# Mercurial Distributed version control

## CONCEPTS

Unlike git there is no staging area: commit takes all changed tracked files, or just the files you name.

**Working dir** your files
↓ `hg commit`
**Local repo** changesets
↓ `hg push`
**Remote** default path

## SETUP

`hg init`
Create a repository here

`hg clone <url> [<dir>]`
Copy a remote repository

`hg config --edit`
Open your user hgrc

`hg help <command>`
Help for one command

## SNAPSHOT

`hg status`
List changed files

`hg add [<file>]`
Track new files

`hg commit -m "<msg>"`
Commit all changes

`hg commit -m "<msg>" <file>`
Commit only some files

`hg commit --amend`
Fold changes into the last commit

`hg diff`
Show uncommitted changes

`hg remove <file>`
Delete and untrack a file

`hg rename <old> <new>`
Move or rename a tracked file

`hg revert <file>`
Discard edits to a file

## HISTORY

`hg log`
Show revision history

`hg log -G`
Show history as a graph

`hg log <file>`
History of one file

`hg log -r "<revset>"`
Select with a revset

`hg annotate <file>`
Who changed each line

## REMOTES

`hg pull`
Fetch changesets only

`hg pull -u`
Fetch and update

`hg push`
Send changesets to default

`hg incoming`
Preview what a pull brings

`hg outgoing`
Preview what a push sends

## UPDATE AND BRANCHES

`hg update <rev>`
Switch the working dir

`hg bookmark <name>`
Create a bookmark here

## MERGE AND UNDO

`hg merge`
Merge the other head into working dir

`hg resolve --list`
List files and merge state

`hg resolve --mark <file>`
Mark a conflict as resolved

`hg commit`
Finish the merge with a commit