hifrog - Bug #5009

Theoref BUG: wrong result after refinement

16/04/2017 12:16 - Sepideh Asadi

Status:	Closed		**Start date:**	16/04/2017
Priority:	Normal		**Due date:**	
Assignee:	Antti Hyvärinen		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	0.00 hour

Description

/hifrog --claim 1 --theoref --no-itp --unwind 10 ~/hi-bench/challenge-bench/sv-comp16/c/busybox-1.22.0/sync_true-unreach-call.c

The correct result should be UNSAT but it is returned:

```
Weak statement encodings (11) found
```

Obtained counter-examples are refined
(11 / 14 expressions bit-blasted)
ASSERTION DOES NOT HOLD

VERIFICATION FAILED
TOTAL TIME FOR CHECKING THIS CLAIM: 2.586

History

#1 - 18/04/2017 12:12 - Karine Even Mendoza

- Status changed from New to Feedback

- Assignee set to Antti Hyvärinen

/hi-bench/challenge-bench/sv-comp16/c/busybox-1.22.0/sync_true-unreach-call.c:
Reason: (Cannot refine due to 22 unsupported operators;e.g., pointer)
It works with logic prop, so there is no bug in the flow.

Antti, can we add pointer support?

#2 - 19/04/2017 18:16 - Karine Even Mendoza

- Status changed from Feedback to Closed

Feature postponed for next coding task - reopend when start encoding

Files

Screen Shot 2017-04-16 at 12.15.10.png	257 KB	16/04/2017		Sepideh Asadi