

<h3>Subversion Components</h3> <table border="1"> <tr><td>svn</td><td>Command line program</td></tr> <tr><td>svnversion</td><td>Revision of working copy</td></tr> <tr><td>svnlook</td><td>Inspect repository</td></tr> <tr><td>svnadmin</td><td>Repository administration</td></tr> <tr><td>svndumpfilter</td><td>Filter repository stream</td></tr> <tr><td>mod_dav_svn</td><td>Apache module</td></tr> <tr><td>svnserve</td><td>SVN server (SVN protocol)</td></tr> <tr><td>svnsync</td><td>Mirror repository</td></tr> </table>	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	<h3>Add Files or Folders</h3> <pre>\$ svn add *</pre> <p><i>Add all items in folder, and recurse (ignores versioned directories)</i></p> <pre>\$ svn add itemname</pre> <p><i>If itemname is folder, all subfolders and files will also be added</i></p> <pre>\$ svn add * --force</pre> <p><i>Force recurse into versioned directories</i></p>	<h3>Commit Changes to Repository</h3> <pre>\$ svn commit "/path"</pre> <p><i>Commit changes to file or folder</i></p> <pre>\$ svn commit -m "Message" "/path"</pre> <p><i>Commit with message "Message"</i></p> <pre>\$ svn commit -N "/path"</pre> <p><i>Commit changes to folder without recurse</i></p>						
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<h3>Subversion Help</h3> <pre>\$ svn help</pre> <pre>\$ svn help import</pre> <p><i>Show help for "import" command</i></p>	<h3>Revert Local (Uncommitted) Changes</h3> <pre>\$ svn revert "/path/filename"</pre> <p><i>Reverts changes to file</i></p> <pre>\$ svn revert -R "/path/folder"</pre> <p><i>Reverts changes to folder recursively</i></p>	<h3>Item and Property Statuses</h3> <table border="1"> <tr><td>'.'</td><td>No modifications</td></tr> <tr><td>'A'</td><td>Addition</td></tr> <tr><td>'D'</td><td>Deletion</td></tr> <tr><td>'M'</td><td>Modified</td></tr> <tr><td>'R'</td><td>Item replaced</td></tr> <tr><td>'C'</td><td>In conflict</td></tr> <tr><td>'X'</td><td>Externals definition</td></tr> <tr><td>'I'</td><td>Ignored</td></tr> <tr><td>'?'</td><td>Not in repository</td></tr> <tr><td>'!'</td><td>Item missing</td></tr> <tr><td>'~'</td><td>Object type changed</td></tr> </table>	'.'	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
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<p><b>Note</b> The \$ symbol is used to denote commands to be typed.</p>																								
<h3>Repository Administration</h3> <pre>\$ svnadmin create "/path/to/repository"</pre> <p><i>Create repository</i></p> <pre>\$ svnadmin setlog "path" -r 7 message.txt</pre> <p><i>Change log message for revision 7 of "path" to contents of message.txt</i></p> <pre>\$ svnadmin dump "repository" &gt; filename</pre> <p><i>Dump contents of repository to file</i></p> <pre>\$ svnadmin load "repository" &lt; filename</pre> <p><i>Load contents of file into repository</i></p>	<h3>Logs and Blame</h3> <pre>\$ svn log "/path"</pre> <p><i>Show log messages from repository</i></p> <pre>\$ svn blame "/path"</pre> <p><i>Show commits with messages for path</i></p>	<h3>Property Commands (\$ svn ...)</h3> <pre>proplist "/path"</pre> <p><i>List properties</i></p> <pre>propset PROP VAL "/path"</pre> <p><i>Set property "PROP" to value "VAL"</i></p> <pre>propget PROP "/path"</pre> <p><i>Get value of "PROP"</i></p> <pre>propedit PROP "/path"</pre> <p><i>Edit "PROP"</i></p> <pre>propdel PROP "/path"</pre> <p><i>Delete "PROP"</i></p>																						
<h3>Add Local Folder to Repository</h3> <pre>\$ svn import folder "/path/to/repository"</pre>	<h3>Differences Between Files</h3> <pre>\$ svn diff "/path/file"</pre> <p><i>See what has changed in "/path/file"</i></p> <pre>\$ svn diff "/path/file@2" "/path/file@7"</pre> <p><i>Compares file in revisions 2 and 7</i></p> <pre>\$ svn diff -r 2:7 "/path/folder"</pre> <p><i>Compared all files in revisions 2 and 7</i></p>																							
<h3>Checkout Working Copy</h3> <pre>\$ svn checkout "/path/to/repository/folder"</pre> <p><i>Creates working copy of "folder"</i></p> <pre>\$ svn checkout "/path" foldername</pre> <p><i>Checkout into new folder "foldername"</i></p>	<h3>Merge Changes</h3> <pre>\$ svn merge -r 2:7 "item" "/path/file"</pre> <p><i>Apply the diff between revisions 2 and 7 of "item" to "/path/file"</i></p> <pre>\$ svn merge "url1" "url2" "/path/file"</pre> <p><i>Apply the diff between "url1" and "url2" to "/path/file"</i></p>	<h3>Argument Shortcuts</h3> <table border="1"> <tr><td>-m "Message"</td><td>--message</td></tr> <tr><td>-q</td><td>--quiet</td></tr> <tr><td>-v</td><td>--verbose</td></tr> <tr><td>-r</td><td>--revision</td></tr> <tr><td>-c</td><td>--change</td></tr> <tr><td>-t</td><td>--transaction</td></tr> <tr><td>-R</td><td>--recursive</td></tr> <tr><td>-N</td><td>--non-recursive</td></tr> </table>	-m "Message"	--message	-q	--quiet	-v	--verbose	-r	--revision	-c	--change	-t	--transaction	-R	--recursive	-N	--non-recursive						
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<h3>Update Working Copy from Repository</h3> <pre>\$ svn update "/path"</pre> <pre>\$ svn update -r9 "/path"</pre> <p><i>Update to revision 9</i></p>	<p><b>Note</b> This cheat sheet is based in large part on the SVN book, free from: <a href="http://svnbook.red-bean.com/">http://svnbook.red-bean.com/</a></p>	<p>Available free from <b>AddedBytes.com</b></p>																						