

### 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.



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### 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 (supress output.)

**-v** Verbose (additional detail)

**-f** Force (override reasonable warnings.)



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