

Get the source

Create a Soclib account (go to [?https://www.soclib.fr/trac/dev](https://www.soclib.fr/trac/dev)). This account allows you to checkout DSX.

svn co [?https://www-asim.lip6.fr/svn/dsx/dsx/trunk/dsx](https://www-asim.lip6.fr/svn/dsx/dsx/trunk/dsx) dsx

Get prerequisites

Simulation/Development? tools:

- A [cross compilation toolchain](#) for each targetted arch
- A copy of [?SocLib](#)
- A copy of [?MutekH](#)
- A copy of [?SystemC](#)
- A copy of [?SystemCASS](#) (optional, for fast Caba simulation)

You should have all binaries from those projects in your PATH

Configure DSX

See [DsxConfig](#)

Setup paths

DSX comes with a startup script, you can find it in `/path/to/dsx/bin/dsx_env.sh`. You must source it with either `DSX_DIR` set up as appropriate:

```
export DSX_DIR=/path/to/dsx
source ${DSX_DIR}/bin/dsx_env.sh
```

You may put these commands in you shell startup script.

Testing

Easiest test is to run examples

```
$ cd $DSX_DIR/examples/hello
$ ./hello.py
[...]
$ ./exe.muteks_hard
[You should get "Hello world" in a tty]
```