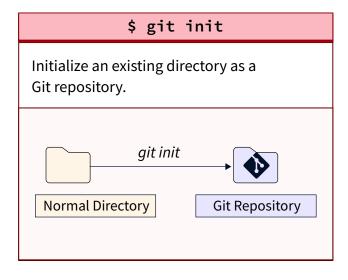
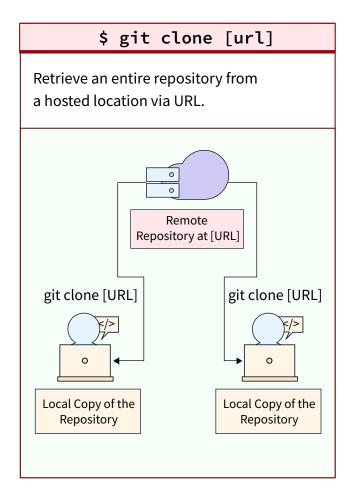


SETUP & INIT

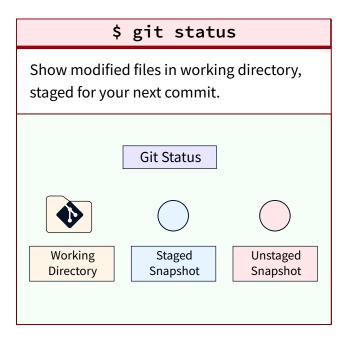
Configuring user information, initializing and cloning repositories.

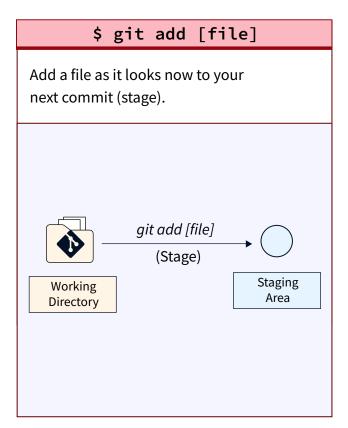


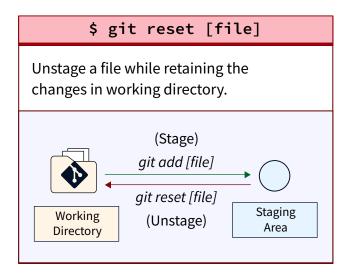


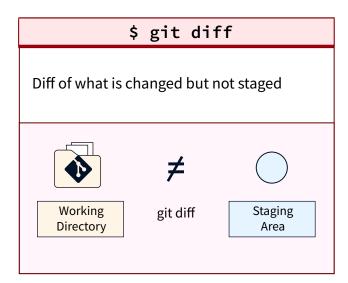
STAGE & SNAPSHOT

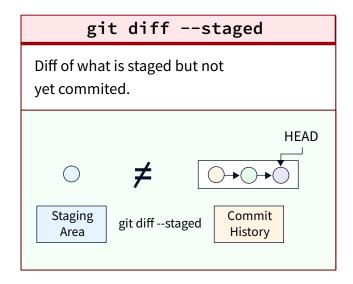
Working with snapshots and the Git staging area.

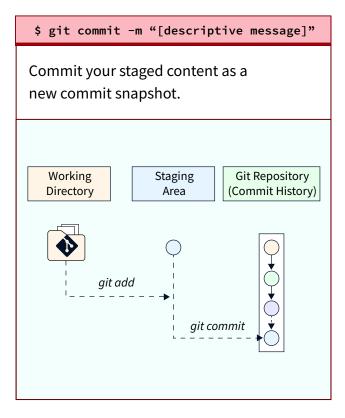






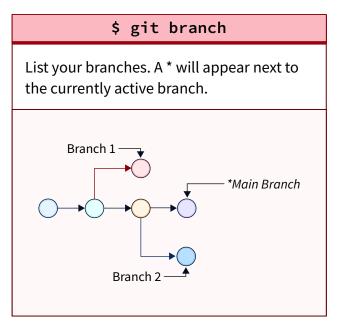


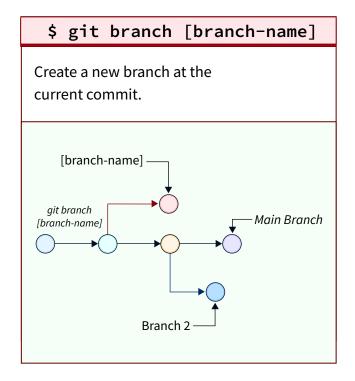


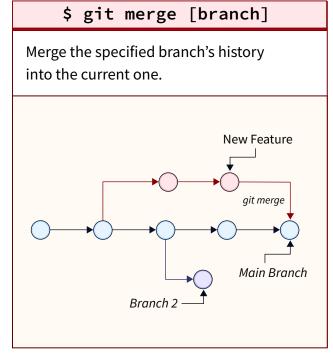


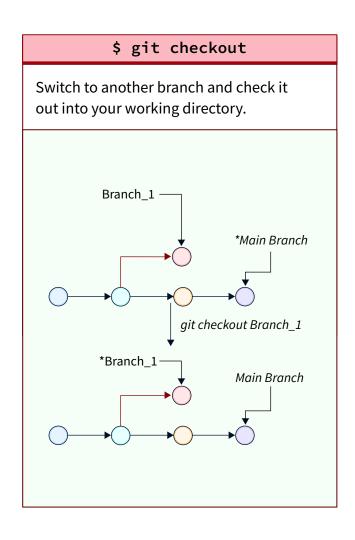
BRANCH & MERGE

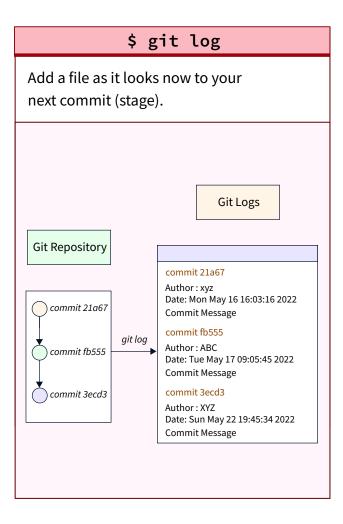
Isolating work in branches, changing context, and integrating changes.







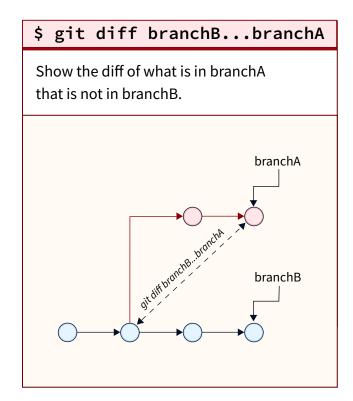




INSPECT & COMPARE

Configuring user information, initializing and cloning repositories.

\$ git log branchB..branchA Show the commits on branchA that are not on branchB. **Git Repository** Git Logs commit 181a9 Author: XYZ Date: Mon May 16 16:03:16 2022 Commit Message git log branchB commit 181a9 commit c7eaf branchA Author: ABC commit c7eaf Date: Tue May 17 09:05:45 2022 Commit Message branchA branchB



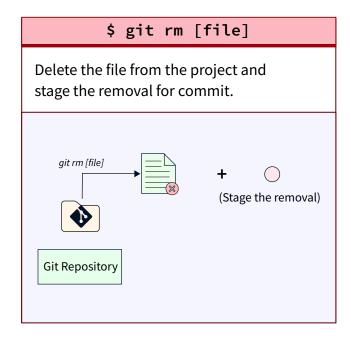
\$ git log --follow [file]

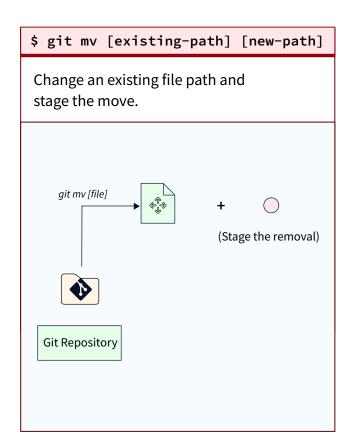
Show the commits that changed file, even across renames.



TRACKING PATH CHANGES

Versioning file removes and path changes.





\$ git log --stat -M

Show all commit logs with indication of any paths that moved.

IGNORING PATTERNS

Preventing unintentional staging or commiting of files.

```
logs/
*.notes
pattern*/

Save a file with desired patterns as
.gitignore with either direct string matches
or wildcard globs.

.gitignore

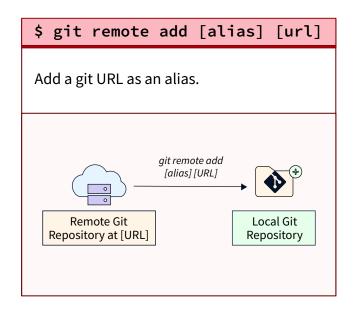
.gitignore
```

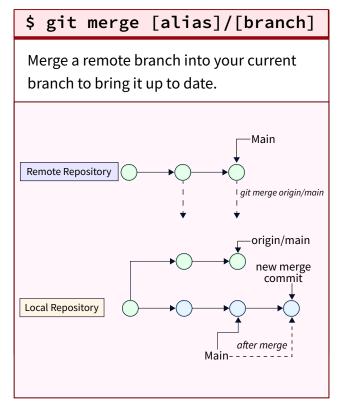
\$ git config --global core.excludesfile [file]

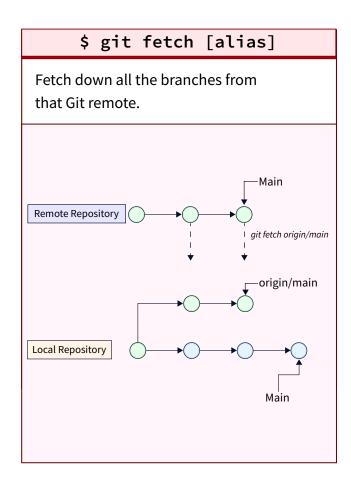
System wide ignore pattern for all local repositories

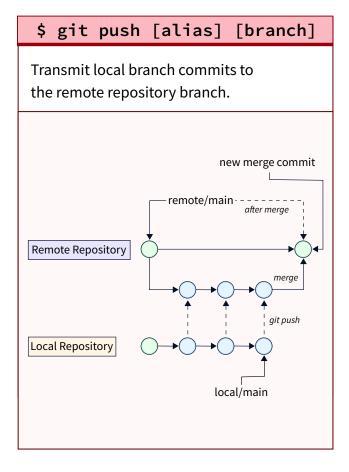
SHARE & UPDATE

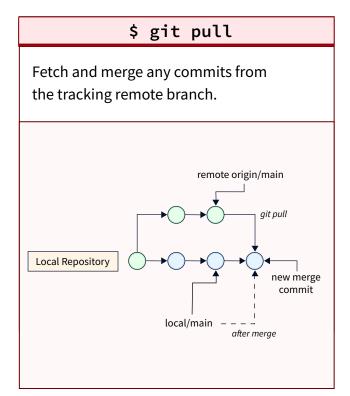
Retrieving updates from another repository and updating local repos.

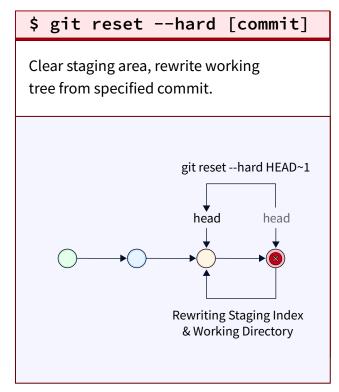






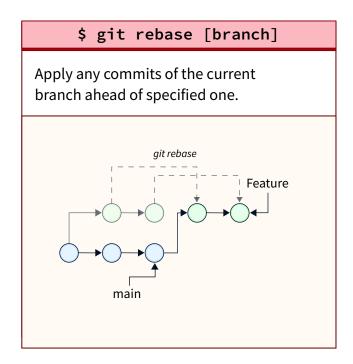






REWRITE HISTORY

Rewriting branches, updating commits and clearing history.



TEMPORARY COMMITS

Temporarily store modified, tracked files in order to change branches.

