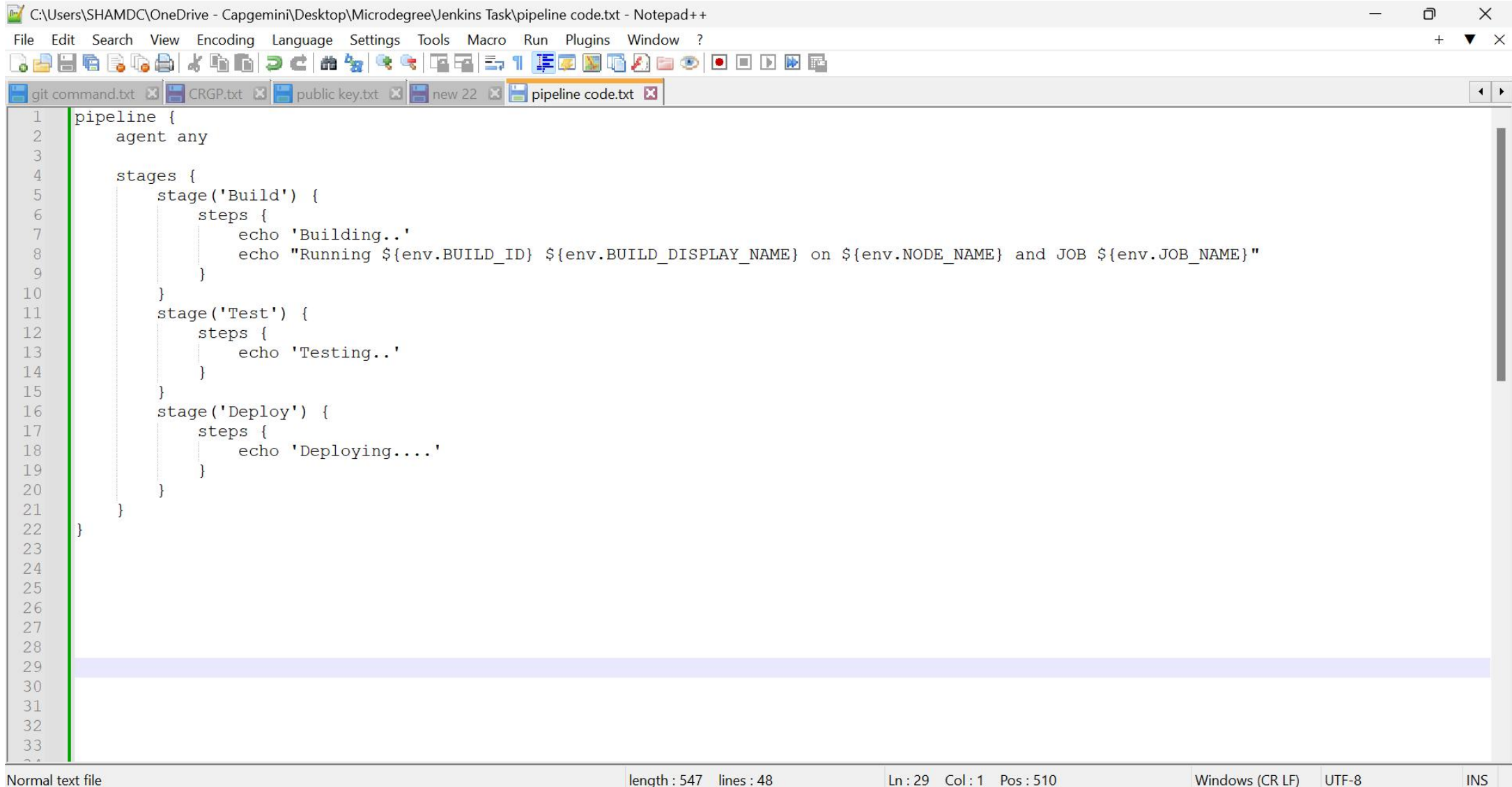
[Pipeline] }

[Pipeline] // node

[Pipeline] End of Pipeline

Finished: SUCCESS

Pipeline script



```
1 pipeline {
2   agent any
3
4   stages {
5     stage('Build') {
6       steps {
7         echo 'Building..'
8         echo "Running ${env.BUILD_ID} ${env.BUILD_DISPLAY_NAME} on ${env.NODE_NAME} and JOB ${env.JOB_NAME}"
9       }
10    }
11    stage('Test') {
12      steps {
13        echo 'Testing..'
14      }
15    }
16    stage('Deploy') {
17      steps {
18        echo 'Deploying....'
19      }
20    }
21  }
22 }
23
24
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26
27
28
29
30
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32
33
```

Normal text file length : 547 lines : 48 Ln : 29 Col : 1 Pos : 510 Windows (CR LF) UTF-8 INS