

UVM Driver \Rightarrow

UVM driver is inherited from UVM component, Method and TLM port (seq_item port) are defined for communication b/w sequencer and drivers.

A driver is written by extending the UVM driver.

UVM Driver Methods \Rightarrow

(i) get_next_item :-

This method blocks until a REQ sequence item is available in the sequencer.

(ii) try_next_item :-

This is a non-blocking and it will return a null pointer if there is no REQ sequence item available in the sequencer.

(iii) item_done :-

The non-blocking item_done method completes the driver-sequencer handshake and it should be called after a get_next_item() or a successful try_next_item() call.

(iv) put :-

The put() method is non-blocking and is used to place an RSP (response) sequence item in the sequencer.