**Jenkins Integration**

**Jenkins Installation**

1. Go to <https://www.jenkins.io/download/> and download the latest stable WAR file to an appropriate directory on your machine.
2. Open a terminal/command prompt window to the download directory.
3. Run the command “*java -jar jenkins.war --httpPort=9090”*
4. Browse to <http://localhost:9090> and wait until the Unlock Jenkins page appears.
5. Then setup your Jenkins account.

**Creating Job in Jenkins**

1. Go to the directory where you have downloaded the “jenkins.war” file and open command prompt in that location and run the command “*java -jar jenkins.war --httpPort=9090”.*

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1. Browse to <http://localhost:9090>

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1. Login to Jenkins using the username and password to set during installation.

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1. Now, when you are logged in, select the option to **Create a job**.

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1. Enter item name and select **Freestyle project** and the press OK.

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1. Then scroll to “Source Code Management” section and select Git.

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1. Then copy your GitHub repository URL of your project here.
2. Now scroll to “Build” section, select dropdown for **Add build Step** and select **Execute Windows batch command** in the options.

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1. Enter “mvn clean test” in the command box.

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1. Click save.
2. Now go back to dashboard and you will be able to see the job we created.

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1. Now click on the down arrow beside the Job name and select **Build Now**.

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1. The job execution has started, and you can see the same in the lower left corner of you screen, in Build Executor Status.

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