

## Retrascope - Bug #9228

### Index ranges disappear in the new version of a variable

08/16/2018 06:57 PM - Mikhail Lebedev

<b>Status:</b>	Verified	<b>Start date:</b>	08/16/2018
<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

Original variable of MAP type used in the VariableVersionFactory class somehow contains null value of the indexRanges field of it's VariableDescriptor. This field is surely assigned not null in the VariableBuilder class before the VariableVersionFactory class execution. Moreover, this field appears to be NOT null AFTER the VariableVersionFactory class execution (when printing SMV code, for example). But the new versions of the variable still contain null value in their indexRanges fields.

This bug was detected for MEMORY variable when constructing hdd-smv for ITC99 b12 VHDL design.

Command line arguments:

```
b12.vhd --target smv --toplevel b12 --engine hdd-smv-printer --smv-file b12.smv
```

#### History

##### #1 - 08/17/2018 03:55 PM - Sergey Smolov

- % Done changed from 0 to 100

- Status changed from New to Resolved

Fixed in [27d874bf](#)

##### #2 - 08/17/2018 05:30 PM - Mikhail Lebedev

- Status changed from Resolved to Verified

##### #3 - 08/23/2018 02:02 PM - Sergey Smolov

- Target version set to 1.0

##### #4 - 01/25/2019 02:45 PM - Sergey Smolov

- Category set to Engine (Parser)