

Jenkins – package

The screenshot shows the Jenkins dashboard at localhost:8080. The 'New Item' button is highlighted in yellow. Below the dashboard, a form titled 'Enter an item name' shows 'package' entered in the text field, also highlighted in yellow. Below the form, two options are shown: 'Freestyle project' and 'Pipeline', both highlighted in yellow. The 'Freestyle project' option is selected.

Enter an item name

package

» Required field

Freestyle project

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Pipeline

OK

strates 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 freestyle job type.

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Source Code Management

☐ None

☒ Git ?

Repositories ?

Repository URL ?

<https://github.com/akshu20791/DevOpsClassCodes>

Please enter Git repository.

Credentials ?

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build Steps

Add build step

Filter

Execute Windows batch command

Execute shell

Invoke Ant

Invoke Gradle script

Invoke top-level Maven targets

Run with timeout

Set build status to "pending" on GitHub commit

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

Build Steps

Invoke top-level Maven targets ?

Goals

package

Advanced ▾

Add build step ▾

Save

Apply

Status

- Changes
- Workspace
- Build Now**
- Configure
- Delete Project
- Rename

Project package

Add di

Disab

Permalinks

← → ↻

localhost:8080/job/package/

Dashboard > package >

▶ Build Now

⚙️ Configure

🗑️ Delete Project

✎ Rename

Permalinks

- [Last build \(#1\), 12 sec ago](#) ▾
- [Last stable build \(#1\), 12 sec ago](#) ▾
- [Last successful build \(#1\), 12 sec ago](#) ▾
- [Last completed build \(#1\), 12 sec ago](#) ▾


☀️ Build History trend ▾

🔍 Filter builds... /

🟢 #1 ▾

| Jun 4, 2023, 2:49 PM ▾

📡 Atom feed for all

 Jenkins

🔍 Search (CTRL+K) ⓘ

🔔 1 🛡️ 2 👤 admin

Dashboard > package > #1 ▾

📄 Status

</> Changes

📄 Console Output

📄 Edit Build Information

🗑️ Delete build '#1'

🔗 Git Build Data

🟢 Build #1 (Jun 4, 2023, 2:49:37 PM)


Keep this build

📝 Add description

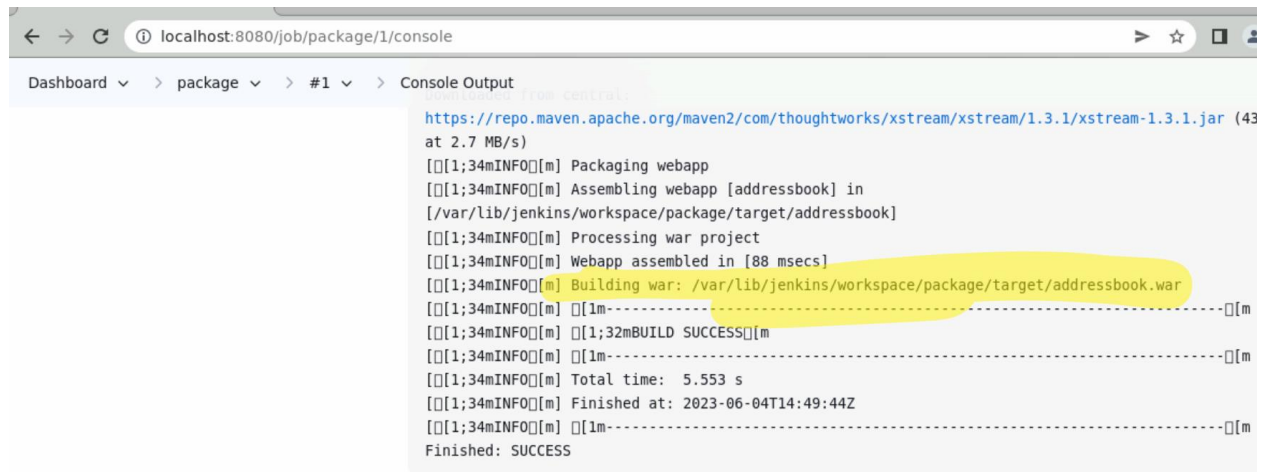
Started : Took 7.8

</> No changes.

🕒 Started by user admin ▾

 **Revision:** 1a0fe3284624dc95af366db76ac3e9296c0ca23b
Repository: <https://github.com/akshu20791/DevOpsClassCodes>

- refs/remotes/origin/master



The screenshot shows a web browser at the URL `localhost:8080/job/package/1/console`. The breadcrumb navigation shows `Dashboard > package > #1 > Console Output`. The console output displays the following log messages:

```
https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.3.1/xstream-1.3.1.jar (43
at 2.7 MB/s)
[1;34mINFO[m] Packaging webapp
[1;34mINFO[m] Assembling webapp [addressbook] in
[/var/lib/jenkins/workspace/package/target/addressbook]
[1;34mINFO[m] Processing war project
[1;34mINFO[m] Webapp assembled in [88 msecs]
[1;34mINFO[m] Building war: /var/lib/jenkins/workspace/package/target/addressbook.war
[1;34mINFO[m] [1m-----[m
[1;34mINFO[m] [1;32mBUILD SUCCESS[m
[1;34mINFO[m] [1m-----[m
[1;34mINFO[m] Total time: 5.553 s
[1;34mINFO[m] Finished at: 2023-06-04T14:49:44Z
[1;34mINFO[m] [1m-----[m
Finished: SUCCESS
```

Open the terminal

`cd /var/lib/jenkins/workspace/package/target`

`ls`



The screenshot shows a terminal window with a menu bar containing `File Edit View Search Terminal Help`. The terminal output is as follows:

```
akshu20791gmail@ip-172-31-83-7:~$ cd /var/lib/jenkins/workspace/package/target
akshu20791gmail@ip-172-31-83-7:/var/lib/jenkins/workspace/package/target$ ls
addressbook      classes          generated-test-sources  maven-status      test-classes
addressbook.war  generated-sources maven-archiver          surefire-reports
akshu20791gmail@ip-172-31-83-7:/var/lib/jenkins/workspace/package/target$
```