

Mercurial (Hg) Cheat Sheet by CodeShane (codeshane) via cheatography.com/1611/cs/523/

Hg - Work Directory

A local **Work** folder containing one Revision and any uncommited 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 -r REV filename.zip

hg archive -rREV filename.tar.gz

Hg - '	Work	Files	and	Trac	king

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	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 - r <i>REV</i>	Update Work to specified Revision
hg revert	Undo all uncommitted changes

By CodeShane (codeshane) cheatography.com/codeshane/codeshane.com

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	Save files and Commit
'Initial 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



target

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Hg - Terminology		
Repository	Repo. Collection of Revisions.	
Revision	Rev. Commited 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.)	
-у	Don't prompt; pick each first option.	
-q	Quiet (supress output.)	
-v	Verbose (additional detail)	
-f	Force (override reasonable warnings.)	



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