



Basic Commands

Checkout

<code>svn checkout URL [PATH]</code>	Downloads a working copy from the repository.
Example:	
<code>svn checkout https://example.com/svn/repo myrepo</code>	
<code>svn co URL [PATH]</code>	Shorthand for <code>svn checkout .</code>

Update

<code>svn update [PATH]</code>	Brings your working copy up to date with the latest changes from the repository.
Example:	
<code>svn update</code>	(updates the current directory)
<code>svn up [PATH]</code>	Shorthand for <code>svn update .</code>

Branching and Merging

Branching

<code>svn copy URL URL -m "MESSAGE"</code>	Creates a branch in the repository.
Example:	
<code>svn copy https://example.com/svn/repo/trunk https://example.com/svn/repo/branches/mybranch -m "Creating a new branch"</code>	
<code>svn copy WCURL URL -m "MESSAGE"</code>	Copy from working copy to create a branch in the repository
Example:	
<code>svn copy https://example.com/svn/repo/branches/newbranch -m "Creating branch from WC"</code>	

Inspecting History

Log

<code>svn log [PATH]</code>	Shows the commit history of a file or directory.
Example:	
<code>svn log myfile.txt</code>	
<code>svn log -v [PATH]</code>	Shows the commit history with verbose output.

Commit

<code>svn commit [PATH] -m "MESSAGE"</code>	Sends your changes to the repository.
Example:	
<code>svn commit -m "Fixed a bug"</code>	
<code>svn ci [PATH] -m "MESSAGE"</code>	Shorthand for <code>svn commit .</code>

Add

<code>svn add PATH</code>	Adds a file or directory to version control.
Example:	
<code>svn add newfile.txt</code>	

Switching

<code>svn switch URL [PATH]</code>	Switches your working copy to a different branch or tag.
Example:	
<code>svn switch https://example.com/svn/repo/branches/mybranch</code>	
<code>svn sw URL [PATH]</code>	Shorthand for <code>svn switch .</code>

Delete

<code>svn delete PATH</code>	Marks a file or directory for deletion in the next commit.
Example:	
<code>svn delete oldfile.txt</code>	
<code>svn del PATH</code>	Shorthand for <code>svn delete .</code>
<code>svn remove PATH</code>	Alias for <code>svn delete .</code>

Status

<code>svn status [PATH]</code>	Shows the status of files and directories in your working copy.
Example:	
<code>svn status</code>	
<code>svn st [PATH]</code>	Shorthand for <code>svn status .</code>

Merging

<code>svn merge URL [PATH]</code>	Merges changes from a branch or tag into your working copy.
Example:	
<code>svn merge https://example.com/svn/repo/branches/mybranch</code>	
<code>svn merge SOURCE_URL @REV1:REV2 DEST_PATH</code>	Merge changes from a specific revision range. Example: <code>svn merge https://example.com/svn/repo/branches/mybranch@100:200 .</code>

Resolve Conflicts

After merging, conflicts may arise. Use `svn resolve --accept working PATH` to resolve them.

`svn resolve --accept mine-full filename.txt` to accept your version.

`svn resolve --accept theirs-full filename.txt` to accept the repository version.

Diff

<code>svn diff</code> <code>[PATH]</code>	Shows the differences between your working copy and the repository. Example: <code>svn diff myfile.txt</code>
<code>svn diff -r</code> <code>REV1:REV2</code> <code>[PATH]</code>	Shows the differences between two revisions. Example: <code>svn diff -r 100:200</code> <code>myfile.txt</code>

Blame

<code>svn blame</code> <code>PATH</code>	Shows who last modified each line of a file. Example: <code>svn blame myfile.txt</code>
<code>svn praise</code> <code>PATH</code>	Alias for <code>svn blame</code> .
<code>svn annotate</code> <code>PATH</code>	Alias for <code>svn blame</code> .

Info

<code>svn</code> <code>info</code> <code>[PATH]</code>	Displays information about a file or directory, such as its URL and revision. Example: <code>svn info myfile.txt</code>
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Advanced Operations

Revert

<code>svn</code> <code>revert</code> <code>PATH</code>	Discards local changes and reverts a file or directory to its original state. Example: <code>svn revert myfile.txt</code>
<code>svn</code> <code>revert -R</code> <code>PATH</code>	Recursively reverts all changes in a directory.

Cleanup

<code>svn cleanup</code>	- Cleans up a working copy after an interrupted operation.
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Locking

<code>svn lock</code> <code>PATH -m</code> <code>"MESSAGE"</code>	Locks a file in the repository to prevent others from modifying it. Example: <code>svn lock myfile.txt -m</code> <code>"Locking for editing"</code>
<code>svn unlock</code> <code>PATH</code>	Unlocks a file in the repository. Example: <code>svn unlock myfile.txt</code>

Import

<code>svn</code> <code>import</code> <code>PATH URL -m</code> <code>"MESSAGE"</code>	Imports an unversioned tree into the repository. Example: <code>svn import mydirectory</code> <code>https://example.com/svn/repo/trunk -m "Importing initial project"</code>
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Export

<code>svn export</code> <code>URL [PATH]</code>	Exports a clean directory tree from the repository, without version control metadata. Example: <code>svn export</code> <code>https://example.com/svn/repo/trunk myexport</code>
<code>svn export</code> <code>--revision</code> <code>REV URL</code> <code>[PATH]</code>	Exports a specific revision. Example: <code>svn export --revision 123</code> <code>https://example.com/svn/repo/trunk myexport</code>