

Create Jenkins projects


Create Project by clicking on newitem

New Item

Enter an item name

Job1

Select an item type



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.

Click on free style project.

click on Ok

General

Enabled ☒

Description

Sample Project to understand the project flow

☒ Discard old builds ?

Strategy

Log Rotation

Days to keep builds

if not empty, build records are only kept up to this number of days

3

Max # of builds to keep

if not empty, only up to this number of build records are kept

5

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

Add build step ▾

Build Steps

Automate your build process with ordered tasks like code

Add build step ▲

Filter

Execute Windows batch command

Execute shell

Invoke Ant

Invoke Gradle script

Invoke top-level Maven targets

select execute shell.

≡ **Execute shell** ?

Command

[See the list of available environment variables](#)

```
java -version
```

click on save.

Dashboard > Job1 >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

Job1

Sample Project to understand the project flow

Permalinks

click on Build now

Builds

...

Filter

Today

✓ #2 4:50 AM

✓ #1 4:50 AM

so If you want to check details of a build click on that build no.

Dashboard > Job1 > #2

Status

</> Changes

Console Output

Edit Build Information

Delete build '#2'

Timings

Previous Build

✓ #2 (May 24, 2025, 4:50:53 AM)

Started by user [Sonam Soni](#)

This run spent:

- 41 ms waiting;
- 0.38 sec build duration;
- 0.42 sec total from scheduled to completion.

</>

No changes.

Click on console output

Dashboard > Job1 > #2 > Console Output

Status ✓ Console Output Download

</> Changes

Console Output

Edit Build Information

Delete build '#2'

Timings

Previous Build

```
Started by user Sonam Soni
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/Job1
[Job1] $ /bin/sh -xe /tmp/jenkins3524232602185401698.sh
+ java -version
openjdk version "21.0.7" 2025-04-15
OpenJDK Runtime Environment (build 21.0.7+6-Ubuntu-0ubuntu124.04)
OpenJDK 64-Bit Server VM (build 21.0.7+6-Ubuntu-0ubuntu124.04, mixed mode, sharing)
Finished: SUCCESS
```

You can see the success here.

If you want to change the existing project, then go to the project and click on configure.
add one more build step

Execute shell ?

Command

See [the list of available environment variables](#)

```
mvn -version
```

Now if you click on build it will fail

Status ✗ Console Output Download

</> Changes

Console Output

Edit Build Information

Delete build '#3'

Timings

Previous Build

```
Started by user Sonam Soni
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/Job1
[Job1] $ /bin/sh -xe /tmp/jenkins12781826693281354284.sh
+ java -version
openjdk version "21.0.7" 2025-04-15
OpenJDK Runtime Environment (build 21.0.7+6-Ubuntu-0ubuntu124.04)
OpenJDK 64-Bit Server VM (build 21.0.7+6-Ubuntu-0ubuntu124.04, mixed mode, sharing)
[Job1] $ /bin/sh -xe /tmp/jenkins17134400406289557956.sh
+ mvn -version
/tmp/jenkins17134400406289557956.sh: 2: mvn: not found
Build step 'Execute shell' marked build as failure
Finished: FAILURE
```

You can install maven in wsl to run this project with success.

in you wsl execute below command: `sudo apt install maven`

then again click on build now and you can see the project build success.