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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

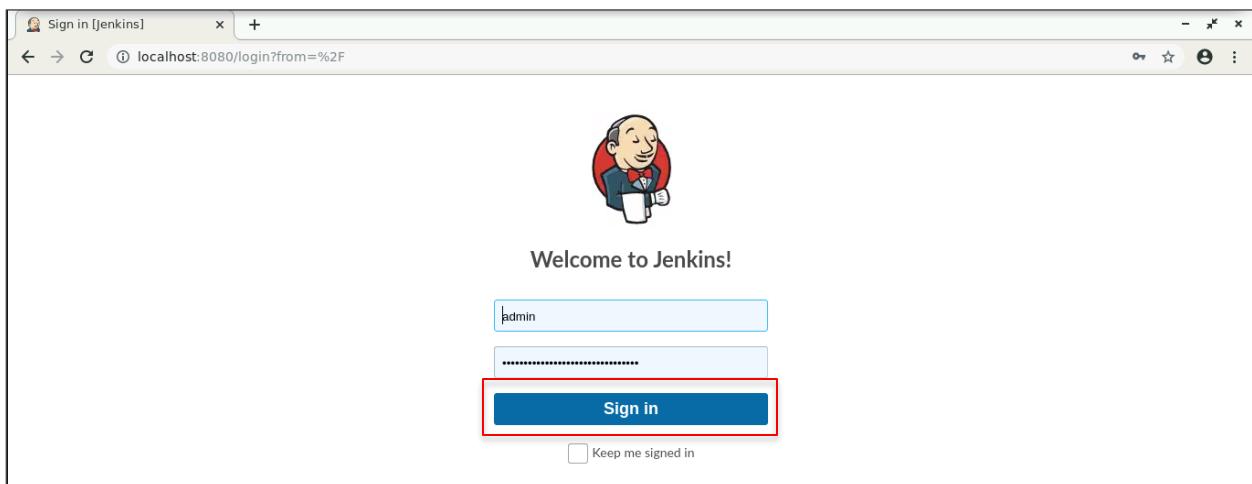
Prerequisites: None

Steps to be followed:

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

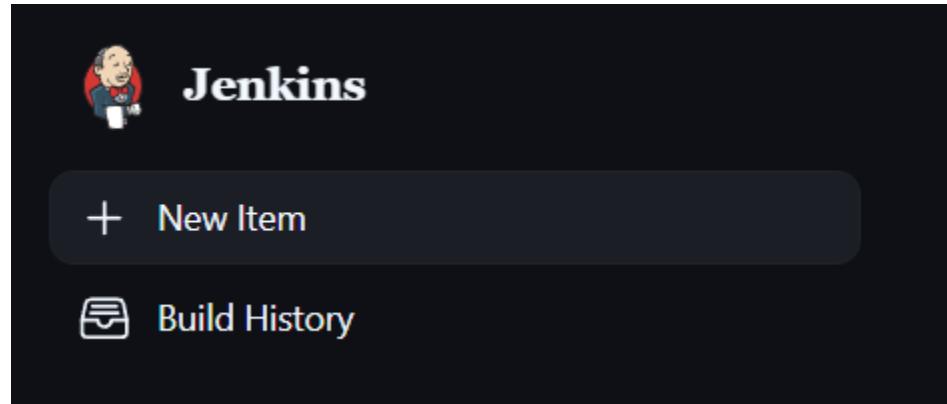
Step 1: Create a new Freestyle Job

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

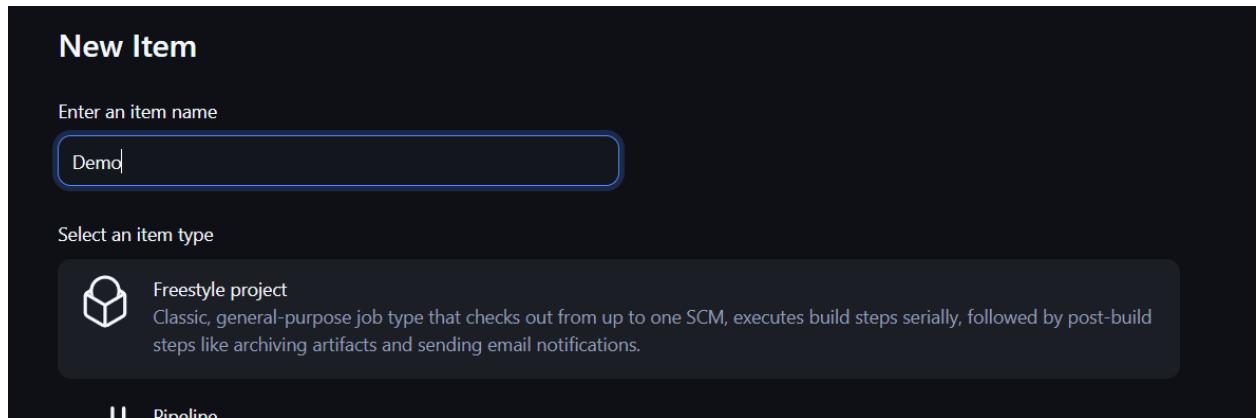


Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.

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**



1.4 Click on **Save**

The screenshot shows the Jenkins 'General' configuration page for a project named 'Demo'. The 'Enabled' switch is turned on. The 'Description' field is empty. Under 'Source Code Management', there are several checkboxes: 'Discard old builds', 'GitHub project', 'This project is parameterized', 'Throttle builds', and 'Execute concurrent builds if necessary'. A red box highlights the 'Save' button at the bottom left of the configuration section.

Step 2: Rename and delete the Freestyle Job

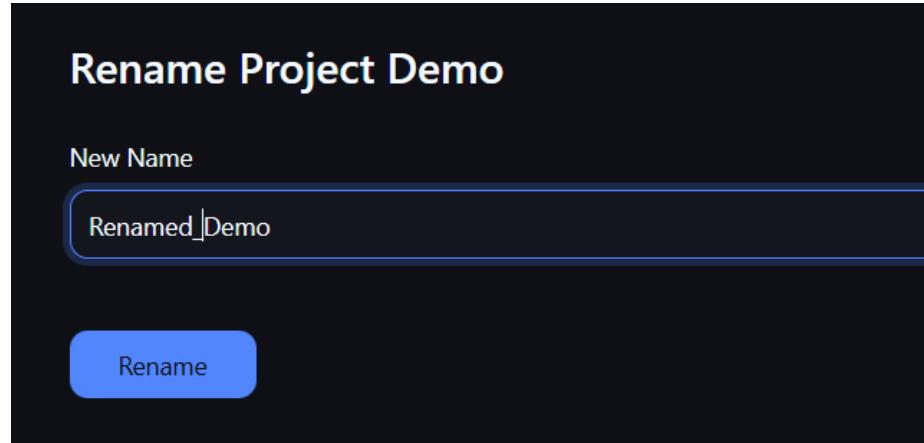
2.1 Click on the name of the project that you have created as shown in the screenshot below:

The screenshot shows the Jenkins dashboard with a table of projects. The 'Demo' project is listed with the following details: Status (green), Last Success (N/A), Last Failure (N/A), and Last Duration (N/A). A red box highlights the project name 'Demo'.

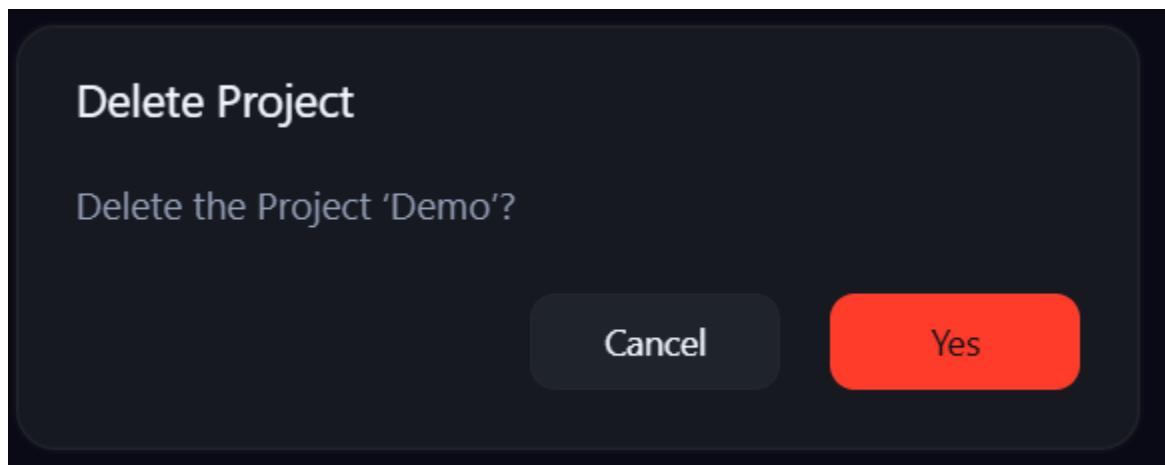
2.2 Click on the **Rename** button to rename the project

The screenshot shows the Jenkins 'Rename' page for the 'Demo' project. It lists several actions: Status, Changes, Workspace, Build Now, Configure, Delete Project, and Rename. The 'Rename' button is highlighted with a red box. At the bottom right, there is a 'More actions' button.

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



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



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.