

Solaris Minix Installation Help File (Updated version)

Solaris Minix (smx) is a ported version of minix that runs on Solaris. I am just illustrating some of the key points on installation, which you would follow. My document is on the same lines with the smx installation manual, which you can find in the smx directory after you have installed minix.

The first thing you need to do is to create your own directory under */home/seed/785*. If you have not done so, here is what you would do: (I will use myself as an example. My ECS login id is *rwang01*, so in the following document, each time you see *rwang01*, replace it with *your own ECS login id*)

- (1) **cd /home/seed/785**
- (2) **mkdir rwang01**
- (3) **cd rwang01**

Now you have created your own directory, you can begin install & run minix now. You need to do the following each time you try to re-install Minix(smx). Again, each time you see *rwang01*, replace it with *your own ECS login id*. Notice that all your projects should be executed under */home/seed/785/ecslogin*, such as */home/seed/785/rwang01*

1. Create a directory for **smx** and change to the directory.
→ **cd /home/seed/785/rwang01**
→ **mkdir smx**
→ **cd smx**
2. Now you are in */home/seed/785/ecslogin/smx*, need to **untar** the smx tar file from the */home/seed/smxdownload* or */home/seed/785/smx* directory to current directory.
→ **cp /home/seed/smxdownload/SMX200.tar.gz SMX200.tar.gz**
→ **gunzip SMX200.tar.gz**
→ **tar xvf SMX200.tar**
→ **cp /home/seed/smxdownload/SMX200fix1.tar.gz SMX200fix1.tar.gz**
→ **gunzip SMX200fix1.tar.gz**
→ **tar xvf SMX200fix1.tar**
This will untar the files into your smx folder.
3. Now you are in */home/seed/785/ecslogin/smx*, create a directory, with the command: → **mkdir minix_bin**
4. Change directory with command:
→ **cd src/Solaris.**
5. Open the **Makefile** in current directory, replace the statement:
DESTDIR = /users/cosc/staff/paul/minix/1.7/sunbin
with
DESTDIR = /home/seed/785/ecslogin/smx/minix_bin
Then save and close the file.
6. Now you are in */home/seed/785/ecslogin/smx/src/Solaris*, execute command:

Screenshot of Minix Boot

If you want to reinstall minix from beginning, just go to `/home/seed/ecslogin` directory and execute:

→ `cd /home/seed/785/ecslogin`

→ `/usr/bin/rm -rf smx`