# SVN Guide

--- ***By Yiling MA (Eleanor)***

# For managing the code.

Every document has a (.svn) for writing down changes.

### Some definisions:

Checkout: Download the code from Repository and build the local working copy.

Commit: Hand in the code amended to storage : svn coommit -m"my first commit"

Update: Synchronize the code amended from Repository to the local working copy: svn update.

Revision: After every Commit.

* Made up by:

svnlook

svnadmin

svnserve

svnsync

## Common Commands:

Create: svn asmin create / path/ to / repository

Import: svn import / file/ path / to / repository - m 'commit'

Checkout: svn checkout / path / to / repository

Modify catalog structure:

      svn add

      svn delete

      svn copy

      svn move

      svn mkdir

See what have modified:

      svn diff

      svn status: issue an svn status request and got it(e.g. minites).

Cancel the modification:

     svn revert

Hand in the modification:

     svn commit -m'comment'

Look through:

     svn cat

     svn list

Lock:

     svn lock/path/to/file -m'comment'

     svn unlock/path/to/file

When in trouble: svn cleanup

Layout recommended : / project name/ trunk/ branches/ tags("snap shots" of the development; often a "release")

Create approach: svn add trunk

                    svn add trunk/src

                     svn add trunk/doc : minites as a text file

                     svn coommit -m"my first commit"

Branch: svn copy / screpo/ distrepo -m'comment'

           svn checkout / distrepo

          Mark: svn copy / srcrepo / version \_3\_2\_1

Look at the properties: svn proplist lecture03.pdf

Library: http://svnbook.red-bean.com