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| Git Basics | |
| git init <directory> | Create empty Git repo in specified directory. Run with no arguments to initialize the current directory as a git repository. |
| git clone <repo> | Clone repo located at **<repo>** onto local machine. Original repo can be located on the local filesystem or on a remote machine via **HTTP** or **SSH**. |
| git config user.name <name> | Define author name to be used for all commits in current repo. Devs commonly use **--global** flag to set config options for current user. |
| git add  <directory> | Stage all changes in **<directory>** for the next commit.  Replace **<directory>** with a **<file>** to change a specific file. |
| git commit -m "<message>" | Commit the staged snapshot, but instead of launching a text editor, use **<message>** as the commit message. |
| git status | List which files are staged, unstaged, and untracked. |
| git log | Display the entire commit history using the default format.  For customization see additional options. |
| git diff | Show unstaged changes between your index and working directory |
| Undoing Changes | |
| Git revert <commit> |  |
| Git reset <file> |  |
| Git clean –n |  |
| Rewriting Git History | |
| Git commit –amend |  |
| Git rebase <base> |  |
| Git reflog |  |
| Git branches | |
| Git branch |  |
| Git checkout –b |  |
| Git merge <branch> |  |
| Remote Repositories |  |
| Git remote add <name> <url> |  |
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