

# Cross-compilation issues

## Wrong cross-compiler

In a bunch of GCC error messages, you see

```
as: unrecognized option '-EL'
```

Your mips gcc has been created wrongly, it's using your native (most probably x86) assembler. Recreate your [cross-compilation toolchain](#).

## Simulation issues

### Bus simulation and multiple drivers

Using PiBus under SystemC-2.2, you see

```
Error: (E115) sc_signal<T> cannot have more than one driver
signal `pibus_d' (sc_signal)
first driver `tty_wrapper.port_8' (sc_inout)
second driver `multiram_wrapper.port_8' (sc_inout)
In file: ../../../../src/sysc/communication/sc_signal.cpp:137
```

SystemC got picky about multiple drivers. This probably needs a fix in simulation models, using SystemC-2.1 is a workaround for now.