|  |  |  |
| --- | --- | --- |
| Command | Description | Observation (what do you see) |
| cd ~ | Go to user folder |  |
| mkdir git | Create a test folder |  |
| cd git |  |  |
| git init repo | Create a repository |  |
| cd repo |  |  |
| ls -al |  |  |
| touch aaa |  |  |
| vi aaa | Add 123 in a new line |  |
| git add . |  |  |
| git commit -m "first aaa" |  |  |
| git log |  |  |
| touch bbb |  |  |
| vi bbb | Add 456 in a new line |  |
| git status | Check the color |  |
| git add . |  |  |
| git commit -m "first bbb" |  |  |
| git log |  |  |
| touch ccc |  |  |
| git add . |  |  |
| git status |  |  |
| git reset HEAD ccc |  |  |
| git status | Check the color |  |
| Command | Description | Observation (what do you see) |
| rm \* |  |  |
| git checkout master . |  |  |
| git log | Copy first aaa version id) |  |
| git checkout 1a21de6a |  |  |
| ls |  |  |
| rm \* |  |  |
| git checkout master . |  |  |
| ls |  |  |
| vi aaa | Add new line 456 |  |
| git add . |  |  |
| git commit -m "2nd aaa" |  |  |
| git log | Copy first bbb version id |  |
| git checkout 490a0dda |  |  |
| cat aaa |  |  |
| git checkout master |  |  |
| cat aaa |  |  |
| git checkout HEAD~1 . |  |  |
| cat aaa |  |  |
| Command | Description | Observation (what do you see) |
| git branch |  |  |
| touch ccc |  |  |
| git add . |  |  |
| git commit -m "first ccc" | WHY two files? |  |
| rm \* |  |  |
| ls |  |  |
| git checkout master . |  |  |
| Command | Description | Observation (what do you see) |
| git log | Copy first ccc version id |  |
| git diff-tree --no-commit-id --name-only -r ac1ef7c2 | WHY two files? |  |
| git show --pretty="format:" --name-only ac1ef7c2 |  |  |
| Command | Description | Observation (what do you see) |
| git rm ccc |  |  |
| git commit -m 'delete ccc' |  |  |
| rm \* |  |  |
| git checkout master . |  |  |
| ls |  |  |
| Command | Description | Observation (what do you see) |
| git checkout -b cool\_feature |  |  |
| git branch |  |  |
| ls |  |  |
| touch ddd |  |  |
| git add . |  |  |
| git commit -m "first add ddd in cool\_feature" |  |  |
| git log |  |  |
| git checkout master |  |  |
| git merge cool\_feature |  |  |
| ls |  |  |
| rm \* |  |  |
| git checkout master . |  |  |
| ls |  |  |
| git branch -D cool\_feature |  |  |
| git branch |  |  |
| git branch new\_feature |  |  |
| git checkout new\_feature |  |  |
| git branch |  |  |
| ls |  |  |
| vi aaa | Modify to |  |
| git add . |  |  |
| git commit -m "test conflict aaa" |  |  |
| git log |  |  |
| git checkout master |  |  |
| git merge new\_feature | conflict message |  |
| vi aaa | From | To |
| git add . |  |  |
| git commit -m "solve conflit" |  |  |
| git log |  |  |
| rm \* |  |  |
| git checkout master . |  |  |
| cat aaa |  |  |
| git merge new\_feature | nothing to merge |  |