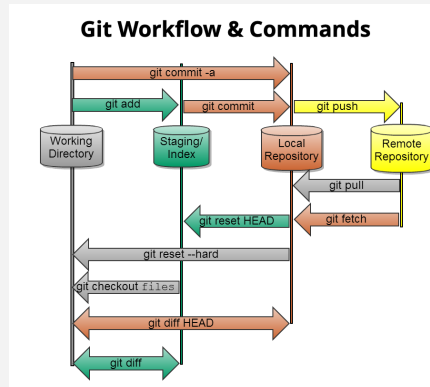


Git Status

Displays the state of the working directory and the staging area

Files in the working directory:	listed under "Changes not staged for commit"	Files in the staging area:	Listed under "Changes to be committed"	Files in the local repo:	Nothing to commit (working directory clean)
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Git Diagram



Working Directory <-> Staging

Working Directory -> Staging	<code>git add</code>
Working Directory <- Staging	<code>git checkout/merge</code>
Working Directory <- Staging	<code>git diff --staged</code>

Making changes

Add file to stage	<code>git add fileName</code>
Add all files to stage	<code>git add .</code>
Add changes in specific file	<code>git add -p <file></code>

Evaluate changes

diff of what is changed but not staged	<code>git diff -</code>
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Branches

Reverting changes

Unstage a file while retaining the changes in working directory	<code>git reset fileName</code>
diff of what is staged but not yet committed	<code>git diff --staged</code>

Start Project

Create Project	<code>git init directoryName</code>
Download remote repo	<code>git clone urlName</code>

local <-> remote

local -> remote	<code>git push</code>
local <- remote	<code>git pull/fetch</code>

Remote to local

Git fetch	Bring down all branches from remote
Git pull	Fetch and merge commits from remote branch

Local to remote

git push	Transmit local branch commits to the remote repository branch
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Checking the Status of a Git Repo

