

## hifrog - Bug #4687

### qflra/uf/prop gives wrong result for claim 1 of /main-bench/Funfrog15\_bench/s3.c

07/03/2017 10:55 - Sepideh Asadi

<b>Status:</b>	Closed	<b>Start date:</b>	07/03/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Karine Even Mendoza	<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 --unwind 1 ~/dev/hi-bench/main-bench/Funfrog15_bench/token.c --logic qflra			
Hifrog gives VERIFICATION FAILED for claim 1 in logic qflra/uf/prop			
the correct result of claim 1: VERIFICATION Successful			

## History

### #1 - 09/03/2017 20:50 - Karine Even Mendoza

- Assignee set to Karine Even Mendoza

- % Done changed from 0 to 100

globals issues

### #2 - 14/03/2017 14:34 - Karine Even Mendoza

- Status changed from New to Resolved

### #3 - 01/04/2017 00:21 - Karine Even Mendoza

- Status changed from Resolved to Closed

Seems to be ok now

```
Processing a deferred function: is_transmit9_triggered
Processing a deferred function: is_transmit10_triggered
Processing a deferred function: is_transmit11_triggered
Processing a deferred function: is_transmit12_triggered
Processing a deferred function: is_transmit13_triggered
SYMEX TIME: 2.405
All SSA steps: 11336
Ignored SSA steps after slice: 6530
SLICER TIME: 0.014
;   0 |   0   0 | 3.200 s | 122.168 MB
;  210 |   56  56 | 9.420 s | 124.855 MB
;   331 |  145 145 | 11.260 s | 124.984 MB
CONVERSION TIME: 0.108
SOLVER TIME: 9.181
RESULT: UNSAT - it holds!
Start generating interpolants...
INTERPOLATION TIME: 3.907
```

VERIFICATION SUCCESSFUL

ASSERTION HOLDInitial unwinding bound: 1

Total number of steps: 1

TOTAL TIME FOR CHECKING THIS CLAIM: 15.644

#X: Done.

```
karinek@karinek-VirtualBox:~/workspace/tools/hi-bench$ ./../hifrog_theory_ref/hifrog/trunk/cprover/src/prop/hifrog --claim 1 --unwind 1
main-bench/Funfrog15_bench/token.c --logic qflra
```