

Dashboard [Jenkins] localhost:8080

Jenkins

Dashboard >

+ New Item

All +

S	W	Name	Last Success	Last Failure	Last Duration
		MavenProject	5 min 4 sec #7	7 min 1 sec #6	4.2 sec
		Project1	13 days #2	N/A	83 ms

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

Windows Taskbar 3:24 PM 9/4/2023 9/4/2023

Dashboard [Jenkins] localhost:8080

Jenkins

Dashboard >

+ New Item

All +

S	W	Name	Last Success	Last Failure	Last Duration
		MavenProject	6 min 22 sec #7	8 min 19 sec #6	4.2 sec
		Project Compile	N/A	N/A	N/A
			13 days #2	N/A	83 ms

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

localhost:8080/job/Project%20Compile/configure

Windows Taskbar 3:25 PM 9/4/2023 9/4/2023

Project Compile Config [Jenkins] GitHub - anujdevopslearn/MavenBuild ...

Dashboard > Project Compile > Configuration

Source Code Management

Configure

General Source Code Management

Build Triggers Build Environment Build Steps Post-build Actions

None

Git

Repositories

Repository URL: https://github.com/anujdevopslearn/MavenBuild.git

Credentials

Advanced

Save Apply

Windows Taskbar 3:30 PM 9/4/2023 9/4/2023

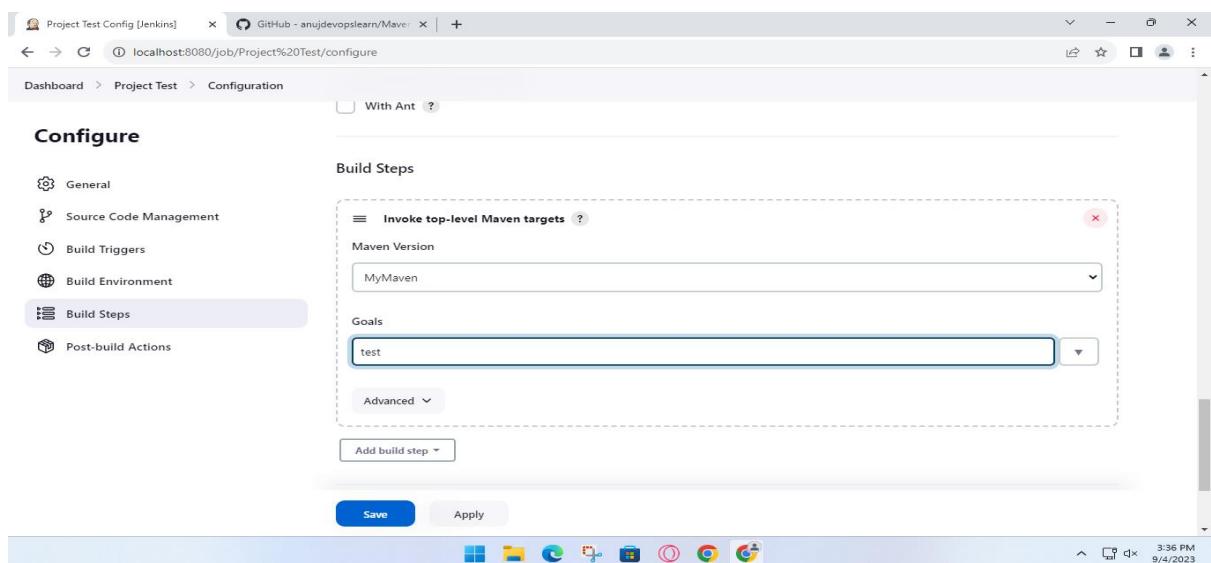
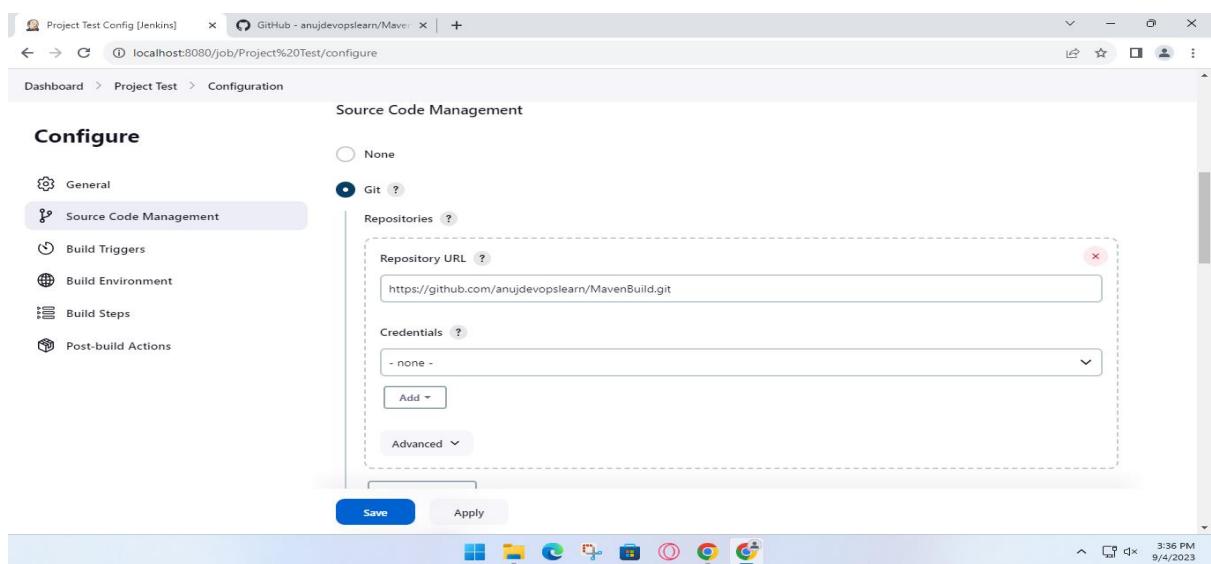
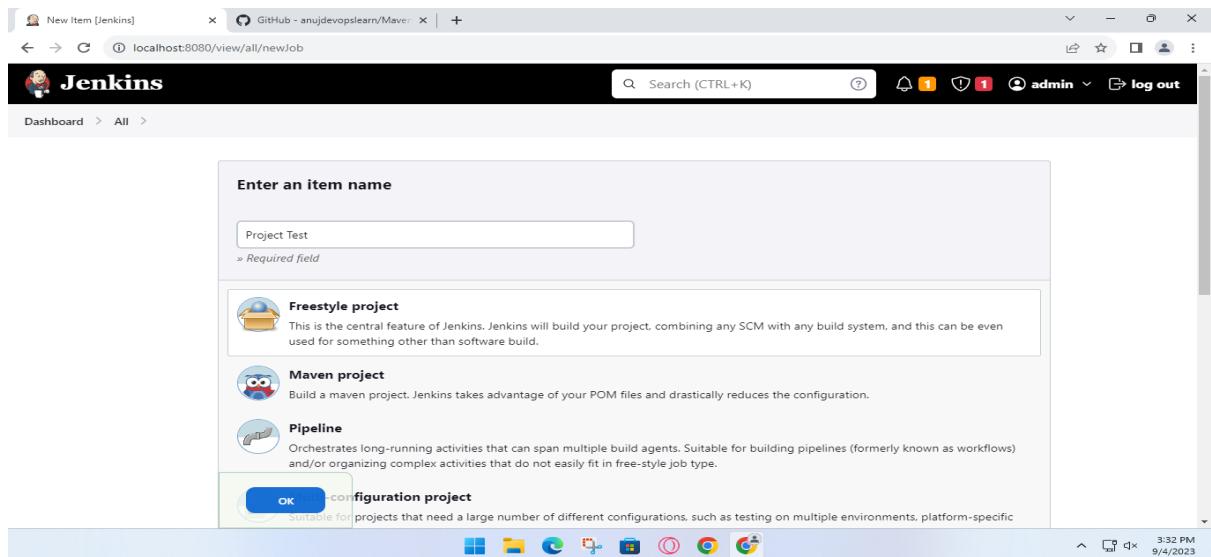
The screenshot shows the Jenkins configuration page for a project named "Project Compile". The "Build Steps" section is currently active. A dropdown menu titled "Add build step" is open, showing several options: "Execute Windows batch command", "Execute shell", "Invoke Ant", "Invoke Gradle script", "Invoke top-level Maven targets", "Run with timeout", and "Set build status to 'pending' on GitHub commit". The "Invoke top-level Maven targets" option is highlighted with a blue selection bar.

The screenshot shows the Jenkins configuration page after adding the "Invoke top-level Maven targets" step. The step is now listed under the "Build Steps" section. It has two main fields: "Maven Version" set to "MyMaven" and "Goals" set to "compile". There is also an "Advanced" dropdown button. Below the build steps, the "Post-build Actions" section is visible, containing "Save" and "Apply" buttons. The status bar at the bottom right indicates the time as 3:32 PM and the date as 9/4/2023.

The screenshot shows the Jenkins dashboard. On the left, there is a sidebar with links like "+ New Item", "People", "Build History", "Project Relationship", "Check File Fingerprint", "Manage Jenkins", and "My Views". The main area displays a table of build statistics for three projects:

S	W	Name	Last Success	Last Failure	Last Duration
Green	Cloud	MavenProject	13 min #7	15 min #6	4.2 sec
Green	Sun	Project Compile	16 sec #1	N/A	5.6 sec
Green	Sun	Project1	13 days #2	N/A	83 ms

Below the table, there are sections for "Build Queue" (No builds in the queue) and "Build Executor Status" (1 Idle). The status bar at the bottom right indicates the time as 3:32 PM and the date as 9/4/2023.



The screenshot shows the Jenkins dashboard with several projects listed in a table:

S	W	Name	Last Success	Last Failure	Last Duration
Green	Cloud	MavenProject	17 min #7	19 min #6	4.2 sec
Green	Sun	Project Compile	4 min 39 sec #1	N/A	5.6 sec
Green	Sun	Project Test	21 sec #1	N/A	5.6 sec
Green	Sun	Project1	13 days #2	N/A	83 ms

Below the table, there's a "Build Executor Status" section showing 1 idle and 2 idle executors. The bottom navigation bar includes links for Atom feed for all, failures, and just latest builds.

The screenshot shows the Jenkins workspace for the "Project Test" job. The left sidebar has options like Status, Changes, Workspace (which is selected), Build Now, Configure, Delete Project, and Rename. The main area displays the "Workspace of Project Test on Built-In Node" with a list of files and their details:

File	Modified	Size	Actions
deploy.yml	Sep 4, 2023, 3:36:38 PM	267 B	🔗 📺
Dockerfile	Sep 4, 2023, 3:36:38 PM	121 B	🔗 📺
Jenkinsfile	Sep 4, 2023, 3:36:38 PM	798 B	🔗 📺
pom.xml	Sep 4, 2023, 3:36:38 PM	1.35 KB	🔗 📺
README.md	Sep 4, 2023, 3:36:38 PM	385 B	🔗 📺
sonar-project.properties	Sep 4, 2023, 3:36:38 PM	270 B	🔗 📺

Below the file list, there's a "Build History" section showing one build from Sep 4, 2023, 3:36:38 PM. The bottom navigation bar includes links for Atom feed for all, failures, and just latest builds.

The screenshot shows the Jenkins workspace for the "Project Test" job, specifically for the "target" directory. The left sidebar is identical to the previous workspace view. The main area displays the "Workspace of Project Test on Built-In Node" with a list of files and their details:

File	Modified	Size	Actions
classes/com/geekcap/vmturbo			🔗 📺
generated-sources/annotations			🔗 📺
generated-test-sources/test-annotations			🔗 📺
maven-status/maven-compiler-plugin			🔗 📺
surefire-reports			🔗 📺
test-classes/com/geekcap/vmturbo			🔗 📺

Below the file list, there's a "Build History" section showing one build from Sep 4, 2023, 3:36:38 PM. The bottom navigation bar includes links for Atom feed for all, failures, and just latest builds.

The screenshot shows the Jenkins workspace for the 'Project Test' job. On the left, a sidebar lists options like Status, Changes, Workspace, Build Now, Configure, Delete Project, and Rename. The main area is titled 'Workspace of Project Test on Built-In Node'. It displays a list of artifacts from the latest build:

Name	Date	Size
com.geekcap.vmturbo.ThingTest.txt	Sep 4, 2023, 3:36:42 PM	312 B
TEST-com.geekcap.vmturbo.ThingTest.xml	Sep 4, 2023, 3:36:42 PM	5.95 KB

A link to download all files as a zip is provided. Below the artifacts, the 'Build History' section shows the most recent build (Sep 4, 2023, 3:36 PM) with links for Atom feed for all and Atom feed for failures.

The screenshot shows the Jenkins log output for the 'ThingTest' test set. The log message indicates that one test was run and no failures occurred.

```
Test set: com.geekcap.vmturbo.ThingTest
-----
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.030 s -- in com.geekcap.vmturbo.ThingTest
```

The screenshot shows the 'Configure' screen for the 'Project Test' job. The 'Post-build Actions' section is selected. A 'Publish JUnit test result report' step is configured with the 'Fileset "includes"' field set to 'target/surefire-reports/*.xml'. There are also checkboxes for 'Retain long standard output/error' and 'keep all the properties'. A 'Health report amplification factor' input field is set to '1.0'. At the bottom, there are 'Save' and 'Apply' buttons.

Screenshot of the Jenkins Project Test dashboard:

The dashboard shows the following details:

- Status:** Green (Build #2, 11 sec ago)
- Changes:** None
- Workspace:** None
- Build Now:** Available
- Configure:** Available
- Delete Project:** Available
- Rename:** Available
- Build History:** Trend: Last build (#2), 11 sec ago; Last stable build (#2), 11 sec ago; Last successful build (#2), 11 sec ago; Last completed build (#2), 11 sec ago.
- Test Result Trend:** Passed (green dot), Skipped (grey dot), Failed (red dot). Trend: 1 → 2.
- Permalinks:** Latest Test Result (no failures).

Bottom navigation bar: Atom feed for all, Atom feed for failures.

Screenshot of the Jenkins New Item creation screen:

The screen shows the following steps:

- Enter an item name:** Project Package (Required field).
- Project Type Selection:**
 - Freestyle project:** Description: 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.
 - Maven project:** Description: Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.
 - Pipeline:** Description: 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:** Description: Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.
- OK button:** Create a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a

Bottom navigation bar: Atom feed for all, Atom feed for failures.

Screenshot of the Jenkins Project Package Configuration screen:

The configuration screen shows the following settings:

- Source Code Management:** Git (Selected).
 - Repository URL:** https://github.com/anujdevopslearn/MavenBuild.git
 - Credentials:** - none - (dropdown menu)
 - Advanced:** Advanced dropdown menu.
- Save and Apply buttons:** Save, Apply.

Left sidebar navigation: General, Source Code Management (Selected), Build Triggers, Build Environment, Build Steps, Post-build Actions.

Bottom navigation bar: Atom feed for all, Atom feed for failures.

Project Package Config [Jenkins] | GitHub - anujdevopslearn/Maven... | +

localhost:8080/job/Project%20Package/configure

Dashboard > Project Package > Configuration

Configure

Build Steps

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Invoke top-level Maven targets

Maven Version: MyMaven

Goals: package

Advanced

Add build step

Save Apply

3:45 PM 9/4/2023

This screenshot shows the Jenkins configuration page for the 'Project Package' job. The 'Build Steps' section is active, displaying a single step: 'Invoke top-level Maven targets' with 'Goals' set to 'package'. The 'Maven Version' is configured to 'MyMaven'. There are tabs for 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', 'Build Steps', and 'Post-build Actions'. Buttons for 'Save' and 'Apply' are at the bottom.

Dashboard [Jenkins] | GitHub - anujdevopslearn/Maven... | +

localhost:8080

Jenkins

Search (CTRL+K)

admin log out

Dashboard >

+ New Item

People

All +

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

3:46 PM 9/4/2023

This screenshot shows the Jenkins dashboard. It features a search bar, user information, and navigation links like 'Dashboard', 'New Item', and 'Build History'. On the left, there's a sidebar with links for 'People', 'Build History', 'Project Relationship', 'Check File Fingerprint', 'Manage Jenkins', and 'My Views'. The main area displays a table of build history for jobs like 'MavenProject', 'Project Compile', 'Project Package', 'Project Test', and 'Project'. Below this is a 'Build Executor Status' section showing one idle executor. At the bottom, there are links for atom feeds and the current timestamp.

Project Compile Config [Jenkins] | GitHub - anujdevopslearn/Maven... | +

localhost:8080/job/Project%20Compile/configure

Dashboard > Project Compile > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build other projects

Projects to build: Project Test

Trigger only if build is stable (radio button selected)

Trigger even if the build is unstable

Trigger even if the build fails

Add post-build action

Save Apply

3:50 PM 9/4/2023

This screenshot shows the Jenkins configuration page for the 'Project Compile' job. The 'Post-build Actions' section is active, showing a step to 'Build other projects' with 'Project Test' selected. There are three radio button options for triggering: 'Trigger only if build is stable' (selected), 'Trigger even if the build is unstable', and 'Trigger even if the build fails'. Other tabs like 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', and 'Build Steps' are visible on the left. Buttons for 'Save' and 'Apply' are at the bottom.

Project Compile [Jenkins] GitHub - anujdevopslearn/Maven... | +

localhost:8080/job/Project%20Compile/

Jenkins

Dashboard > Project Compile >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

Build History trend ▾

Filter builds...

Sep 4, 2023 3:32 PM

Atom feed for all Atom feed for failures

Project Project Compile

Add description

Disable Project

Downstream Projects

Project Test

Permalinks

- Last build (#1), 18 min ago
- Last stable build (#1), 18 min ago
- Last successful build (#1), 18 min ago
- Last completed build (#1), 18 min ago

3:50 PM 9/4/2023

This screenshot shows the Jenkins dashboard for the 'Project Compile' job. It includes a sidebar with options like Status, Changes, Workspace, and Build Now. The main area displays the build history with the last four builds listed, each with a timestamp. A 'Downstream Projects' section shows a single project named 'Project Test'. The bottom right corner shows the date and time as 3:50 PM on 9/4/2023.

Project Test Config [Jenkins] GitHub - anujdevopslearn/Maven... | +

localhost:8080/job/Project%20Test/configure

Project Test Configuration

Dashboard > Project Test > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Build Triggers

Trigger builds remotely (e.g., from scripts) ?

Build after other projects are built ?

Projects to watch

Project Compile

Trigger only if build is stable

Trigger even if the build is unstable

Trigger even if the build fails

Always trigger, even if the build is aborted

Build periodically ?

GitHub hook trigger for GITScm polling ?

Poll SCM ?

Save Apply

3:51 PM 9/4/2023

This screenshot shows the 'Configuration' page for the 'Project Test' job. The 'Build Triggers' section is active, showing that it triggers after other projects are built. It also includes options for triggering based on stability, periodic builds, GitHub hooks, or SCM polling. The bottom right corner shows the date and time as 3:51 PM on 9/4/2023.

Project Test Config [Jenkins] GitHub - anujdevopslearn/Maven... | +

localhost:8080/job/Project%20Test/configure

Project Test Configuration

Dashboard > Project Test > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Post-build Actions

Build other projects

Projects to build

Project Package

Trigger only if build is stable

Trigger even if the build is unstable

Trigger even if the build fails

Publish JUnit test result report

Test report XMLs

Fileset 'includes' setting that specifies the generated raw XML report files, such as 'myproject/target/test-reports/*.xml'. Basedir of the

Save Apply

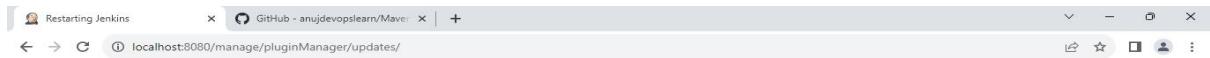
3:53 PM 9/4/2023

This screenshot shows the 'Configuration' page for the 'Project Test' job. The 'Post-build Actions' section is active, containing two items: 'Build other projects' (triggered only if stable) and 'Publish JUnit test result report' (with a note about fileset includes). The bottom right corner shows the date and time as 3:53 PM on 9/4/2023.

The screenshot shows the Jenkins Project Test dashboard. On the left, a sidebar includes links for Status, Changes, Workspace, Build Now, Configure, Delete Project, and Rename. The main area features a "Latest Test Result (no failures)" section with a green icon and a "Test Result Trend" chart. Below this are sections for "Upstream Projects" and "Downstream Projects". A "Build History" table lists two builds: #2 (Sep 4, 2023, 3:41 PM) and #1 (Sep 4, 2023, 3:36 PM). A "Permalinks" section provides links for the last build, last stable build, Atom feed for all, and Atom feed for failures. The bottom navigation bar includes icons for Windows, Mac, Linux, and various browsers.

The screenshot shows the Available plugins page in the Jenkins plugin manager. The sidebar has links for Updates, Available plugins (selected), Installed plugins, and Advanced settings. The main content area displays a table for the "Build Pipeline" plugin, version 1.5.8. The table columns are Install, Name, and Released. The "Install" column shows a checked checkbox. The "Name" column shows "Build Pipeline 1.5.8". The "Released" column shows "5 yr 8 mo ago". The plugin description mentions it renders upstream and downstream connected jobs for a build pipeline and offers manual triggers. A warning box notes a stored XSS vulnerability. Buttons at the bottom include "Install without restart" and "Download now and install after restart". The bottom navigation bar includes icons for Windows, Mac, Linux, and various browsers.

The screenshot shows the Download progress page in the Jenkins plugin manager. The sidebar has links for Updates, Available plugins, Installed plugins, Advanced settings, and Download progress (selected). The main content area displays a table for the "Build Pipeline" plugin, version 1.5.8. The table columns are Preparation, Parameterized Trigger, Oracle Java SE Development Kit Installer, Command Agent Launcher, jQuery, Build Pipeline, and Loading plugin extensions. The "Preparation" row has three items: "Checking internet connectivity", "Checking update center connectivity", and "Success". The "Parameterized Trigger" row has one item: "Success". The "Oracle Java SE Development Kit Installer" row has one item: "Success". The "Command Agent Launcher" row has one item: "Success". The "jQuery" row has one item: "Success". The "Build Pipeline" row has one item: "Success". The "Loading plugin extensions" row has one item: "Success". A note at the bottom says "you can start using the installed plugins right away". A button at the bottom right says "Restart Jenkins when installation is complete and no jobs are running". The bottom navigation bar includes icons for Windows, Mac, Linux, and various browsers.



Edit View [Jenkins] GitHub - anujdevopslearn/Maven... | +

localhost:8080/view/DevOps%20CICD%20Pipeline%20/configure

Dashboard > DevOps CICD Pipeline > Configure

Build Executor Status

1 Idle
2 Idle

Pipeline Flow

Layout

Based on upstream/downstream relationship

This layout mode derives the pipeline structure based on the upstream/downstream trigger relationship between jobs. This is the only out-of-the-box supported layout mode, but is open for extension.

Upstream / downstream config

Select Initial Job ?

Project Compile

Trigger Options

Build Cards

OK Apply

Windows Taskbar icons

4:04 PM 9/4/2023

The screenshot shows the Jenkins Pipeline Flow configuration page. It displays the build executor status (1 Idle, 2 Idle). Under Pipeline Flow, the layout is set to 'Based on upstream/downstream relationship'. In the Upstream / downstream config section, 'Project Compile' is selected as the initial job. The Trigger Options section includes a 'Build Cards' button with OK and Apply buttons. The taskbar at the bottom shows various application icons.

Edit View [Jenkins] GitHub - anujdevopslearn/Maven... | +

localhost:8080/view/DevOps%20CICD%20Pipeline%20/configure

Dashboard > DevOps CICD Pipeline > Configure

Display Options

No Of Displayed Builds ?

3

Row Headers

Just the pipeline number

Show just the build pipeline number

Column Headers

No header

Do not show any column headers

Refresh frequency (in seconds) ?

3

OK Apply

Windows Taskbar icons

4:09 PM 9/4/2023

The screenshot shows the Jenkins Display Options configuration page. It allows setting the number of displayed builds (3), choosing row headers ('Just the pipeline number'), and selecting column headers ('No header'). Refresh frequency is set to 3 seconds. The taskbar at the bottom shows various application icons.

