

### Subversion Resources

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

### 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

### 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
```

### Subversion Repository Administration (cont)

```
$ 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
```

### 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 recurs-
| ively)
$ svn add * --force
| Force recursion into versioned direct-
| ories
```

### 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
```



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### Subversion Revert Changes

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

Revert changes to path

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

Revert changes recursively

### 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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