

## hifrog - Bug #7279

### crash in VTT (2)

07/05/2018 19:38 - Sepideh Asadi

<b>Status:</b>	Resolved	<b>Start date:</b>	07/05/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<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>Description</b>			
File is:../cprover/regression/funfrog/VTT/P2P_Joints_TG3_e.c File is:../cprover/regression/funfrog/VTT/VTT1.c File: /cprover/regression/funfrog/VTT/P2P_Joints_TG3_e_BUG.c File /cprover/regression/funfrog/VTT/VTT.c File /cprover/regression/funfrog/VTT/P2P_Joints_TG3_e.c			
Claim number # 1 is SAFE			
Caught exception: identifier tag-#anon#ST[S32'a1' S32'a2' S32'v' S32't1' S32't2' S32't3' S32'delta' S32'initPos' S32'initVel'] not found time 108.58			
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### History

#### #1 - 09/05/2018 13:36 - Karine Even Mendoza

Sometimes we can skip this bug when using --no-error-trace option

#### #2 - 21/06/2018 16:24 - Martin Blich

The problem is in the end when we are reporting results about the assertion.

The exception is thrown in CProver method from\_expr() in this piece of code:

```
res.status() << "Claim number # " << claim_number << " is " << (safe ? "SAFE" : "UNSAFE") << res.eom;
```

```
res.status()
```

```
<<" File: " << assertion->source_location.get_file()  
<<" \n Function: " << assertion->source_location.get_function()  
<<" \n Line: " << assertion->source_location.get_line()  
<< "\n " << ((assertion->is_assert()) ? "Guard: " : "Code") <<" ( "  
<< from_expr(assertion->guard) <<" ) \n";
```

From my point of view this is inability of CProver to convert its inner representation back to source code representation.

#### #3 - 22/06/2018 10:29 - Martin Blich

- Status changed from New to Resolved

Fixed by letting the from\_expr function know about the current symbol table. See git commit 1603c58a.