

hifrog - Bug #5100

Error: No support for "big" (> 32 bit) integers so far.

30/04/2017 07:50 - Sepideh Asadi

Status:	Closed	Start date:	30/04/2017
Priority:	Normal	Due date:	
Assignee:	Karine Even Mendoza	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
<b>Description</b> ~/hi-bench/main-bench/Funfrog15_bench\$ ./hifrog --claim 44 --theoref --bitwidth 32  RESULT in CUF: SAT - doesn't hold  Trying to refine with CUF+BitBlast (driven by iterative CE-analysis)  No support for "big" (> 32 bit) integers so far.			

History

#1 - 30/04/2017 07:52 - Sepideh Asadi

the same problem with claim 50, claim 66 s3.c

CBMC verifies such cases

#2 - 02/05/2017 22:40 - Karine Even Mendoza

Fixed

- INLINING function: main  
Processing a deferred function: \_\_CPROVER\_initialize  
Processing a deferred function: main
- INLINING function: ssl3\_connect  
Processing a deferred function: ssl3\_connect  
SYMEX TIME: 0.157  
All SSA steps: 155  
Ignored SSA steps after slice: 90  
SLICER TIME: 0.001  
CONVERSION TIME: 0  
; theory refiner query time so far: 0.000000  
; 0 | 0 0 | 1.156 s | 116.410 MB  
SOLVER TIME: 0.001  
RESULT: SAT - doesn't hold

Trying to refine with CUF+BitBlast  
(all statements at once)

; theory refiner query time so far: 0.000000  
; 0 | 0 0 | 1.160 s | 116.410 MB  
ASSERTION DOES NOT HOLD

VERIFICATION FAILED  
TOTAL TIME FOR CHECKING THIS CLAIM: 0.162

Checked Assertion:  
file ../../../../hi-bench/main-bench/Funfrog15\_bench/s3.c line 1154 function ssl3\_connect  
assertion  
tmp\_\_9 == 140737488346048l  
#X: Done.  
karinek@karinek-VirtualBox:~/workspace/tools/hifrog\_theory\_ref/hifrog/trunk/cprover/src/funfrog\$ ./hifrog  
../../../../hi-bench/main-bench/Funfrog15\_bench/s3.c --logic qfcuf --theoref --bitwidth 64 --force --claim 44 --unwind 10 --force

#3 - 02/05/2017 22:41 - Karine Even Mendoza

- Status changed from New to Closed

- Assignee set to Karine Even Mendoza