

Quick overview

Source → local file system

target → subversion server

`svn mkdir target`

`svn import source target --username macid --message "string of comment"`

`svn list target --username macid -v`

`svn checkout target`

`svn add source`

`svn delete target`

`svn commit --message "string of comment"` (svn update)

`svn log target --username macid`

`svn help name_of_sub_command`

Import(submit)/delete your exercise

Assume that your programming exercise one is located at

~/ex1 [~ is your home directory]

And currently you have two files: file1.txt file2.txt

1. To import your ex1 along with that two files into your repository. [a new directory, “ex1”, will be created under your repository folder]

```
svn import ~/ex1 https://websvn.mcmaster.ca/se2s03/yourfolder/ex1 --username macid --message “first import”
```

Replace both **macid** and **yourfolder** with your MacID

You will be asked for password, which is initialized to be identical with your CAS ID Password]

2. List your repository

```
svn list https://websvn.mcmaster.ca/se2s03/yourfolder --username macid -v
```

```
svn list https://websvn.mcmaster.ca/se2s03/yourfolder/ex1 --username macid -v
```

3. Delete your folder in your repository [i.e., remove your previous submission of ex1 completely]

```
svn delete https://websvn.mcmaster.ca/se2s03/yourfolder/ex1 --username macid --message “delete ex1 folder”
```

Get a working copy of your exercise1 from the repository, Modify, Commit

1. Get a working copy

```
svn checkout https://websvn.mcmaster.ca/se2s03/yourfolder/ex1 --username macid
```

2. Updating your working copy

```
svn update
```

3. Adding a new file [even after you've imported your exercise, you'll eventually want to add a new file into your repository]

```
svn add filename
```

4. Commit your changes

```
svn commit --message "comment"
```

Working with Revisions

1. Check Status [A, M etc]

```
svn status working_copy
```

2. Check Log [List all revisions in the repository]

```
svn log
```

3. Revert to Previous Revisions

```
svn update -r R [Replace R with an actual revision number]
```