

Files

As there are two files in the *verif* directory with the names *core_ibex_fcov_if.sv* and *core_ibex_fcov_bind.sv*. Include these two files in your testbench top file using ``include` directive.

Note: please take into consideration the order of the files while including *core_ibex_fcov_if.sv* will be added before *core_ibex_fcov_bind.sv*.

Compilation options

Add `-cm line+cond+tgl+branch+assert` option in your compilation command of vcs.

Simulation options:

Also add `-cm line+cond+tgl+branch+assert` option in your simulation command.

To see the details of the coverage along with covergroup information, enter the following command:

```
urg -dir simv.vdb -format text -group show_bin_values
```

This will generate a folder with the name *urgReport*, this folder contains the files related to coverage in text format.

Open *groups.txt* file to open group lists and *grpinfo.txt* to get the information related to coverpoints of a covergroup. Other files can also be explored to see the different types of coverages.

To see the coverage in gui; enter the following command:

```
dve -covdir simv.vdb/ -full64
```

You can choose Function Groups , Design Hierarchy or Module List from Show: dropdown menu.