First step

Create your python-based soc description, you'll need dsx and SocLib modules:

```
from dsx import *
from soclib import *
```

Always import those two modules in this order or you'll experience some strange import failures.

Task declaration

Then declare some tasks. See DsxTaskModel, DsxTasks, SrlApi

Tcg

Now you can create a Task and Control Graph. See DsxTcg.

Posix Test

Now create a posix version of your application

```
px = Posix()

tcg.generate(px)

TopMakefile(px)
```

Compile, test, debug

See DsxPosix.

Create your SoC

See SocCreation?.

Mapping

See DsxMapping.

Compile the simulator, ?

```
muteks = MutekS()
caba = Caba()
mapper.generate( muteks, caba )

TopMakefile( muteks, caba )
```

Run, debug

You may change some flags about MutekS.

You're on your own, use CabaSimulatorFlags, maybe use GtkWave?.