

Module 2: Getting Started with Jenkins

Case Study Statement

edureka!

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Problem Statement

Alexa is an admin of a git repository and wants to make sure that new commits does not break any existing functionalities, so as part of sanity she wants to check the repository for any new commits and run a Jenkins job to make sure that existing features are not broken. This can be done by Creating a Jenkins job which clones the git repository containing a shell script to workspace, executes the shell script, and redirect the output of a shell script to a file in the workspace.

Approach to Solve:

1. Create a Jenkins “Freestyle Project” and name the project.
2. Enable “Git” in Source Code Management and Provide the repository url as :
<https://github.com/edureka-devops/jenkins-demo.git>
3. Enable Poll SCM and update the schedule in it.
4. Enable the Build Environment to “Delete workspace before build starts” and “Abort the build if it's stuck”
5. In Build select “Execute shell”, give permission to the shell script to be executed, add the shell script to be executed and redirect the output of the shell script to a file in workspace.
6. Apply and save the job
7. Upon triggering the job, the execution has to be success and the output file containing the shell script output should be present in Workspace.