



Introductory Git Guide

Common Commands

Note: These command examples use [brackets] to denote placeholders. You will fill in the placeholders, and not use brackets in the final command.

| Description | Command |
|--|---|
| Clone a repository from a remote | <code>git clone [url]</code> |
| Check the status of a git repository | <code>git status</code> |
| Stage a particular file for commit | <code>git add [filename]</code> |
| Stage all changes in the current directory for commit | <code>git add .</code> |
| Commit the staged changes (makes a timestamped commit/checkpoint) | <code>git commit -m "Your message here"</code> |
| Push local commits to a remote repository | <code>git push</code> |
| Push local commits to a remote repository, saving the specifics of where that code should end up | <code>git push -u [remote name] [remote branch (master)]</code> |
| Retrieve the latest changes from a remote (teams, multiple computers) | <code>git pull</code> |
| Create a new git repository in the current working directory | <code>git init</code> |
| Add a new remote | <code>git remote add [name] [url]</code> |
| Remove a remote | <code>git remote rm [name]</code> |
| View list of remotes and their urls | <code>git remote -v</code> |
| Set the name to include in all future commits (initial setup) | <code>git config --global user.name "Your Name Here"</code> |
| Set the email address to include in all future commits (initial setup) | <code>git config --global user.email "yourEmailHere@something.com"</code> |