

## hifrog - Bug #5305

### Bug related to No support for "big" (> 32 bit)

15/06/2017 18:57 - Sepideh Asadi

<b>Status:</b>	Closed	<b>Start date:</b>	15/06/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Sepideh Asadi	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Description</b>			
./hifrog --claim 1 --theoref --no-ity --unwind 10 --bitwidth 32 --heuristic 4 --type-byte-constraints 2 ~/hi-bench/main-bench/bench_SATpaper_128/sep_true-unreach-call.c			
<b>with --bitwidth 32 it says "No support for "big" (&gt; 32 bit) integers so far.</b>			
<b>with --bitwidth 64 it gets timeout!</b>			

### History

#### #1 - 15/06/2017 19:00 - Sepideh Asadi

same bug with soft\_float\_5\_true-unreach-call.c.cil.c

#### #2 - 16/06/2017 12:18 - Karine Even Mendoza

- Priority changed from Normal to Low

#### #3 - 16/06/2017 18:10 - Karine Even Mendoza

- Status changed from New to Feedback

- Assignee set to Sepideh Asadi

- Priority changed from Low to Normal

For me it works just fine. Can you please re-test it?

Refinement successful

(21 / 259 expressions bit-blasted)

Command-line options to double-check: --theoref --custom 2,5,11,17,23,29,35,41,47,53,59,60,61,62,63,64,65,66,67,68,69,

(Warning: Result holds **ONLY** in this bound (!) Initial unwinding bound: 10)

ASSERTION HOLDS

VERIFICATION SUCCESSFUL

TOTAL TIME FOR CHECKING THIS CLAIM: 1.148

Main Checked Assertion:

file ../../../../hi-bench/main-bench/bench\_SATpaper\_128/sep\_true-unreach-call.c line 56 function main

assertion

FALSE

#X: Done.

karinek@karinek-VirtualBox:~/workspace/tools/hifrog\_lra\_lattice/hifrog/trunk/cprover/src/funfrog\$ ./hifrog

../../../../hi-bench/main-bench/bench\_SATpaper\_128/sep\_true-unreach-call.c --claim 1 --theoref --no-ity --unwind 10 --bitwidth 64 --heuristic 4 --type-byte-constraints 2

Also soft\_float\_5\_true-unreach-call.c.cil.c works very nice...

#### #4 - 19/06/2017 14:13 - Sepideh Asadi

- Status changed from Feedback to Closed

- % Done changed from 0 to 100

Conclusion:

When it is reported "No support for "big" (> 32 bit) integers so far." run it with --bitwidth 64