SVN Quick Reference

Getting Help

```bash
svn help
svn help subcommand
```

get list of subcommands
get help on subcommand

Working Copies

```bash
svn checkout [flags] URL dest
    -r N
svn update [flags] [targets...]  
    -r N
svn commit [flags] [targets...]  
    -m message
    -f logfile
svn add [flags] targets...
svn rm [flags] paths | URLs...
svn import path URL
```

create a new working directory dest as a copy of URL
check out revision N of URL
merge repository changes into working targets
update to revision N
check local changes into the repository
Use message as change’s log entry
Use contents of logfile as change’s log entry
schedule targets for addition
schedule working-copy paths for removal, or immediately delete URLs
recursively commit path to URL

Working Copy Maintenance

```bash
svn status [flags] [targets...]  
    -v
    -u
svn info [targets...]  
svn revert [targets...]  
svn resolved [targets...]  
svn cleanup [targets...]  
```

recursively show local changes in targets
show verbose information
show out-of-dateness information from repository
show tracked information on targets
revert targets to “pristine” state
removes conflict files associated with conflicted targets
unlock and resume unfinished operations on targets

Metadata

```bash
svn proplist [flags] targets...
    -v
svn propget propname targets...
svn propset propname propval targets...
    -f file
svn propdel propname targets...
svn propedit propname targets...
```

view property names attached to targets
show property values as well
print value of propname attached to targets
set propname to propval on targets
take property value from file
remove propname from targets
edit value of propname attached to targets
Examine History

svn diff [flags] [target...]  
  -r N  
  -r N:M  

svn diff URL1@N URL2@M  

svn log [flags] targets  
  -r N[:M]  

Branches and Tags

svn cp SRC DST  
  WC => WC  
  WC => URL  
  URL => WC  
  URL => URL  

svn mv SRC DST  
  WC => WC  
  URL => URL  

svn switch target URL  

svn merge path1@N path2@M wpath  

svn mkdir target  

File Status Flags  
  (as printed by svn update/switch/merge)

- U filename  
- G filename  
- C filename  
- D filename  
- A filename