SVN Quick Reference

Getting Help

svn help
get list of subcommands

svn help subcommand
get help on subcommand

Working Copies

svn checkout [flags] URL...
create a new working directory
- r N
check out revision N of URL
- d dest
place working copy in new directory dest

svn update [flags] [targets...]
merge repository changes into working targets
- r N
update to revision N

svn commit [flags] [targets...]
check local changes into the repository
- m message
Use message as change’s log entry
- F logfile
Use contents of logfile as change’s log entry

svn add [flags] targets...
schedule targets for addition
--recursive
add a target directory recursively

svn rm [flags] paths | URLs...
schedule working-copy paths for removal, or immediately delete URLs

svn import URL path new-entry recursively commit path to new-entry within URL

Working Copy Maintenance

svn status [flags] [targets...]
recursively show local changes in targets
- v
show verbose information
- u
show out-of-dateness information from repository

svn info [targets...]
show tracked information on targets

svn revert [targets...]
revert targets to “pristine” state

svn resolve [targets...]
removes conflict files associated with conflicted targets

svn cleanup [targets...]
unlock and resume unfinished operations on targets

Metadata

svn proplist [flags] targets...
view property names attached to targets
- v
show property values as well

svn propget propname targets...
print value of propname attached to targets

svn propset propname propval targets...
set propname to propval on targets
- F file
take property value from file

svn propdel propname targets...
remove propname from targets

svn propedit propname targets...
edit value of propname attached to targets
Examing History

svn diff [flags] [target...] show local changes made in target
  -r N compare with revision N of target
  -r N:M compare revisions N and M of target

svn diff URL1@N URL2@M compare two server paths at revisions N and M

svn log [flags] targets show log entries for targets
  -r N[:M] show log entry for revision N or range N:M

Branches and Tags

svn cp SRC DST copy a working-copy path (or URL) to another working-copy path (or URL)
  WC => WC copy and schedule for addition (with history)
  WC => URL immediately commit a copy of WC to URL
  URL => WC check out URL into WC, schedule for addition
  URL => URL complete server-side copy; used to branch and tag

svn mv SRC DST move a path within a working-copy or repository.
  WC => WC move and schedule for addition (with history)
  URL => WC complete server-side rename.

svn switch target URL transform working copy target into URL; used to 'move' to a tag or branch location

svn merge path1@N path2@M wopath compare wcpaths (or URLs) path1 and path2, and merge differences into wopath

svn mkdir target immediately create working-copy or URL directory target

File Status Flags

(as printed by svn update/switch/merge)

U filename item (U)dated to repository version
G filename item’s local changes were mer(G)ed with repository changes
C filename item’s local changes (C)onflicted with repository changes
D filename item (D)eleted from working copy
A filename item (A)dded to working copy