

Basic Git Commands

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Git Init	Creates a new local repository.
Git Remote	Connects and lists all currently configured remote repositories.
Git Clone	Creates a copy of a repository.
Git Config	Defines the user name and email to be used with commits.
Git Branch	Lists all existing branches and highlights the current branch. It's recommended that your branch is up to date with the main one because it helps to avoid conflicts when merging.
Git Checkout	Allows you to change your current branch or even create a new one.
Git Pull	Updates your local branch with the main branch to avoid conflicts.
Git Add	Adds one or more files to the stage (index) before committing.
Git Status	Shows files that were changed and the ones on the stage area.
Git Commit	Saves the files on the stage area to the local repository and leaves a message indicating what's been changed. A nice and clear commit message is always recommended as it helps to identify and track changes without reading the code.
Git Push	Updates the remote repository with your local commits. Always remember to consider different local and remote branches.
Git Log	Lists the recent commits by ID.
Git Tag	Marks the significant changesets in the repository, this also helps tracking changes without reading the code.
Git Help	Shows how to properly use each command.
Git rm	Removes one or more files from a directory (working tree) or stage area (index).
Git Diff	Runs a diff function on Git data sources (commits, branches, files, etc.). It helps analyze the current state of the repository.
Git Fetch	Retrieves the latest changes in the remote repository before pulling it locally.
Git Merge	Merges branches in the repository. This is particularly useful as many branches are created for testing before being integrated in the main branch, for instance.
Git Stash	Allows you to work on a different branch without committing changes. In practice it's like a temporary branch with changes not yet committed.
Git Rebase	Very similar to the merge command except that rebase rewrites history and merge preserves it.