

LABORATORIUM 6

a) Which objects in the diagram instantiate which?

- random_test instantiates
 - env
 -
- Env instantiates
 - driver
 - scoreboard
 - coverage
 - random_tpg
 - command_monitor
 - result_monitor

b) The following objects in the diagram are created by the new() function:

- uvm_tlm_fifo
- uvm_analysis_port ?
- uvm_get_port ?
- uvm_analysis_fifo ?

c) The following objects in the diagram are created by reference to the UVM factory:

- tpngen,
- driver,
- coverage,
- scoreboard,
- command_monitor,
- result_monitor

d) Objects of the following classes retrieve BFM information from UVM by calling uvm_config_db:

- driver,
- result_monitor,
- command_monitor

e) Objects of the following classes instantiate uvm_analysis_port:
command_monitor, result_monitor

f) Objects of the following classes instantiate uvm_get_port:

- driver

g) Objects of the following classes instantiate uvm_put_port:

- base_tpgen

h) The following uvm_*_port classes are parametrized:

- uvm_analysis_port #(result_s) ap
- uvm_analysis_port #(command_s) ap

- `vm_get_port #(command_s) command_port`
- `uvm_put_port #(command_s) command_port`

i) The following classes include the implementation of the void write() method:

- scoreboard,
- coverage