

## How to generate the reports of QA job:

The screenshot shows the Jenkins 'Manage Jenkins' page. On the left sidebar, 'Manage Jenkins' is highlighted. The main content area displays the 'Build Queue' table, which lists two jobs: 'code-compile' and 'code-qa'. Both jobs are in a 'Success' state (green checkmark) and are scheduled to run on a 'Sun' (sun icon). The 'code-compile' job has a 'Last Success' of 28 min #1 and a 'Last Duration' of 12 sec. The 'code-qa' job has a 'Last Success' of 25 min #1 and a 'Last Duration' of 10 sec. Below the table, there is a warning message about a plugin update for 'code-qa'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	Sun	code-compile	28 min #1	N/A	12 sec
✓	Sun	code-qa	25 min #1	N/A	10 sec

**System Configuration**

- System**: Configure global settings and paths.
- Tools**: Configure tools, their locations and auto installers.
- Plugins** (81): Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
- Nodes and Clouds**: Add, remove, control and monitor the nodes that Jenkins runs jobs on.

**Security**

Dashboard > Manage Jenkins >



Updates



Available plugins



Installed plugins



Advanced settings

Search for Warnings Next Generation plugin. And install it without restart .

Dashboard > Manage Jenkins > Plugins



Updates



Available plugins



Installed plugins



Advanced settings



Download progress

## Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

commons-text API

Downloaded Successfully. Will be activated during the next boot

SCM API

Downloaded Successfully. Will be activated during the next boot

Pipeline: API

Downloaded Successfully. Will be activated during the next boot

Plugin Utilities API

Downloaded Successfully. Will be activated during the next boot

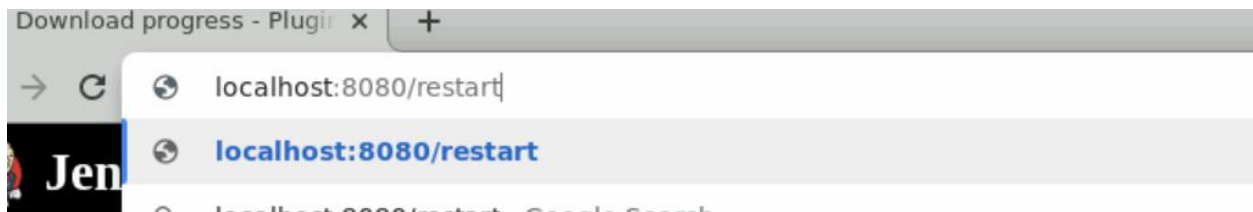
Font Awesome API

Downloaded Successfully. Will be activated during the next boot

JAXB

Downloaded Successfully. Will be activated during the next boot

We will now restart the Jenkins:



Again login to jenkins :

All		+				
S	W	Name ↓	Last Success	Last Failure	Last Duration	
✓	☀	code-compile	33 min #1	N/A	12 sec	
✓	☀	code-qa	31 min #1	N/A	10 sec	
✓	☀	code-testing	32 min #2	N/A	5 sec	

Jenkins

Search (CTRL+K)

admin log out

Dashboard > code-qa >

Status

Changes

Workspace

Build Now

Configure

Delete Project

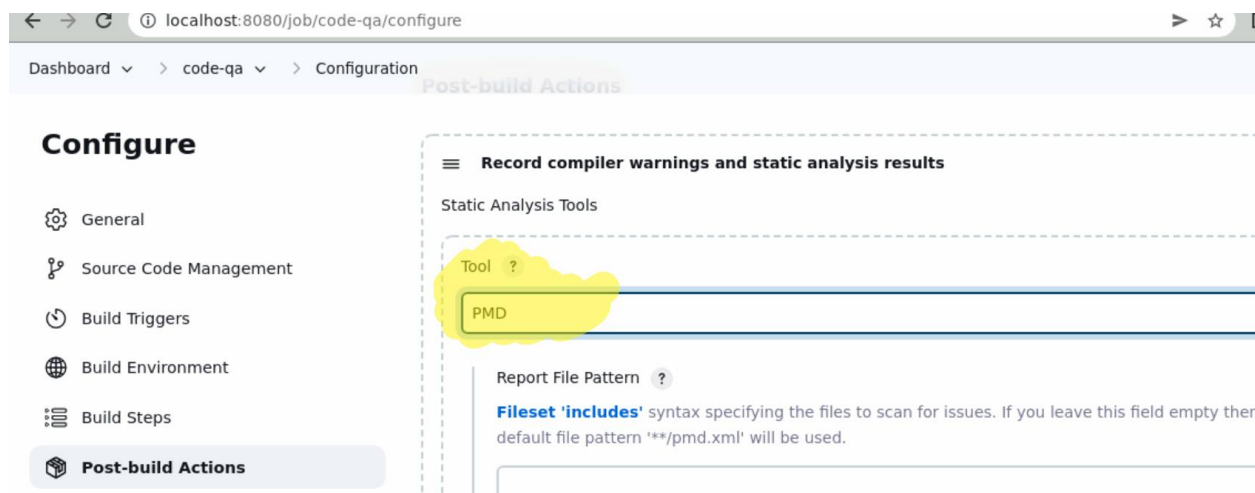
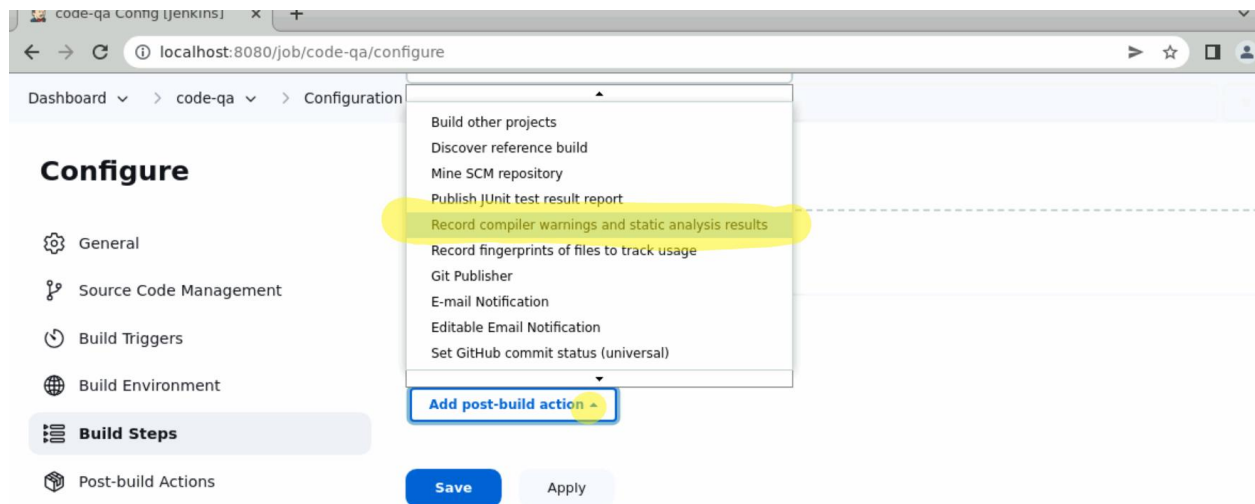
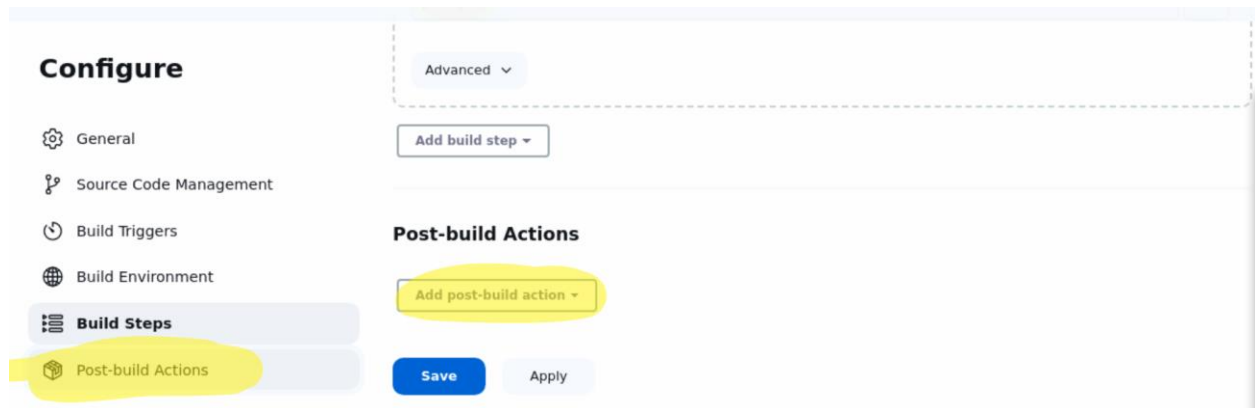
### Project code-qa

#### Permalinks

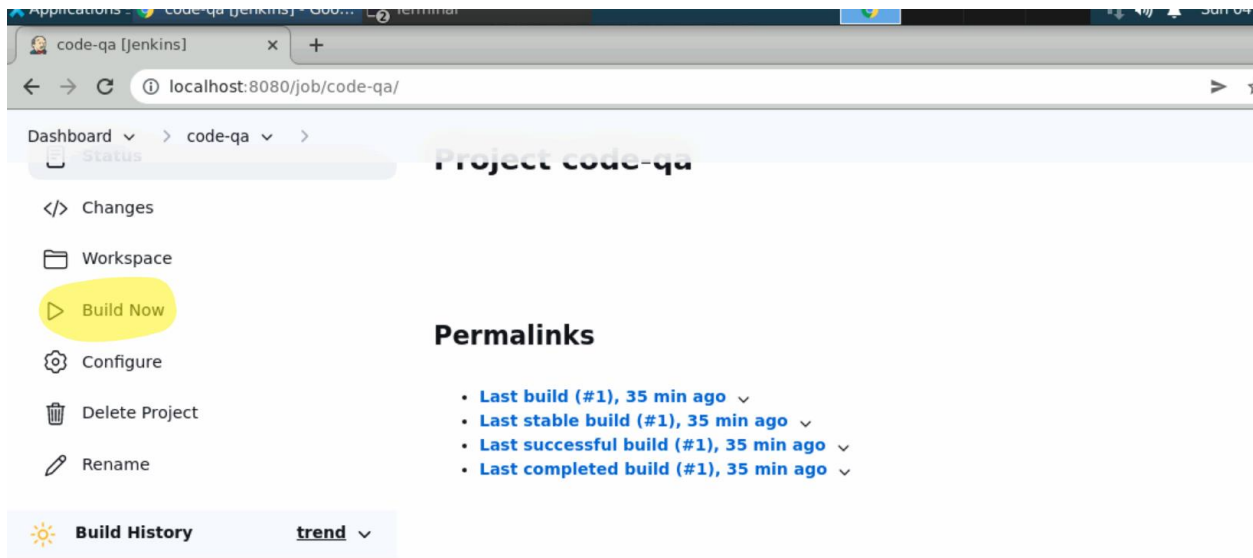
- Last build (#1), 32 min ago
- Last stable build (#1), 32 min ago
- Last successful build (#1), 32 min ago

##

After the build is done we need to generate the report

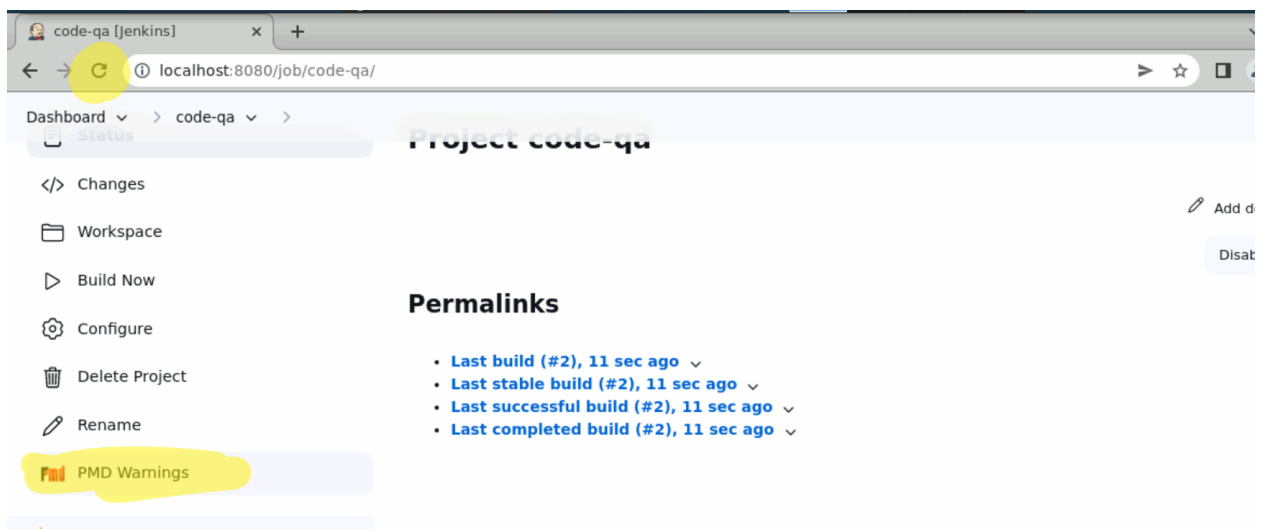


Save



The screenshot shows the Jenkins web interface for a project named 'code-qa'. The browser address bar indicates the URL is 'localhost:8080/job/code-qa/'. On the left sidebar, the 'Build Now' button is highlighted with a yellow circle. The main content area displays the project name 'Project code-qa' and a section titled 'Permalinks' with four links: 'Last build (#1), 35 min ago', 'Last stable build (#1), 35 min ago', 'Last successful build (#1), 35 min ago', and 'Last completed build (#1), 35 min ago'. At the bottom left, there is a 'Build History' section with a 'trend' dropdown.

Refresh once after build is done

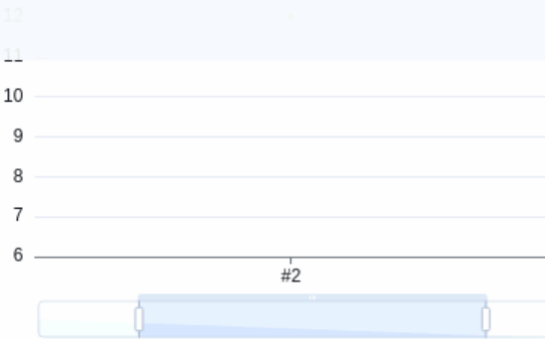


The screenshot shows the Jenkins web interface for the same project 'code-qa' after a refresh. The browser address bar shows the same URL. The 'Build Now' button remains highlighted. The 'Permalinks' section now shows build #2: 'Last build (#2), 11 sec ago', 'Last stable build (#2), 11 sec ago', 'Last successful build (#2), 11 sec ago', and 'Last completed build (#2), 11 sec ago'. A new 'PMD Warnings' button is visible at the bottom left, also highlighted with a yellow circle. On the right side, there are buttons for 'Add d' and 'Disat'.

> PMD Warnings



High Normal Low



Details

Packages Files Categories Types Issues