Workflow: Flow -> Clone -> Edit (Add + Commit + Push) -> Pull Request

|  |  |  |
| --- | --- | --- |
| Command | Description | Options |
| config | Configure user info in local repo | --list = show user info  --global = save globally |
| init | Turn existing directory into git repo |  |
| clone [url] | Create a copy of repo locally |  |
| status | Shows working tree |  |
| branch  <branch> | Show branches  Create new branch | -d = delete branch |
| switch [branch] | Switches to a branch | -c|-C = creates <branch> |
| checkout | Switches to branch and updates CWD |  |
| add | Stage changes |  |
| commit | Commit changes to branch | -m “” = included message |
| reset [commit] | Undoes all commits after commit, preserving changes locally | --hard = reverts to commit |
| push | Update repository in GitHub |  |
| pull | Update local branch with new commits  \*combines fetch and merge |  |
| merge  [branch] | Combines remote tracking branch to current local branch  Combines branch history to current branch  \*usually done with pull requests |  |
| fetch | Downloads history from remote tracking branches |  |
| diff [branch] [branch] | Show content differences between two branches |  |
| show [commit] | Shows metadata and content changes of commit |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |