**Jenkins**

**Jenkins Download and Installation:**

Download the Jenkins war file from official website

Then start Jenkins server from command prompt using following command.

By default it start in the port 8080

*Java –jar Jenkins.war* (navigates to war file folder then pass this command)

To run a Jenkins server on other port

*Java –jar Jenkins.war –httpPort=9090*

**Jenkins Configuration:**

1. Open Jenkins Dashboard by hitting below URL.

<http://loacalhost:9090>

1. Click on Manage Jenkins then click on ‘Global Tool Configuration’
2. Set JDK and Maven home path.
3. Create a ‘New item’ with project name and choose ‘Freestyle project’
4. Set up project workspace with Github, SVN or Local machine.
5. Add maven project from local machine to follow the steps in below

Click on General Tab in Configuration page.

Click on ‘Advanced’ button and select Custom workspace.

Copy and Paste your project folder to .jenkins folder.

Set the directory path for Project -- $[JENKINS\_HOME]/<project folder name>

1. Configure the Maven version and commands in the Build section for run the test.
2. Click on save then the new project will be created.
3. Finally to click on ‘Build Now’ link to run the project.
4. Install TestNG result plug-in to Jenkins and Configure that to Post Build-Actions section in Configure.

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