Git Hands-on Lab: Git-T03-HOL\_002

# Objectives

• Explain how to clean up and push back to remote Git

# In this hands-on lab, you will learn how to:

• Execute steps involving clean up and push back to remote Git.

# Prerequisites

• Hands-on ID: “Git-T03-HOL\_002”

• Git installed and configured  
• Access to the Git repository (e.g., GitLab)  
• Git Bash (for Windows users)

# Estimated Time

• 10 minutes

# Step-by-Step Instructions (Manual for Layman)

## Step 0: Open Git Bash and Navigate to Your Project Folder

cd ~/GitDemo  
If not cloned yet:  
git clone https://gitlab.com/aditibuilds-group/GitDemo.git  
cd GitDemo

## Step 1: Verify if master is in a clean state

git checkout master  
git status

## Step 2: List out all the available branches

git branch -a

## Step 3: Pull the remote git repository to the master

git pull origin master

## Step 4: Push the changes made in Git-T03-HOL\_001 to remote

git push origin master

## Step 5: Observe if the changes are reflected in the remote repository

Use one of the following:  
A. git log --oneline --graph --decorate --all  
B. Go to your GitLab repo in browser

# Summary of Git Commands Used

|  |  |
| --- | --- |
| Step | Command |
| Navigate to repo | cd GitDemo |
| Switch to master | git checkout master |
| Check clean state | git status |
| List branches | git branch -a |
| Pull from remote | git pull origin master |
| Push to remote | git push origin master |
| View log | git log --oneline --graph --decorate --all |

