

Hg - Work Directory

A local **Work** folder containing one Revision and any uncommitted changes you've made.

Hg - Undos and Fixes

hg rollback can undo commit, import, pull, local push, and unbundle. Only use in private repos.

hg update --clean can cancel an uncommitted merge while losing changes.

Hg - Create an Archive

hg archive -rREV filename.zip

hg archive -rREV filename.tar.gz

Hg - Work Files and Tracking

hg add file Begin tracking changes

hg addremove Track new, forget missing

hg forget file Stop tracking file

hg remove file Stop tracking & del

hg copy file target Copy file

hg move file target Move file

These changes to Work must also be Committed to avoid data loss.

Hg - Work Directory Updates

hg update tip Update Work to match Tip

hg update -rREV Update Work to specified Revision

hg revert Undo all uncommitted changes

Hg - Work Status

hg diff Lists tracked file changes

hg diff file List changes to a file

hg status Lists status of files

Added, Clean, Deleted,
Ignored, Modified, Unknown

Hg - Local Repository

A complete **Local** repository of changesets that is saved in *Work/hg/* (don't edit!)

Hg - Local Repo History

hg log file/dir History of changesets

hg annotate file Who changed what, when

hg paths Lists known remote Repos

hg heads List heads

hg diff -rREV -rREV
Shows differences between REVs

Hg - Create a Local Repo

hg init Work Creates ./hg/ subfolder & Repo

hg add Begin tracking all files

hg commit -m 'Initial commit'
Save files and Commit message to Repo

Hg - Clone Remote Repo

hg clone Remote Work

Hg - Update from Remote Repo

hg incoming Remote List changesets available

hg pull Pull all new changesets into Local

hg pull -r Remote Pull specified changesets into Local

-u Also Update Working Directory

Hg - Union Merge

hg pull --force unrelated_project

hg merge

hg commit

Powerful simplicity! Use wisely.

Hg - Resources

<http://mercurial.selenic.com>

<http://hginit.com>

<http://hgbook.red-bean.com>

Hg - Remote Repository

A **Remote** repository reached via url path, often a main team repo from which Local is cloned.

Hg - Remote Update and Publish

hg push Remote Push changesets to Remote

hg share Sync history with parent and siblings

Hg - Terminology

Repository Repo. Collection of Revisions.

Revision Rev. Committed changeset, by **REV** number.

Changeset Set of Work changes saved as Diffs.

Diff Changes between files.

Tag Name for a specific Rev.

Parent Immediate ancestor of Rev or Work.

Branch Child of Rev.

Merge Rev with two parents.

Head Latest Rev in Branch.

Tip Latest Rev in ANY Branch.

Patch All Diffs between two Revs.

Bundle Patch with permissions and rename support.

Hg - Help

hg Basic command list.

hg help Full command list.

hg help command Detailed help reference.

Hg - Command Line

hg command -option... argument...

required non-literal reference

Hg - Common Options

-rREV Specify a Rev number (default parent.)

-y Don't prompt; pick each first option.

-q Quiet (suppress output.)

-v Verbose (additional detail)

-f Force (override reasonable warnings.)

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Cheat Sheet

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