

## Retrascope Test Suite - Bug #9844

### Bash scripts that run side tools (EBMC, SymbiYosys, Verilog2SMV) can't extract names of several Verilog modules

10/02/2019 03:52 PM - Sergey Smolov

<b>Status:</b>	Rejected	<b>Start date:</b>	10/02/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Sergey Smolov	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Detected in build:</b>	master	<b>Published in build:</b>	
<b>Platform:</b>			

#### Description

Bash scripts for side tools (EBMC, SymbiYosys, Verilog2SMV) running unable to extract names of several Verilog modules:

```
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PI_BUS/single_master/master2.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PI_BUS/single_master/bus.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PI_BUS/multi_master/master2.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PI_BUS/multi_master/bus.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PPC60X_bus/src/cpu.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PPC60X_bus/src/arbiter.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/texas97/PPC60X_bus/src/em.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/verilog2smv/VCEGAR/pi_buses/pi_bus.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/verilog2smv/VCEGAR/zaher/zdlx_impl.v_for_pred.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/verilog2smv/VIS/Miim/vMiim_p2.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/verilog2smv/VIS/Miim/vMiim_p1.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/vcegar/miim/vMiim.v
/home/ssedai/projects/retrascope-mc-benchmark/src/main/bash/../../benchmarks/vcegar/pi_bus/main_1.v
```

For these modules their top level names are empty. Note, that all the scripts have a precondition: top level name is it's first declared module name.

The problem is in the following code:

```
top_name=$(echo "${line}" | sed -n 's/^module \([a-zA-Z0-9_]*\) [ |(|;].*$/\1/p')
```

#### History

#1 - 10/04/2019 03:08 PM - Sergey Smolov

- Status changed from New to Rejected

Ticket is moved to [hdl-benchmarks](#) project