

LustreC - Bug #78

Why generate MCDC conditions for constant flows?

07/09/2019 12:13 AM - Hamza Bourbough

Status:	In Progress	Start date:	07/09/2019
Priority:	Normal	Due date:	
Assignee:	Pierre-Loïc Garoche	% Done:	0%
Category:	Bug	Estimated time:	0.00 hour
Target version:			
Description			
<pre>__test1_PP_1 = (true -> false); __cov_12_16 = __test1_PP_1; __cov_13_16 = (not (_test1_PP_1)); __cov_14_16 = __test1_PP_1; __cov_15_16 = (not (_test1_PP_1));</pre>			

History

#1 - 07/16/2019 07:05 PM - Anonymous

I am not sure it is a bug:

- either it is a pure constant like `b = true`

then a condition `if b then e1 else e2` will produce the two conditions and we may discover that `e2` is dead code

- or it is a non constant constant :) `true -> false` changes over time. Then it makes sense to evaluate both cases.

#2 - 07/16/2019 07:08 PM - Pierre-Loïc Garoche

- Status changed from New to In Progress