

MicroTESK - Task #7012

Implement means of managing the use of registers in a test program

03/31/2016 10:27 AM - Andrei Tatarnikov

Status:	Closed	Start date:	03/31/2016
Priority:	High	Due date:	
Assignee:	Andrei Tatarnikov	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.3	Spent time:	0.00 hour
Detected in build:	svn	Published in build:	2.3.31
Description			
Need facilities to choose registers that are not in use and to make them free.			
"Task 4 – get_register/free_register that talks to the model. Used by the branch engine as well to get/free registers that it requires. Must support parameters such as exclusion, and cpuID (or a function to reset which registers are reserved)"			

History

#1 - 04/01/2016 12:14 PM - Andrei Tatarnikov

- Status changed from New to Open
- % Done changed from 0 to 50

get_register/free_register were implemented. But they, currently, do not support the following stuff:

Must support parameters such as exclusion, and cpuID (or a function to reset which registers are reserved)"

#2 - 04/08/2016 10:09 AM - Andrei Tatarnikov

Follow-up tasks:

1. Implement exclusions. The get_register function should support selecting registers excluding some listed items. For example, it can look like this:

```
get_register(:exclude => [x1, x2, x29])
```

2. Implement the free_all_registers function. This is needed to describe test cases for multcore processors.

#3 - 04/13/2016 01:59 PM - Andrei Tatarnikov

- % Done changed from 50 to 60

free_all_registers is implemented: r6451, r6452, r6453

#4 - 04/13/2016 04:42 PM - Andrei Tatarnikov

get_register(:exclude=>[x1,x2,x29]) in progress:

r6454, r6455, r6456, r6457

Done

#5 - 04/13/2016 06:34 PM - Andrei Tatarnikov

- % Done changed from 60 to 100

#6 - 04/13/2016 06:34 PM - Andrei Tatarnikov

- Status changed from Open to Resolved

#7 - 04/19/2016 11:53 AM - Andrei Tatarnikov

- Status changed from Resolved to Closed

