

### Subversion Resources

Homepage <http://subversion.apache.org/>  
 SVN Book <http://svnbook.red-bean.com/>

### Subversion Components

svn Command line program  
 svnversion Revision of working copy  
 svnlook Inspect repository  
 svndumpfilter Filter repository stream  
 mod\_dav\_svn Apache module  
 svnserve SVN server (SVN protocol)  
 svnsync Mirror repository

### Subversion Protocols

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

### Subversion Help

\$ svn help  
 \$ svn help import  
 | Show help for "import" command

The \$ symbol is used to denote commands to be typed.

### Subversion Repository Administration

\$ svnadmin create "/path/to/repository"  
 | Create new repository  
 \$ svnadmin setlog "/path" -r 7 message.txt  
 | Change log message for revision 7 to contents of file message.txt  
 \$ svnadmin dump "/path/to/repository" > filename  
 | Dump repository to file (backup)  
 \$ svnadmin load "/path/to/repository" < filename  
 | Load repository from file (restore)

### Subversion Property Commands

\$ svn proplist "/path"  
 | List properties  
 \$ svn propset PROP VAL "/path"  
 | Set PROP to VAL for path.  
 \$ svn propget PROP "/path"  
 | Get value of PROP  
 \$ svn propedit PROP "/path"  
 | Edit PROP  
 \$ svn propdel PROP "/path"  
 | Delete PROP

### Cheatographer



**Dave Child** (DaveChild)  
[cheatography.com/davechild/](http://cheatography.com/davechild/)  
[www.addedbytes.com](http://www.addedbytes.com)

### Subversion Checkout Working Copy

\$ svn checkout "/path/to/repository"  
 | Checkout working copy into current folder  
 \$ svn checkout "/path/to/repository" "/path/to/folder"  
 | Checkout working copy into target folder

### Subversion Update Working Copy

\$ svn update "/path"  
 | Update path  
 \$ svn update -r9 "/path"  
 | Update path to revision 9

### Subversion Add Files and Folders

\$ svn add \*  
 | Add all items, recursively  
 \$ svn add itemname  
 | Add itemname (if folder, adds recursively)  
 \$ svn add \* --force  
 | Force recursion into versioned directories

### Subversion Commit Changes

\$ svn commit "/path"  
 | Commit changes to path  
 \$ svn commit -m "Message" "/path"  
 | Commit with log message  
 \$ svn commit -N "/path"  
 | Commit without recursion  
 \$ svn import "/path/to/folder" "/path"  
 | Import and commit local folder

### Subversion Deleting, Copying and Moving

\$ svn delete "/path"  
 | Delete path  
 \$ svn -m "Delete message" delete "/path"  
 | Delete with log message  
 \$ svn copy "/source" "/target"  
 | Copy source to target  
 \$ svn move "/source" "/target"  
 | Move source to target

### Subversion Logs and Blame

\$ svn log "/path"  
 | Show log messages for path  
 \$ svn blame "/path"  
 | Show commits for path

### Subversion Revert Changes

\$ svn revert "/path"  
 | Revert changes to path  
 \$ svn revert -R "/path"  
 | Revert changes recursively

### Cheat Sheet

This cheat sheet was published on 25th February, 2012 and was last updated on 25th February, 2012.

### Subversion Differences Between Files

\$ svn diff "/path/file"  
 \$ svn diff "/path/file@2" "/path/file@7"  
 \$ svn diff -r 2:7 "/path/folder"

### Subversion Merge Changes

\$ svn merge -r2:7 "item" "/path"  
 | Apply diff between revisions 2 and 7 of "item" to path  
 \$ svn merge "url1" "url2" "/path"  
 | Apply diff between "url1" and "url2" to path

### Subversion Miscellaneous Commands

\$ svn resolve "/path"  
 | Resolve conflict  
 \$ svn cleanup "/path"  
 | Remove locks and complete operations  
 \$ svn lock "/path"  
 | Lock path  
 \$ svn unlock "/path"  
 | Unlock path  
 \$ svn status "/path"  
 | Get path status  
 \$ svn cat "/path"  
 | View file contents

### Subversion Item and Property Statuses

No modifications (blank)  
 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

### Subversion Argument Shortcuts

-m "Message" --message  
 -q --quiet  
 -v --verbose  
 -r --revision  
 -c --change  
 -t --transaction  
 -R --recursive  
 -N --non-recursive

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