

SVN Administrative Details

The IEPM SVN Location is at:

```
/afs/slac.stanford.edu/g/scs/net/netmon/repo/svn
```

SVN Repository Creation

An SVN Repository has been created at `/afs/slac.stanford.edu/g/scs/net/netmon/repo/svn`. The command to create this was:

```
$ svnadmin create /afs/slac.stanford.edu/g/scs/net/netmon/repo/svn --fs-type fsfs
```

Note that we are using `fs-type fsfs` due to the fact that we are housing the repo on an AFS share.

SVN Project Creation

New projects can be created by IEPM members (with sufficient AFS permissions). Given an existing project with files to be imported, one would run the command:

```
$ cd <project-path>

$ svn import . file:///afs/slac.stanford.edu/g/scs/net/netmon/repo/svn/<project-name>/trunk
```

This will recursively add all files within `<project-path>` into the SVN repository; whereby it will be located at `<project-name>`. The use of `/trunk` at the end of the path is arbitrary; however, it is recommended good practise to facilitate the branching of projects.

Once a project has been initially imported into the SVN database, it is necessary to start working on a 'fresh' version (as the files in the initial import do not 'know' about the SVN). This is achieved with a SVN checkout.

SVN Command Primer

A primer on the command styles to use while working with projects within SVN repositories can be found [here](#).