

hifrog - Bug #7760

Infinite loop in theory refinement

24/08/2018 16:05 - Martin Blicha

Status:	New	Start date:	24/08/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
<p>In current version (e.g. f4aaed49) there is bug in theory refinement algorithm. In cases 6 and 7 there is an infinite loop. The variable in the condition (last) is not modified inside the loop.</p> <pre>case 7 : // backward with multiple refinement & dependencies last = exprs.size()-1; { while (last >= 0){ smtcheck_opensmt2t_cuf decider2(bw, options.get_unsigned_int_option("type-byte-constraints"), "backward with multiple refinement & dependencies"); decider2.check_ce(exprs, model, refined, weak, last, -1, -1, 1); } } break;</pre>			