

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 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 only needs access to its python library. Setup your PYTHONPATH variable as needed, for instance:

```
$ export PYTHONPATH=$DSX_DIR/lib/python
```

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]
```