

# Posix version

You may compile your application using software implementation of your tasks.

## Debugging tools

You may use gdb, ddd, whatever. I wont describe it here.

## Logs

Dsx will log MwMr fifos contents to files, there will appear all read/written data, from where. The file will be named after the MwMr fifo's name `name.txt`

Dsx will also log messages on terminal, and to a file named `dsx_trace.txt`. You may change minimal DsxLogging level displayed through environment variable `DSX_VERBOSITY`:

```
$ export DSX_VERBOSITY=TRACE
$ ./exe.posix
```

Or even, for a one-time change:

```
$ DSX_VERBOSITY=TRACE ./exe.posix
```

## Options when instanciating Posix

You can activate verbosity to see compilation lines:

```
tcg.generate(Posix(VERBOSE=1))
```

You can also specify compilation flags that will be used in the make execution (compilation and linking). For example, to add the profiling option:

```
tcg.generate(Posix(COMPILE_FLAGS="-pg"))
```