



Subversion Components

svn	Command line program
svnversion	Revision of working copy
svnlook	Inspect repository
svnadmin	Repository administration
svndumpfilter	Filter repository stream
mod_dav_svn	Apache module
svnserve	SVN server (SVN protocol)
svnsync	Mirror repository

Add Files or Folders

```
$ svn add *
```

Add all items in folder, and recurse (ignores versioned directories)

```
$ svn add itemname
```

If itemname is folder, all subfolders and files will also be added

```
$ svn add * --force
```

Force recurse into versioned directories

Commit Changes to Repository

```
$ svn commit "/path"
```

Commit changes to file or folder

```
$ svn commit -m "Message" "/path"
```

Commit with message "Message"

```
$ svn commit -N "/path"
```

Commit changes to folder without recurse

Subversion Protocols

file://	Local machine
http://	HTTP (Apache)
https://	HTTPS (SSL)
svn://	SVN (svnserve)
svn+ssh://	SVN over SSH

Deleting, Copying and Moving

```
$ svn delete "/path"
```

```
$ svn -m "Deleting" delete "/path"
```

Deletes with message "Deleting"

```
$ svn copy "sourcepath" "targetpath"
```

Copy source to target

```
$ svn move "sourcepath" "targetpath"
```

Move source to target

Miscellaneous Commands (\$ svn ...)

```
resolve "/path"      Resolve conflict
```

```
cleanup "/path"      Recursively remove locks and complete operations
```



```
lock "/path"         Lock path
```

```
unlock "/path"       Unlock path
```

```
cat "/path"          View file contents
```

```
status "/path"       Get path status
```

Subversion Help

```
$ svn help
```

```
$ svn help import
```

Show help for "import" command

Revert Local (Uncommitted) Changes

```
$ svn revert "/path/filename"
```

Reverts changes to file

```
$ svn revert -R "/path/folder"
```

Reverts changes to folder recursively

Item and Property Statuses

' '	No modifications
'A'	Addition
'D'	Deletion
'M'	Modified
'R'	Item replaced
'C'	In conflict
'X'	Externals definition
'I'	Ignored
'?'	Not in repository
'!'	Item missing
'~'	Object type changed

Repository Administration

```
$ svnadmin create "/path/to/repository"
```

Create repository

```
$ svnadmin setlog "path" -r 7 message.txt
```

Change log message for revision 7 of "path" to contents of message.txt

```
$ svnadmin dump "repository" > filename
```

Dump contents of repository to file

```
$ svnadmin load "repository" < filename
```

Load contents of file into repository

Logs and Blame

```
$ svn log "/path"
```

Show log messages from repository

```
$ svn blame "/path"
```

Show commits with messages for path

Differences Between Files

```
$ svn diff "/path/file"
```

See what has changed in "/path/file"

```
$ svn diff "/path/file@2" "/path/file@7"
```

Compares file in revisions 2 and 7

```
$ svn diff -r 2:7 "/path/folder"
```

Compared all files in revisions 2 and 7

Add Local Folder to Repository

```
$ svn import folder "/path/to/repository"
```

Checkout Working Copy

```
$ svn checkout "/path/to/repository/folder"
```

Creates working copy of "folder"

```
$ svn checkout "/path" foldername
```

Checkout into new folder "foldername"

Merge Changes

```
$ svn merge -r 2:7 "item" "/path/file"
```

Apply the diff between revisions 2 and 7 of "item" to "/path/file"

```
$ svn merge "url1" "url2" "/path/file"
```

Apply the diff between "url1" and "url2" to "/path/file"

Update Working Copy from Repository

```
$ svn update "/path"
```

```
$ svn update -r9 "/path"
```

Update to revision 9

Note *This cheat sheet is based in large part on the SVN book, free from: <http://svnbook.red-bean.com/>*

Property Commands (\$ svn ...)

```
proplist "/path"      List properties
```

```
propset PROP VAL      Set property "PROP" to value "VAL"
```

```
propget PROP "/path"  Get value of "PROP"
```

```
propedit PROP "/path" Edit "PROP"
```

```
propdel PROP "/path"  Delete "PROP"
```

Argument Shortcuts

```
-m "Message"          --message
```

```
-q                    --quiet
```

```
-v                    --verbose
```

```
-r                    --revision
```

```
-c                    --change
```

```
-t                    --transaction
```

```
-R                    --recursive
```

```
-N                    --non-recursive
```

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