

# SVN Quick Reference

## Getting Help

<code>svn help</code>	get list of subcommands
<code>svn help <i>subcommand</i></code>	get help on <i>subcommand</i>

## Working Copies

<code>svn checkout [<i>flags</i>] <i>URL dest</i> -r <i>N</i></code>	(If [ <i>targets...</i> ] are omitted, SVN assumes ‘.’) create a new working directory <i>dest</i> as a copy of <i>URL</i> check out revision <i>N</i> of <i>URL</i>
<code>svn update [<i>flags</i>] [<i>targets...</i>] -r <i>N</i></code>	merge repository changes into working <i>targets</i> update to revision <i>N</i>
<code>svn commit [<i>flags</i>] [<i>targets...</i>] -m <i>message</i> -F <i>logfile</i></code>	check local changes into the repository Use <i>message</i> as change’s log entry Use contents of <i>logfile</i> as change’s log entry
<code>svn add [<i>flags</i>] <i>targets...</i></code>	schedule <i>targets</i> for addition
<code>svn rm [<i>flags</i>] <i>paths</i>   <i>URLs...</i></code>	schedule working-copy <i>paths</i> for removal, or immediately delete <i>URLs</i>
<code>svn import <i>path URL</i></code>	recursively commit <i>path</i> to <i>URL</i>

## Working Copy Maintenance

<code>svn status [<i>flags</i>] [<i>targets...</i>] -v -u</code>	recursively show local changes in <i>targets</i> show verbose information show out-of-dateness information from repository
<code>svn info [<i>targets...</i>]</code>	show tracked information on <i>targets</i>
<code>svn revert [<i>targets...</i>]</code>	revert <i>targets</i> to “pristine” state
<code>svn resolved [<i>targets...</i>]</code>	removes conflict files associated with conflicted <i>targets</i>
<code>svn cleanup [<i>targets...</i>]</code>	unlock and resume unfinished operations on <i>targets</i>

## Metadata

<code>svn proplist [<i>flags</i>] <i>targets...</i> -v</code>	view property names attached to <i>targets</i> show property values as well
<code>svn propget <i>propname targets...</i></code>	print value of <i>propname</i> attached to <i>targets</i>
<code>svn propset <i>propname propval targets...</i> -F <i>file</i></code>	set <i>propname</i> to <i>propval</i> on <i>targets</i> take property value from <i>file</i>
<code>svn propdel <i>propname targets...</i></code>	remove <i>propname</i> from <i>targets</i>
<code>svn propedit <i>propname targets...</i></code>	edit value of <i>propname</i> attached to <i>targets</i>

## Examining History

<code>svn diff [flags] [target...]</code> <code>-r N</code> <code>-r N:M</code>	show local changes made in <i>target</i> compare with revision <i>N</i> of <i>target</i> compare revisions <i>N</i> and <i>M</i> of <i>target</i>
<code>svn diff URL1@N URL2@M</code>	compare two server paths at revisions <i>N</i> and <i>M</i>
<code>svn log [flags] targets</code> <code>-r N[:M]</code>	show log entries for <i>targets</i> show log entry for revision <i>N</i> or range <i>N:M</i>

## Branches and Tags

<code>svn cp SRC DST</code> <code>WC =&gt; WC</code> <code>WC =&gt; URL</code> <code>URL =&gt; WC</code> <code>URL =&gt; URL</code>	copy a working-copy path (or URL) to another working-copy path (or URL) copy and schedule for addition (with history) immediately commit a copy of WC to URL check out URL into WC, schedule for addition complete server-side copy; used to branch and tag
<code>svn mv SRC DST</code> <code>WC =&gt; WC</code> <code>URL =&gt; URL</code>	move a path within a working-copy or repository. move and schedule for addition (with history) complete server-side rename.
<code>svn switch target URL</code>	transform working copy <i>target</i> into <i>URL</i> ; used to 'move' to a tag or branch location
<code>svn merge path1@N path2@M wcpath</code>	compare wcpaths (or URLs) <i>path1</i> and <i>path2</i> , and merge differences into <i>wcpath</i>
<code>svn mkdir target</code>	immediately create working-copy or URL directory <i>target</i>

## File Status Flags

	(as printed by <code>svn update/switch/merge</code> )
<code>U filename</code>	item (U)pdated to repository version
<code>G filename</code>	item's local changes were mer(G)ed with repository changes
<code>C filename</code>	item's local changes (C)onflicted with repository changes
<code>D filename</code>	item (D)eleted from working copy
<code>A filename</code>	item (A)dded to working copy