

UVM Basics

Reporting

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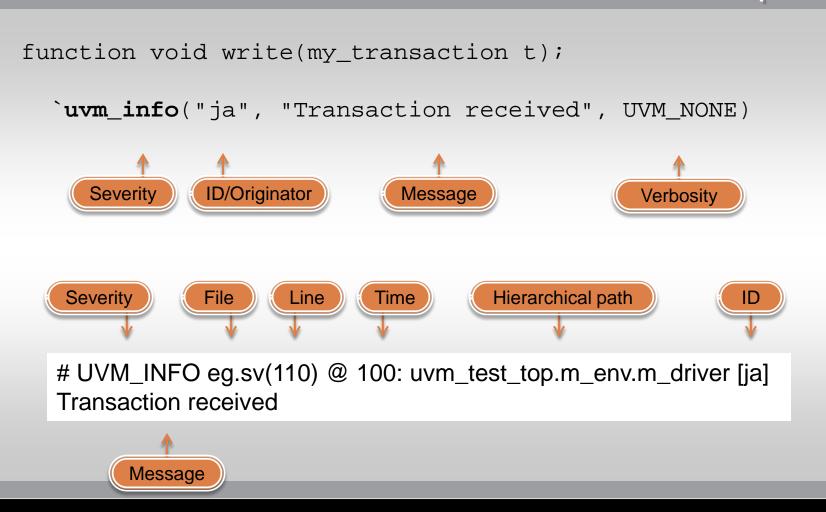

```
`uvm_info ("id", "message", verbosity)
`uvm_warning("id", "message")
`uvm_error ("id", "message")
`uvm_fatal ("id", "message")
```

- From uvm_component
- From uvm_sequence
- From SystemVerilog module





Details of the Report ■





Controlling Verbosity





Setting Actions

```
uvm_top.set_report_severity_action_hier(
                                  UVM_INFO, UVM_NO_ACTION);
                                All info messages
                                                 Suppress messages
uvm_top.set_report_id_action_hier(
                                  "ja", UVM_NO_ACTION);
                            Suppress all messages with ID = "ja"
```





Some Common Actions **■**

UVM_NO_ACTION

UVM_DISPLAY

UVM_LOG

UVM_COUNT

UVM_EXIT

UVM_STOP

Do nothing

Send report to standard output (default)

Send report to a file

Stop simulation when max count is reached (error)

Finish simulation immediately (fatal)

Call \$stop

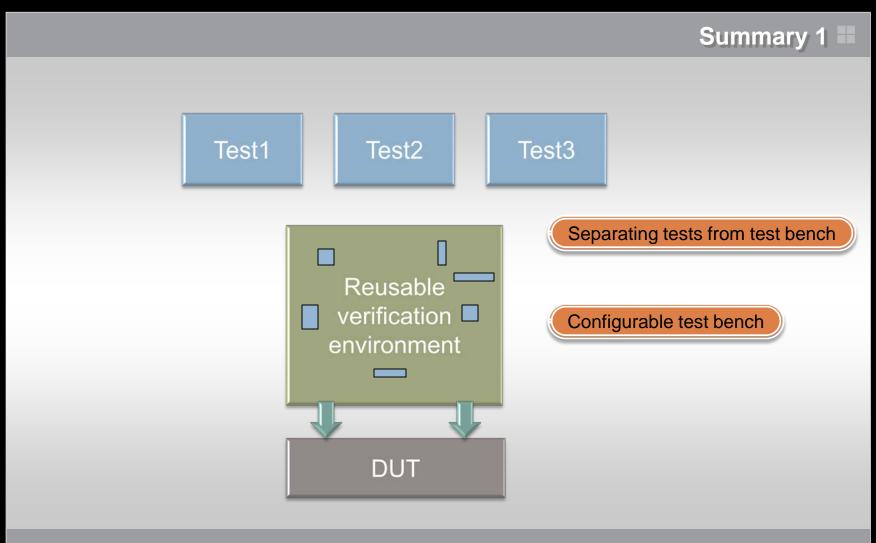


Redirecting Reports to a File

_hier method must be called after build_phase

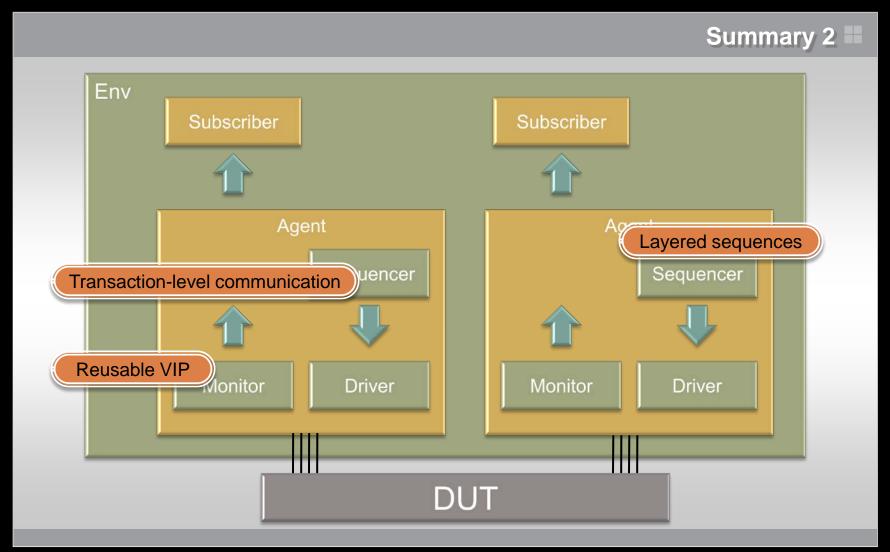
















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