

Creating a netlist

DSX may be used as a simple SoCLib netlister. This is trivial:

Create your architecture as usual:

```
import dsx
import soclib

arch = soclib.Architecture(?)

mt = arch.create('common:mapping_table', 'mapping_table', ?)

vgmn = arch.create('caba:vci_vgmn', 'vgmn0', ?)

xcache = arch.create('caba:vci_xcache_wrapper', ?)

vgmn.to_initiator.new() // xcache.vci

?
```

Calling the driver

Then use the `PfDriver()` on the architecture object:

```
driver = soclib.PfDriver()

arch.generate(driver)
```

You're done. You now have a topcell, the associated system driver, and DSX even called `soclib-cc` for you.

Changing output name

As for other driver, you may change the output directory with the `outdir=` parameter:

```
driver = soclib.PfDriver( outdir = "my_platform" )
```