

hifrog - Bug #4808

core dumped on ./hifrog --claim 2 ~/dev/hi-bench/main-bench/Funfrog15_bench/mem.c --logic prop

15/03/2017 20:51 - Sepideh Asadi

Status:	Closed	Start date:	15/03/2017
Priority:	Normal	Due date:	
Assignee:	Karine Even Mendoza	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
./hifrog --claim 2 ~/dev/hi-bench/main-bench/Funfrog15_bench/mem.c --logic prop			
hifrog: solvers/prop_itp.cpp:366: void prop_itpt::generalize(const prop_conv_solvert&, const std::vector<symbol_exprt>&): Assertion `renaming[idx] != (0x7ffffff * 2U + 1U)' failed. Aborted (core dumped)			
Program received signal SIGABRT, Aborted. 0x00007ffff6880c37 in <i>Gl_raise (sig=sig@entry=6)</i> at ../nptl/sysdeps/unix/sysv/linux/raise.c:56 56 ../nptl/sysdeps/unix/sysv/linux/raise.c: No such file or directory. (gdb) bt #0 0x00007ffff6880c37 in <i>_Gl_raise (sig=sig@entry=6)</i> at ../nptl/sysdeps/unix/sysv/linux/raise.c:56 #1 0x00007ffff6884028 in <i>__Gl_abort ()</i> at abort.c:89 #2 0x00007ffff6879bf6 in <i>__assert_fail_base (fmt=0x7ffff69ca3b8 "%s%s%s:%u: %sAssertion `%s' failed.\n%n", assertion=assertion@entry=0x81ba88 "renaming[idx] != (0x7ffffff * 2U + 1U)", file=file@entry=0x81b9d7 "solvers/prop_itp.cpp", line=line@entry=366, function=function@entry=0x81bbc0 <prop_itpt::generalize(prop_conv_solvert const&%, std::vector<symbol_exprt, std::allocator<symbol_exprt> > const&)::PRETTY_FUNCTION__> "void prop_itpt::generalize(const prop_conv_solvert&, const std::vector<symbol_exprt>&)")</i> at assert.c:92 #3 0x00007ffff6879ca2 in <i>_Gl_assert_fail (assertion=0x81ba88 "renaming[idx] != (0x7ffffff * 2U + 1U)", file=0x81b9d7 "solvers/prop_itp.cpp", line=366, function=0x81bbc0 <prop_itpt::generalize(prop_conv_solvert const&, std::vector<symbol_exprt, std::allocator<symbol_exprt> > const&)::PRETTY_FUNCTION__> "void prop_itpt::generalize(const prop_conv_solvert&, const std::vector<symbol_exprt>&)")</i> at assert.c:101 #4 0x00000000005a0c31 in <i>prop_itpt::generalize (this=0x21321b0, decider=..., symbols=std::vector of length 108, capacity 110 = {...})</i> at solvers/prop_itp.cpp:366 #5 0x00000000004efd96 in <i>prop_partitioning_target_equation::extract_interpolants (this=0x7ffffffb970, interpolator=..., decider=..., interpolant_map=std::vector of length 0, capacity 1)</i> at prop_partitioning_target_equation.cpp:726			

History

#1 - 01/04/2017 00:09 - Karine Even Mendoza

- Assignee set to Karine Even Mendoza

Need to check, can be due to changes in cprover

#2 - 01/04/2017 00:20 - Karine Even Mendoza

- Status changed from New to In Progress

Looks like a general problem with prop itp due to changes in cprover

#3 - 04/04/2017 16:02 - Karine Even Mendoza

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

Partial fix for the problem of globals SSA - fixed this issue.

```
SYMEX TIME: 0.012
All SSA steps: 353
Ignored SSA steps after slice: 336
SLICER TIME: 0
CONVERSION TIME: 0.033
Post-processing
Solving with OpenSMT2 (QF_BOOL)
RESULT
SOLVER TIME: 0.004
Start generating interpolants...INTERPOLATION TIME: 0.002
;
;
; STATISTICS FOR SAT SOLVER
;
; Restarts.....: 0
; Conflicts.....: 0
; Decisions.....: 0
; Propagations.....: 71
; Conflict literals.....: 0
; T-Lemmata learnt.....: 0
; T-Lemmata perm learnt....: 0
; Conflicts learnt.....: 0
; T-conflicts learnt.....: 0
; Average learnts size.....: nan
; Top level literals.....: 0
; Search time.....: 0 s
; TSolvers time.....: 0 s
; Init clauses.....: 44
; Variables.....: 75
;
; STATISTICS FOR EUF SOLVER
;
; Satisfiable calls.....: 0
; Unsatisfiable calls.....: 0
; egraph time.....: 0 s
; backtrack time.....: 0 s
; explain time.....: 0 s
;
; STATISTICS FOR LOGICS
;
; Substitutions.....: 0
```

VERIFICATION SUCCESSFUL

#4 - 02/05/2017 23:19 - Karine Even Mendoza

- Status changed from Resolved to Closed

Files

mem_claim2.png	349 KB	15/03/2017	Sepideh Asadi
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