

## QA – Job3 of the pipeline

Dashboard >

+ New Item

People

Build History


All +


Ad


Enter an item name


qa-akshat

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

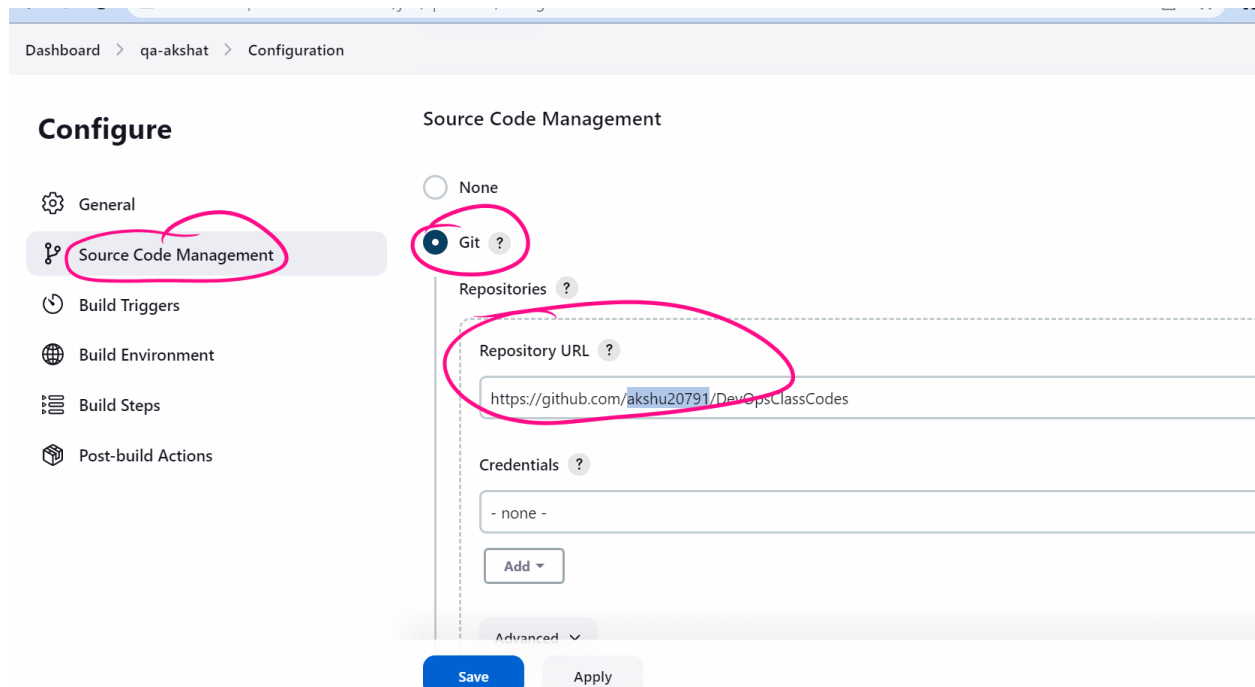
**Folder**  
is a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a new namespace, so you can have multiple things of the same name as long as they are in different folders.

OK

##

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

(you can fork this repo)



##

Click on build steps

<https://maven.apache.org/plugins/maven-pmd-plugin/>

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EXAMPLES

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Multimodule

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Aggregating PMD

## Apache Maven PMD Plugin

The PMD Plugin allows you to automatically run the PMD code analysis tool on your project's source code and generate a site report with its results. It also supports the separate Copy/Paste Detector tool (or CPD) distributed with PMD.

This version of Maven PMD Plugin uses PMD 6.55.0 and requires Java 8. See [Upgrading PMD at Runtime](#) for more information.

The plugin accepts configuration parameters that can be used to customize the execution of the PMD tool.

### Goals Overview

This plugin has the following goals:

- `pmd:pmd` creates a PMD site report based on the rulesets and configuration set in the plugin. It can also generate a pmd output file aside from the site report in any of the following formats: xml, csv or txt.
- `pmd:aggregate-pmd` creates a PMD site report in an **aggregator** project based on the rulesets and configuration set in the plugin. It can also generate a pmd output file aside from the site report in any of the following formats: xml, csv or txt.
- `pmd:aggregate-pmd-no-fork` creates a PMD site report in an **aggregator** project without forking the `test-compile` phase again.
- `pmd:cpd` creates a report for PMD's Copy/Paste Detector (CPD) tool. It can also generate a cpd results file in any of these formats: xml, csv or txt.

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## Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

☐ Add timestamps to the Console Output

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

### 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

REST AP

##

## Configure

General

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- ☐ Inspect build log for published build scans
- ☐ Terminate a build if it's stuck
- ☐ With Ant ?

### Build Steps

Invoke top-level Maven targets ?

Goals

pmd:pmd

Advanced ▾

Add build step ▾

Save

Apply

##

Status

Changes

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Configure

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Rename

## Project qa-akshat

### Permalinks

 **Jenkins**

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🔍 Filter builds... /

🟢 #1

Jun 3, 2023, 5:20 PM

## Project qa-akshat

✎️

### Permalinks

- [Last build \(#1\), 23 sec ago](#)
- [Last stable build \(#1\), 23 sec ago](#)
- [Last successful build \(#1\), 23 sec ago](#)
- [Last completed build \(#1\), 23 sec ago](#)

### we will now be generating the reports of the analysis done by the pmd tools