

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

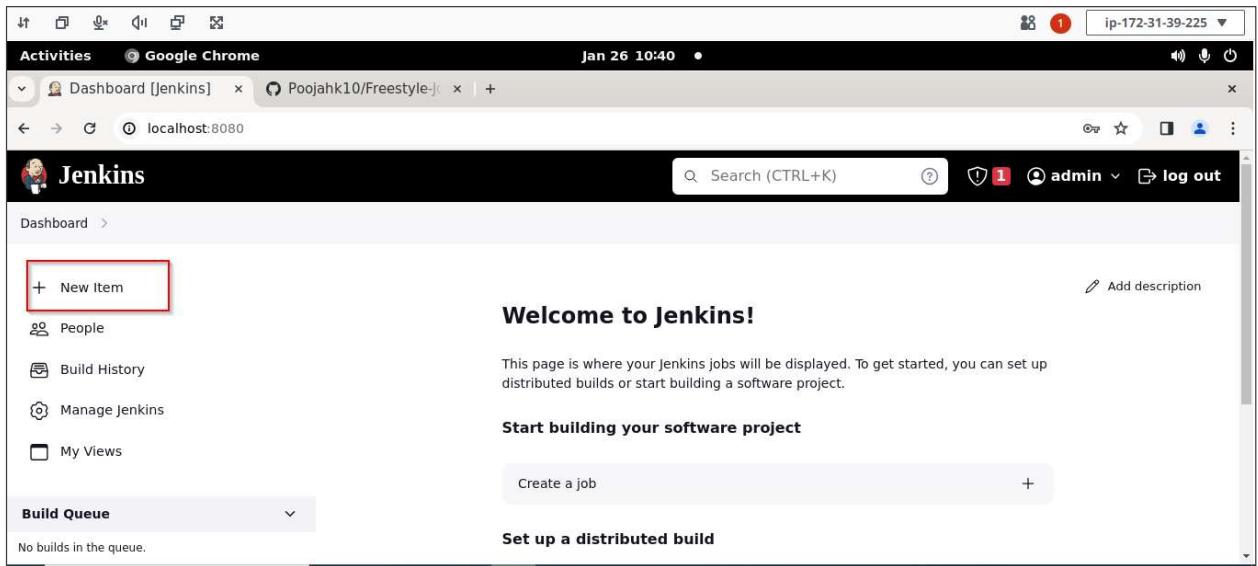
Step 1: Create a new Freestyle Job

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

The screenshot shows the Jenkins dashboard. At the top, there's a header with the Jenkins logo and a search bar. Below the header, there are two main sections: 'Create a job' and 'Set up a distributed build'. Under 'Create a job', there are three buttons: 'Create a job', 'Set up an agent', and 'Configure a cloud'. Under 'Set up a distributed build', there is one button: 'Learn more about distributed builds'. On the right side of the dashboard, there's a sidebar with the user's name ('shagun gupta'), theme settings ('Theme'), and various navigation links: 'My Views', 'Account', 'Appearance', 'Preferences', 'Security', 'Experiments', 'Credentials', and 'Sign out'. At the bottom of the dashboard, there's a URL bar showing the address '172-18-0-25-d4psj5f9qj0009eariq-8080.direct.labs.play-with-docker.com/user/shagun254' and a status bar indicating 'REST API Jenkins 2.528.2'.

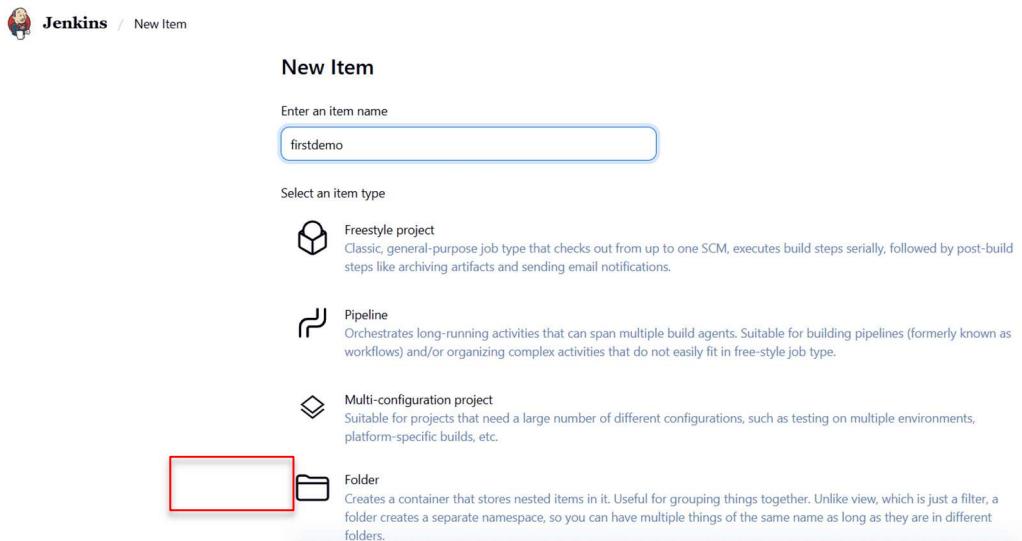
Note: The credentials for accessing Jenkins in the lab are Username: **admin** and Password: **admin**.

1.2 Click on New Item in the Jenkins Dashboard



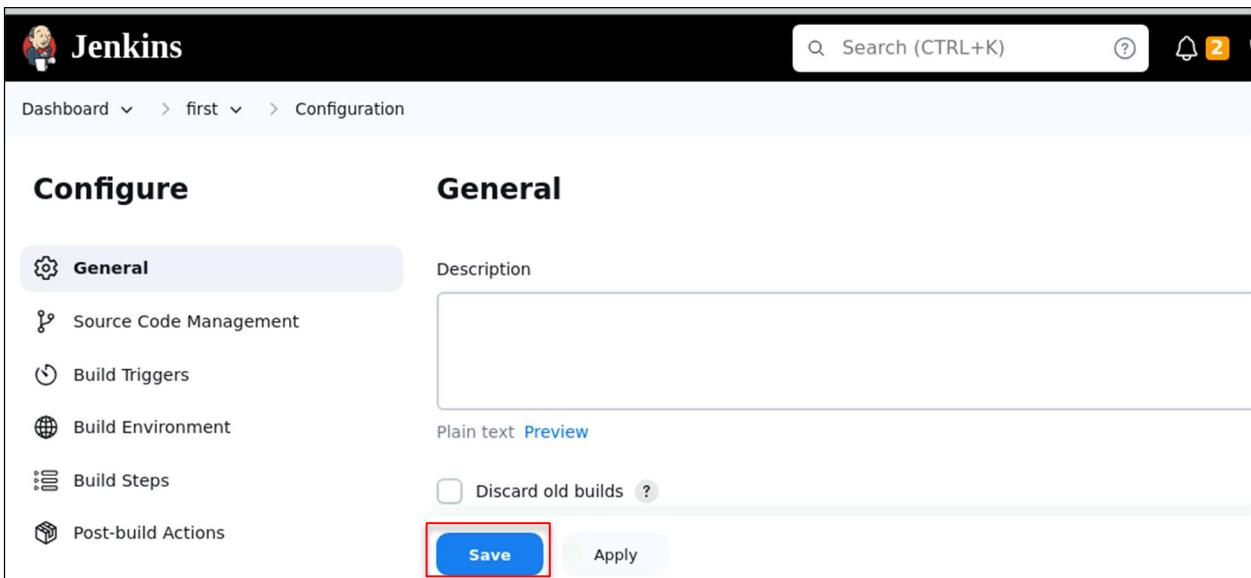
The screenshot shows the Jenkins dashboard in a Google Chrome browser window. The title bar indicates it's running on localhost:8080. The main content area features a "Welcome to Jenkins!" message and a "Start building your software project" section. On the left, there's a sidebar with links like "Dashboard", "New Item" (which is highlighted with a red box), "People", "Build History", "Manage Jenkins", and "My Views". Below the sidebar is a "Build Queue" section stating "No builds in the queue." At the bottom right, there are buttons for "Create a job" and "Set up a distributed build". The top right corner shows the user is logged in as "admin".

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



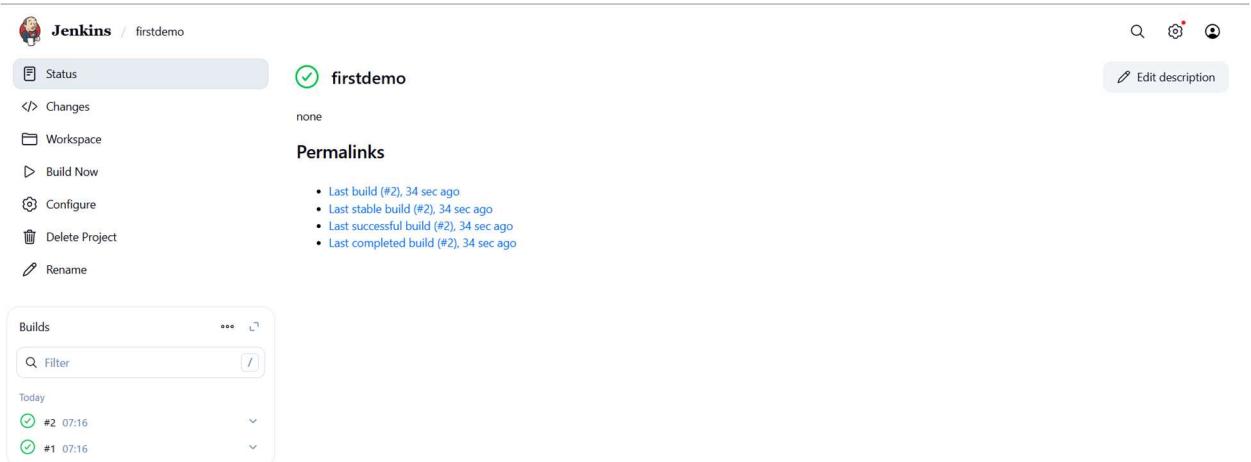
The screenshot shows the "New Item" creation page. The "item name" field contains "firstdemo". Under "Select an item type", the "Freestyle project" option is selected, shown with its icon and description. Other options listed are "Pipeline", "Multi-configuration project", and "Folder". A red box highlights the "Freestyle project" entry.

1.4 Click on Save

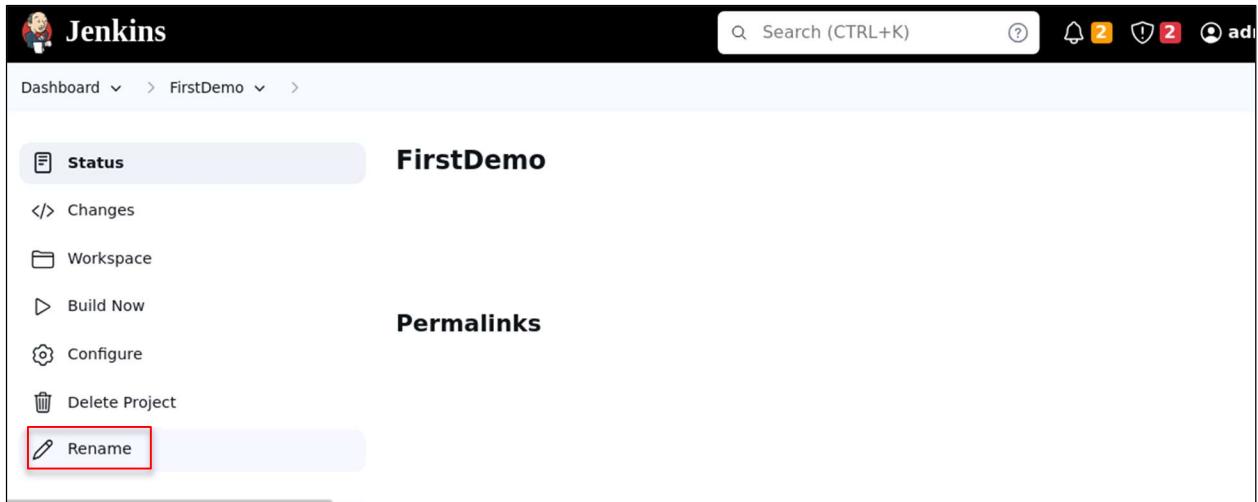


Step 2: Rename and delete the Freestyle Job

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



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



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

A screenshot of the Jenkins interface showing the 'renamed' project page. The top navigation bar and sidebar are identical to the previous screenshot. In the main content area, there's a green checkmark icon next to the word 'renamed'. Below this, the 'Permalinks' section shows the same list of build links as before. In the sidebar, the 'Rename' button is visible again, though it's not highlighted with a red box this time.

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

The screenshot shows the Jenkins interface at the 'Build History' page. At the top, there's a navigation bar with icons for search, refresh, and user profile. Below it, a header says 'Build History of Jenkins'. On the left, there's a sidebar with 'New Item' and 'Build History' selected. Under 'Build Queue', it says 'No builds in the queue.' and 'Build Executor Status' shows '0/2'. The main area has columns for 'Build' (with sorting icon), 'Time Since ↑', and 'Status'. A legend below the columns indicates icons for 'S' (Success), 'M' (Medium), and 'L' (Large). There are also three dots for more options.

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.