

## Module 6: Jenkins Assignment – 3

1. Create a pipeline in Jenkins
2. Once push is made to “develop” a branch in Git, trigger job “test”. This will copy Git files to test node
3. If test job is successful, then prod job should be triggered
4. Prod jobs should copy files to prod node
  - Navigated to the test job and in the post build actions set prod to trigger after test job

The screenshot shows the Jenkins Configuration page for the 'test' job. The breadcrumb navigation at the top is 'Dashboard > test > Configuration'. On the left, the 'Configure' section has a sidebar with options: General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The 'Post-build Actions' section is highlighted. The main content area shows a 'Post-build Actions' section with a 'Build other projects' button. Below this, there is a 'Projects to build' text input field containing 'Prod'. There are three radio button options: 'Trigger only if build is stable' (selected), 'Trigger even if the build is unstable', and 'Trigger even if the build fails'. At the bottom of this section is an 'Add post-build action' button. Below the configuration area are 'Save' and 'Apply' buttons.

- Similarly navigated to prod job and removed the webhook trigger and set to trigger after test job

The screenshot shows the Jenkins Configuration page for the 'Prod' job. The breadcrumb navigation at the top is 'Dashboard > Prod > Configuration'. On the left, the 'Configure' section has a sidebar with options: General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The 'Build Triggers' section is highlighted. The main content area shows a 'Build Triggers' section with several options: 'Trigger builds remotely (e.g., from scripts)' (unchecked), 'Build after other projects are built' (checked), 'Build periodically' (unchecked), and 'Always trigger, even if the build is aborted' (unchecked). Below the 'Build after other projects are built' option is a 'Projects to watch' text input field containing 'test,'. There are three radio button options: 'Trigger only if build is stable' (selected), 'Trigger even if the build is unstable', and 'Trigger even if the build fails'. At the bottom of this section are 'Save' and 'Apply' buttons.

- Then navigated to dash board and created a pipeline with test as a initial job

Dashboard > New view

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

New view

Name

pipeline

Type

☒ Build Pipeline View

Shows the jobs in a build pipeline view. The complete pipeline of jobs that a version propagates through are shown as a row in the view.

☐ List View

Shows items in a simple list format. You can choose which jobs are to be displayed in which view.

☐ My View

This view automatically displays all the jobs that the current user has an access to.

Create

Dashboard > pipeline > Configure

Build Executor Status

Built-In Node

1 Idle

2 Idle

slave1

1 Idle

slave2

1 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 ?

test

Trigger Options

Build Cards

Standard build card

OK

Apply

Pipe line is created and prod is triggered after test

Dashboard > pipeline >

Build Pipeline

Run

History

Configure

Add Step

Delete

Manage

Pipeline #5

#5 test  
Jan 3, 2024 10:17:12 AM  
0:37 sec

→

Prod  
N/A  
N/A