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

hg pull only fetches; hg pull -u also updates the working directory (or run hg update after).

SETUP

hg init
Create a repository here

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

hg config --edit
Open your user hgrc

hg paths
List remote aliases

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 -i
Pick hunks interactively

hg commit --amend
Fold changes into the last commit

hg diff
Show uncommitted changes

hg diff -c *<rev>*
Show what one changeset did

hg diff -r *<a>* **-r** *<b>*
Compare two revisions

SNAPSHOT (cont.)

hg addremove
Add new, forget missing files

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

hg forget *<file>*
Untrack but keep the file

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

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

hg revert --all
Discard all uncommitted edits

HISTORY

hg log
Show revision history

hg log -G
Show history as a graph

hg log -l *<n>*
Limit to n entries

hg log *<file>*
History of one file

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

hg log -k *<text>*
Search commit messages

hg annotate *<file>*
Who changed each line

hg cat -r *<rev>* *<file>*
Show a file at a revision

hg summary
Summarize working directory

hg heads
List branch heads

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

REMOTES (cont.)

hg outgoing
Preview what a push sends

UPDATE AND BRANCHES

hg update *<rev>*
Switch the working dir

hg update -C *<rev>*
Switch, discarding local edits

hg branch
Show the current branch name

hg branch *<name>*
Name a new branch

hg bookmark *<name>*
Create a bookmark here

hg bookmarks
List bookmarks

hg update *<bookmark>*
Switch to a bookmark

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

hg graft *<rev>*
Copy a changeset here

hg backout *<rev>*
Undo a changeset with a new one

hg shelve
Set aside local changes

hg unshelve
Restore shelved changes

REWRITE HISTORY

hg rebase -d *<dest>*
Move current branch onto dest

hg histedit *<rev>*
Edit, fold or drop commits