History and File Management Commands

Git History / File Management Commands

Lecture Command Listing -- History

git log

git help log

git log --oneline --graph --decorate --color

Lecture Command Listing -- Removing Files

pwd

git status

mate debug.log

ls

git status

git add .

git status

git commit -m "adding log file that really does not belong here"

clear

git status

git rm debug.log

ls

git status

git commit -m "removing log file"

clear

mate info.log

ls

git add info.log

git commit -m "adding info log"

git status

clear

ls

rm info.log

ls

git status

git add .

git add -u

clear

git status

git commit -m "Removing info.log"

Lecture Command Listing -- Moving Files

ls

mkdir web

ls

git mv index.html web

cd web/

ll

pwd

cd ..

ls

git status

git commit -m "Moving index.html file to web folder"

clear

Lecture Command Listing -- Ignoring Files

mate application.log

ls

git status

mate .iitignore

git status

ls -a

git add .gitignore

clear

git status

git commit -m "adding ignore file"

Command Reference

Seeing Repository History

git log

git log --oneline --graph --decorate --color

Git's **log** command displays the repository's history in reverse chronological order. The no-params version displays the standard view.

Git log options from above: --oneline Compacts log data on to one line, abbreviating the SHA1 hash --graph Adds asterisk marks and pipes next to each commit to show the branching graph lines --decorate Adds the markers for branch names and tags next to corresponding commits --color Adds some color to the output -- nice to have, depending on the operating system

Removing a file using Git

git rm file-name

Removing a file using Terminal

rm file-name

This removes the file outside Git's knowledge

Updating Git's Index (staging area)

git add -u

The *-u* parameter will recursively update Git's staging area regarding deleted/moved files outside of Git.

Making a directory (folder)

mkdir folder-name

The **mkdir** command is a nearly universal command for creating a directory/folder.

Making a directory (folder)

git mv source destination

The **git mv** command will move the *source* (file or folder) to the *destination* with Git.