

# HOW TO GET STARTED QUICKLY WITH

# GIT

GIT version control can get complicated but getting up and running with the most common commands is quick and easy with this simple cheat-sheet.

## Start a Project

- Check your Git version `git --version`
- Create New Repository `git init`
- Clone Local Repository `git clone <local-url>`
- Clone Remote Repository `git clone <remote-url>`

## Adding Files to Staging Area (Index)

- Add Single File `git add <filename>`
- Add All Files `git add .`

## Commit & Sync

- Commit All Staged Changes with Informative Message `git commit -m "message"`
- Modify Commit Message `git commit --amend -m "new commit message"`
- Connect Local To Remote Repository `git remote add origin <remote-server name>`
- Update Local Repository With Remote Changes `git pull`
- Push Changes to Remote `git push origin master`

## Branches

- Create A New Branch But Stay On Existing Branch `git branch <new-branch-name>`
- Create A New Branch Then Switch To New Branch `git checkout -b <new-branch-name>`
- Switching Branches `git checkout <other-branch-name>`
- Delete Branch `git branch -d <branch-name>`
- Push Branch To Remote `git push origin <branch-name>`

## Merge

- Integrate Into Another Branch (e.g. "Master") `git merge <branch-to-merge-into>`
- View Changes Between Two Branches `git diff <source branch> <target branch>`

## Common Workflow Commands

- Overview Since Last Commit `git status`
- List All saved Commits In Chronological Order `git log`

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