

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

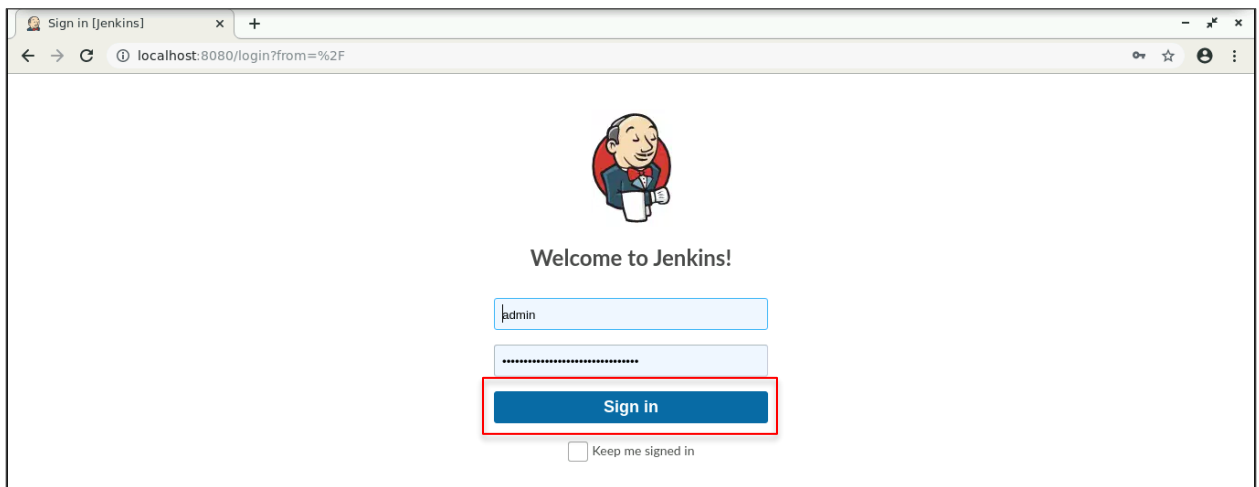
Prerequisites: None

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**

 Jenkins

[+ New Item](#)

[Build History](#)

Build Queue

No builds in the queue.

Build Executor Status

0/2

[Add description](#)

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job

Set up a distributed build

Set up an agent

Configure a cloud

Learn more about distributed builds

REST APIJenkins 2.516.1

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


Jenkins / All / New Item


New Item


Enter an item name

FirstProject

Select an item type

 **Freestyle project**
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.

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

 **Organization Folder**
Creates a set of multibranch project subfolders by scanning for repositories.

OK

1.4 Click on **Save**

The screenshot shows the Jenkins configuration page for a job named 'FirstProject'. The browser address bar indicates the URL is 'localhost:8080/job/FirstProject/configure'. The page has a sidebar on the left with a 'Configure' section containing links for General, Source Code Management, Triggers, Environment, Build Steps, and Post-build Actions. The 'General' tab is selected. The main area is titled 'General' and includes a 'Description' text area, a 'Plain text: Preview' link, and several checkboxes: 'Discard old builds', 'This project is parameterized', 'Throttle builds', and 'Execute concurrent builds if necessary'. An 'Advanced' dropdown menu is also present. At the bottom, there is a 'Source Code Management' section and two buttons: 'Save' and 'Apply'. The 'Save' button is highlighted in blue.

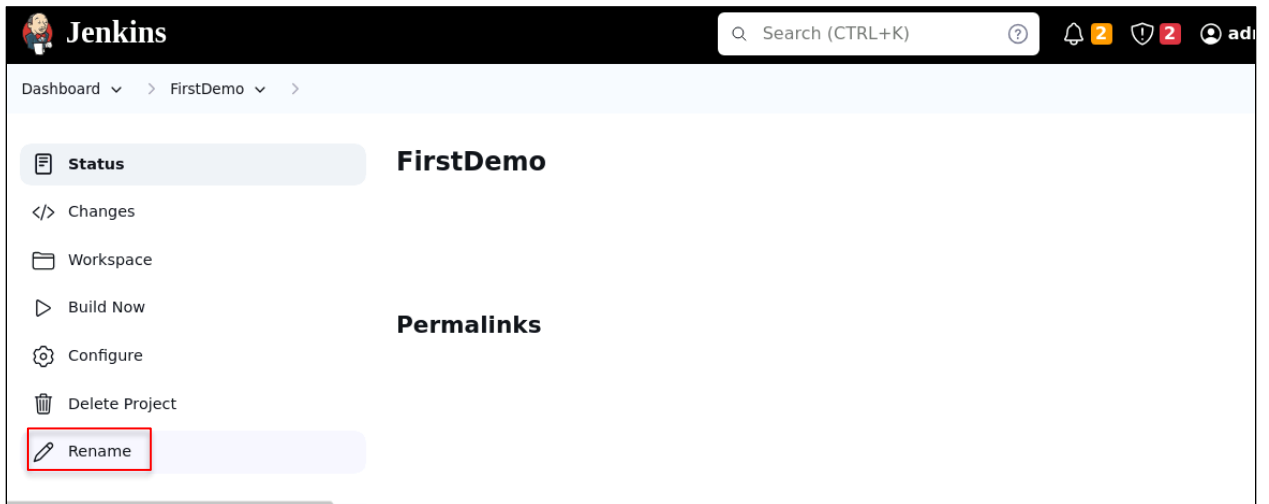
Step 2: Rename and delete the Freestyle Job

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

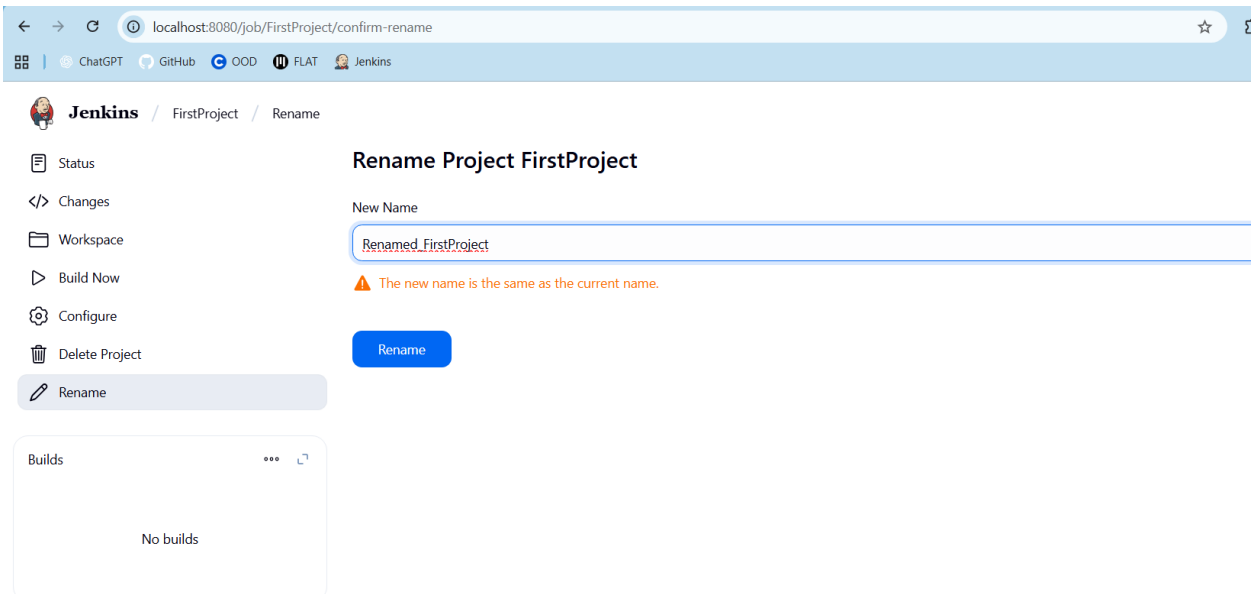
The screenshot shows the Jenkins dashboard. The top navigation bar includes the Jenkins logo, a search bar, and user information. The left sidebar contains a 'Dashboard' menu and a list of links: 'New Item', 'People', 'Build History', 'Project Relationship', 'Check File Fingerprint', 'Manage Jenkins', 'My Views', and 'Lockable Resources'. The main content area displays a table of jobs. The table has columns for 'S' (Status), 'W' (Icon), 'Name', 'Last Success', 'Last Failure', and 'Last Duration'. The jobs listed are 'FirstDemo', 'git_job', 'maven_test_cases', and 'mvm_demo'. The 'FirstDemo' job is highlighted with a blue background.

S	W	Name ↓	Last Success	Last Failure	Last Duration
...	☀	FirstDemo	N/A	N/A	N/A
✓	☀	git_job	11 days #1	N/A	39 sec
✓	☀	maven_test_cases	12 days #1	N/A	9.9 sec
!	☁	mvm_demo	10 days #2	10 days #1	16 sec

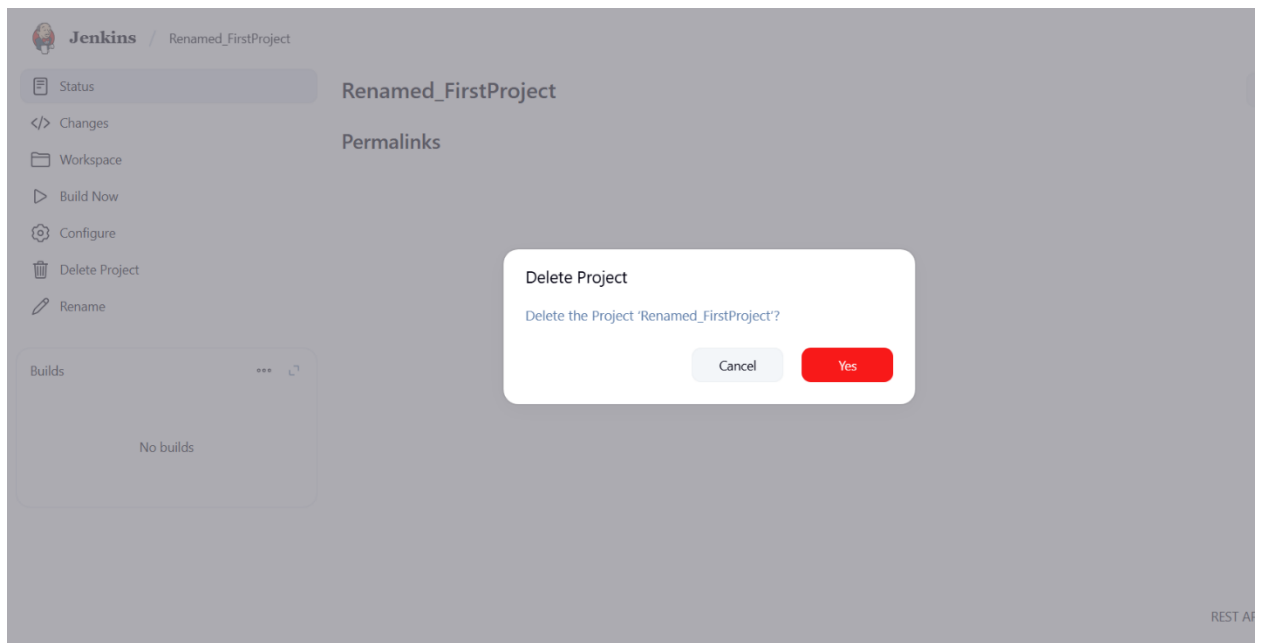
2.2 Click on the **Rename** button to rename the project



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.