

Retrascope - Task #5590

[efsm][extraction] implement an EFSM initial state & 'reset' signal heuristics

01/28/2015 12:57 PM - Sergey Smolov

Status:	Closed	Start date:	01/28/2015
Priority:	Normal	Due date:	
Assignee:	Sergey Smolov	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	0.1	Published in build:	20150307
Detected in build:	svn		

Description

The heuristic approach of detection the EFSM initial state and the 'reset' signal should be implemented.

If there is a guarded action $G \rightarrow A$, and:

1) x is clock-like variable, which:

- a) x belongs to $Events(G)$;
 - b) if x belongs to $Use(G)$ then $\{x\} = Use(G)$ or $Use(G) = null$.
- 2) A consists of assignments of $y := c$, where c is constant.

Then guarded action leads to initial state, and x is reset.

History

#1 - 01/30/2015 11:49 AM - Sergey Smolov

- Status changed from New to Open

#2 - 01/30/2015 06:37 PM - Sergey Smolov

- Subject changed from [efsm][extraction] implement an EFSM initial state & 'reset' signal heuristics to [efsm][extraction] implement an EFSM initial state & 'reset' signal heuristics

#3 - 01/30/2015 07:43 PM - Sergey Smolov

- Status changed from Open to Resolved

- % Done changed from 0 to 100

- Published in build set to r1505

#4 - 03/07/2015 11:06 PM - Sergey Smolov

- Status changed from Resolved to Closed

- Published in build changed from r1505 to 20150307