



| Basics

Create an empty repository in the specified directory.

init <dir>

Get the specified repository on the local machine.(through SSH, HTTP or local).

clone <repo>

Define author name or email to be used for all commits in current repo.

config user.name <name>

Use --global to use it by default for all repo.

config user.email <email>

Stage all changes in <dir> for the next commit. Replace <dir> with a <file> to change a specific file.

git add <dir>

Commit the staged changes and use <message> as the commit message.

git commit -m "<message>"

List files staged, unstaged, and untracked.

git status

Display the commit history.

git log

Show unstaged changes between your index and working directory.

git diff

| Undoing changes

Create new commit that undoes all of the changes made in <commit>.

init revert <commit>

Remove <file> from the staging area, but leave the working directory unchanged.

init reset <file>

| Rewriting

Replace the last commit with the staged changes.

commit --amend

Rebase the current branch onto <base>. <base> can be a commit ID, a branch name, a tag, or a relative reference to HEAD.

rebase <base>

| Branches

List all of the branches in your repo. Add a <branch> argument to create a new branch with the name <branch>.

branch

Create and switch to the new branch named <branch>. Add a -b flag switch to an existing branch.

checkout <branch>

| Remote

Create a new connection to a remote repo.

remote add <name> <url>

Fetches the given <branch> from the <remote> repo. Leave off <branch> to fetch all remote refs.

fetch <remote> <branch>

Fetch the specified remote's copy of current branch and immediately merge it into the local copy.

pull <remote>

Push the actual branch state to <remote>. Creates named branch in the remote repo if it doesn't exist.

push <remote> <branch>



| Config

Create shortcut for a Git command.

config --global alias.<alias> <git-command>

Set text editor used by commands for all users on the machine. <editor> could be «vi» or «nano» for example.

config --system core.editor <editor>

Open the global configuration file in a text editor for manual editing.

config --global --edit

| Log

Limit number of commits by <limit>.

log -<limit>

Display each commit in a simple single line.

log --oneline

Include which files were altered and the relative number of lines that were added or deleted from each of them.

log --stat

Search the commits of a defined author.

log --author=<pattern>

Search the commits with a defined part of message.

log --grep=<pattern>

Search the commits with a defined file.

log -- <file>

| Diff

Show difference between working directory and last commit.

diff HEAD

Show difference between staged changes and last commit.

diff --cached

| Remote

Push all of your local branches to the specified remote.

push <remote> --all

Tags aren't automatically pushed with a branch without the --all flag. The --tags flag sends all of your local tags to the remote repo.

push <remote> --tags

Fetch the remote's copy of current branch and rebases it into the local copy.

pull --rebase <remote>



Antoine Delamarre
Directeur général

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du marché et de devenir moi-même formateur »*

Jason - Luxembourg

*« Les missions ne vous sont pas proposées au hasard, elles sont réfléchies
en fonction de votre profil et de vos ambitions »*

Antoine - Lille

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