

## Retrascope - Bug #8971

### Wrong type RetrascopeException in VcegarMpegCfgGraphMITestCase

06/19/2018 06:18 PM - Mikhail Lebedev

<b>Status:</b>	Verified	<b>Start date:</b>	06/19/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Sergey Smolov	<b>% Done:</b>	100%
<b>Category:</b>	Engine (Parser)	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0	<b>Published in build:</b>	
<b>Detected in build:</b>	master		
<b>Platform:</b>			

#### Description

This error appears in VcegarMpegCfgGraphMITestCase of the Retrascope-MC-benchmark project.

Log:

```
ru.ispras.retrascope.basis.exception.RetrascopeException: Wrong type(s): PROCESS.  
at ru.ispras.retrascope.basis.exception.RetrascopeException.makeException(RetrscopeException.java:66)  
at ru.ispras.retrascope.model.cfg.CfgCaseStatement.checkClass(CfgCaseStatement.java:239)  
at ru.ispras.retrascope.model.cfg.CfgCaseStatement.setParent(CfgCaseStatement.java:226)  
at ru.ispras.retrascope.model.basis.Statement.addStatement(Statement.java:204)  
at ru.ispras.retrascope.model.basis.Statement.add(Statement.java:161)  
at ru.ispras.retrascope.parser.verilog.VerilogCfgProcessBuilder.attachBlock(VerilogCfgProcessBuilder.java:405)  
at ru.ispras.retrascope.parser.verilog.VerilogCfgProcessBuilder.onCaseStatementItemEnd(VerilogCfgProcessBuilder.java:653)  
at ru.ispras.verilog.parser.walker.VerilogNodeVisitor$11.onEnd(VerilogNodeVisitor.java:366)  
at ru.ispras.verilog.parser.walker.VerilogNodeVisitor.onEnd(VerilogNodeVisitor.java:708)  
at ru.ispras.verilog.parser.core.TreeWalker.onEnd(TreeWalker.java:124)  
at ru.ispras.verilog.parser.core.TreeWalker.start(TreeWalker.java:87)  
at ru.ispras.retrascope.parser.verilog.VerilogCfgBuilder.start(VerilogCfgBuilder.java:82)  
at ru.ispras.verilog.parser.VerilogDesignBackends.start(VerilogDesignBackends.java:56)  
at ru.ispras.verilog.parser.VerilogTranslator.start(VerilogTranslator.java:169)  
at ru.ispras.retrascope.parser.verilog.VerilogParser.parse(VerilogParser.java:103)  
at ru.ispras.retrascope.parser.basis.HdlParser.start(HdlParser.java:112)  
at ru.ispras.retrascope.basis.Engine.start(Engine.java:217)  
at ru.ispras.retrascope.basis.ToolChain.start(ToolChain.java:111)  
at ru.ispras.retrascope.basis.Engine.start(Engine.java:217)  
at ru.ispras.retrascope.Retrascope$ToolRun.start(Retrscope.java:215)  
at ru.ispras.retrascope.Retrascope.main(Retrscope.java:456)  
at ru.ispras.retrascope.Retrascope.main(Retrscope.java:373)
```

Corresponding Verilog:

```
src/main/verilog/vcegar-benchmarks/mpeg/mpeg_1.v
```

#### History

##### #1 - 06/19/2018 06:33 PM - Mikhail Lebedev

Similar exception appears in VcegarMpegSimplifiedCfgGraphMITestCase:

```
ru.ispras.retrascope.basis.exception.RetrascopeException: Wrong type(s): CASE.
```

Corresponding Verilog:

```
src/main/verilog/vcegar-benchmarks/mpeg/mpeg_simplified.v
```

##### #2 - 06/20/2018 01:14 PM - Sergey Smolov

- % Done changed from 0 to 100

- Status changed from New to Resolved

Fixed in [ee230ce3](#)

**#3 - 06/20/2018 01:15 PM - Sergey Smolov**

- *Target version set to 1.0*

- *Category set to 127*

**#4 - 06/20/2018 03:17 PM - Mikhail Lebedev**

- *Status changed from Resolved to Verified*