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Batch 3 – DevOps

Lab Exercise 6.1

Managing Jenkins Freestyle Jobs

Objective: To manage Jenkins job by creating, renaming, and deleting freestyle job, facilitating streamlined job configuration and maintenance within the Jenkins environment

Tools required: Jenkins

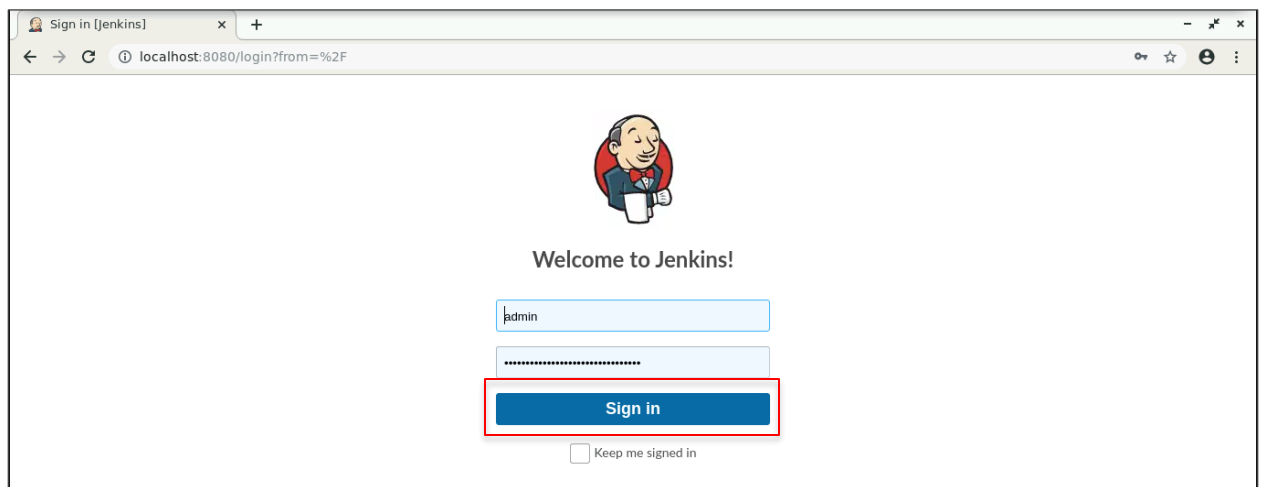
Prerequisites: None

Steps to be followed:

1. Create a new Freestyle Job
2. Rename and delete the FreeStyle Job

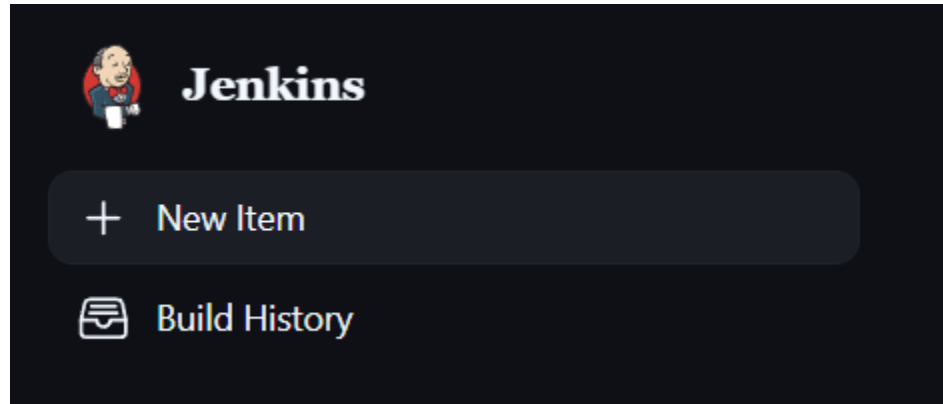
Step 1: Create a new Freestyle Job

- 1.1 Open the browser, go to the Jenkins Dashboard by typing **localhost:8080** in your browser, provide the credentials, and click the **Sign in** button

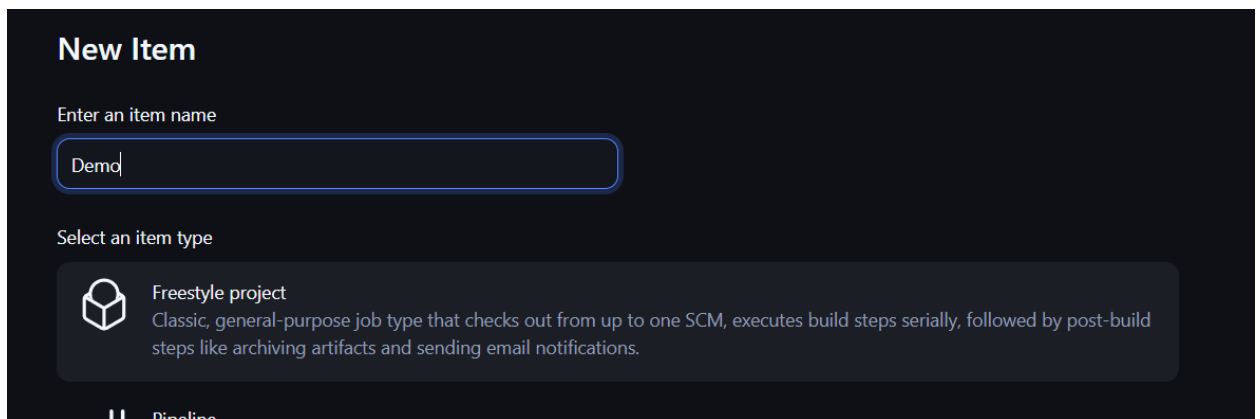


Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.

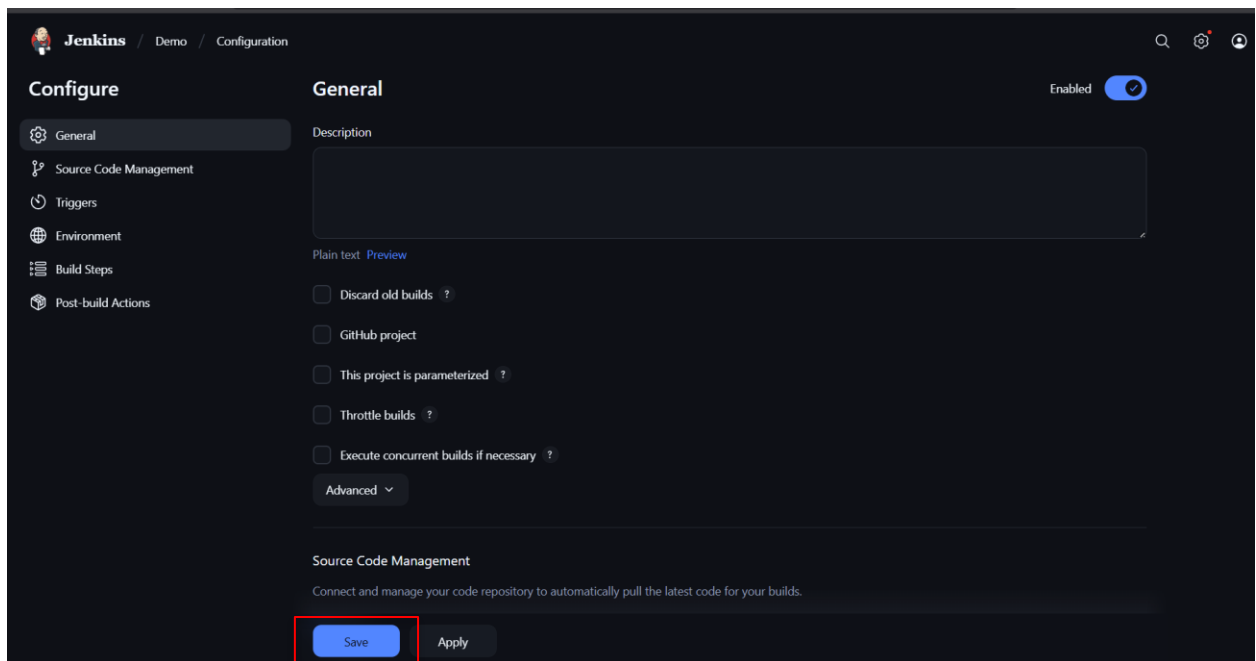
1.2 Click on **New Item** in the Jenkins **Dashboard**



1.3 Enter a name for your project, select **Freestyle project** as the build job type, and click on **OK**

A screenshot of the "New Item" form in Jenkins. The title "New Item" is at the top left. Below it is a text input field with the placeholder "Enter an item name" and the text "Demo" entered. Below the input field is a section titled "Select an item type". Under this section, the "Freestyle project" option is selected and highlighted. It has a cube icon to its left. To the right of the icon, the text "Freestyle project" is followed by a description: "Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications." Below this, the "Pipeline" option is partially visible.

1.4 Click on **Save**

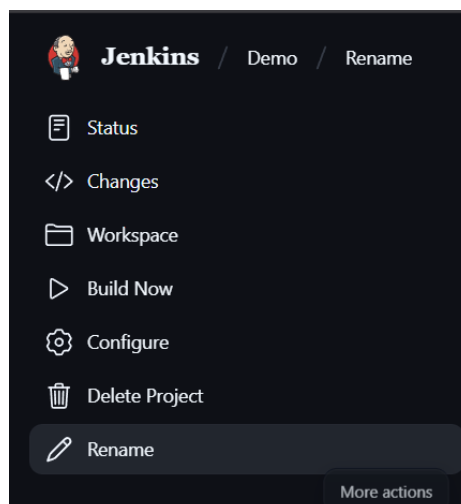


Step 2: Rename and delete the Freestyle Job

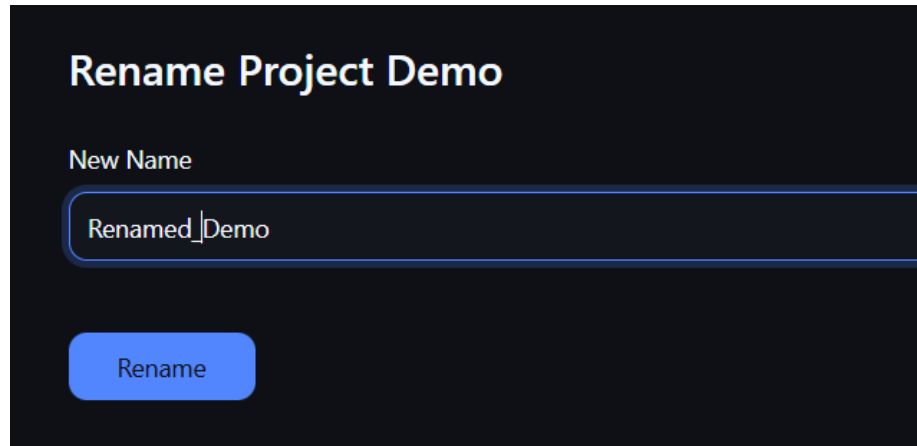
2.1 Click on the name of the project that you have created as shown in the screenshot below:

S	W	Name ↓	Last Success	Last Failure	Last Duration	
...	☀	Demo	N/A	N/A	N/A	▶

2.2 Click on the **Rename** button to rename the project

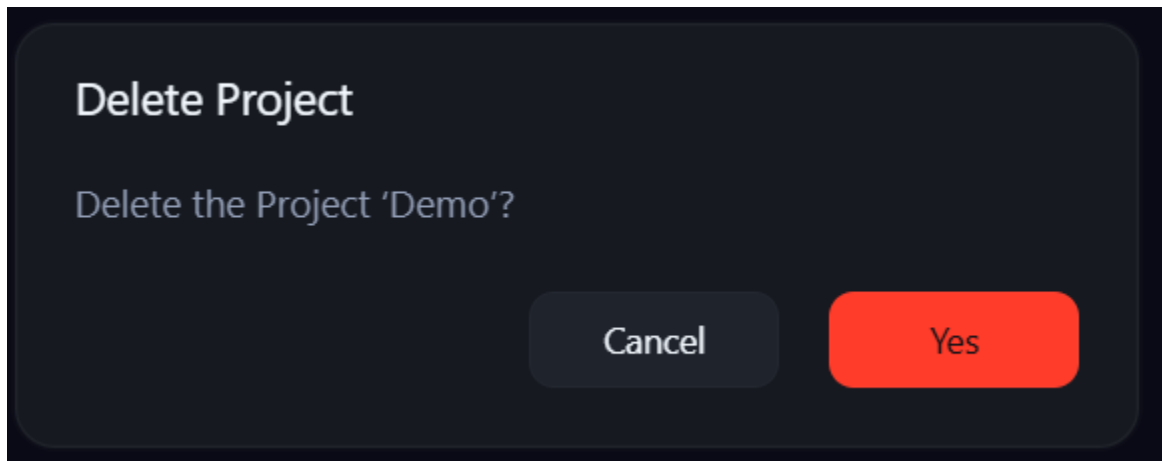


2.3 Enter a desired name to the project and click on **Rename**



The screenshot shows a dark-themed dialog box titled "Rename Project Demo". Below the title is a label "New Name" followed by a text input field containing the text "Renamed_Demo". At the bottom of the dialog is a blue button labeled "Rename".

2.4 Click on the renamed project and then click on **Delete Project** to delete the project



The screenshot shows a dark-themed dialog box titled "Delete Project". Below the title is the text "Delete the Project 'Demo'?". At the bottom right of the dialog are two buttons: a grey button labeled "Cancel" and a red button labeled "Yes".

By following these steps, you have successfully managed Jenkins jobs by creating, renaming, and deleting Freestyle Job, streamlining your project workflows within the Jenkins environment.