

Subversion How To Create a Repo for Personal Use

1. Install subversion
2. Create a local repository

```
> cd ~  
# Create the Repository  
> svnadmin create ~/repo1  
# Create the place to put home  
> svn mkdir {path_to_repo}2/repo/home
```
3. Make a directory for your home dir on the repo

```
> svn mkdir {path_to_repo}/home/ematheso
```
4. Next Check it out on top of your home

```
> svn co -f {path_to_repo}/home/ematheso .
```
5. Now add the files you care about

```
> svn add3 .z??* .bash* .csh* .tcsh* .forward .plan .profile  
.xinitrc .perltidycr
```
6. Add the directories you want, that you don't want to recurse and add the files..

```
> svn add -N .ssh
```
7. Add directories you do want to recurse....

```
> svn add bin bin/scripts
```
8. Now add the files you might care about from those directories you didn't recurse

```
> svn add .ssh/authorized_keys .ssh/config
```
9. Ok .. Check everything in

```
> svn ci
```
10. On another host .. you can now check everything out on top

```
> svn co --force svn+ssh://{host}/{path_to_repo}/{UID} .
```
11. And to update ... just simply...

```
> svn up
```

Resources

- `svn help`
- <http://svnbook.red-bean.com/>
- `svnadmin help`
- <http://subversion.tigris.org/>

1 This can be relative or absolute path.

2 {path_to_repo} == <file:///>{absolute_path} .. or can be `svn+ssh://{host}/{relative_path}` .. eg `svn+ssh://peter/~branson` works just fine

3 Once you check out.. it stores the path .. so you dont' need to type it anymore!