

Mantis

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07-15-2005 11:20 PDT

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ID	Category	Severity	Reproducibility	Date Submitted	Last Update
0000794	[SystemVerilog Errata] SV-EC	minor	always	07-05-05 09:21	07-11-05 15:40
Reporter	pieper	View Status	public		
Assigned To	mehdi_mohtashemi				
Priority	immediate	Resolution	fixed		
Status	resolved	Duplicate ID			
Summary	PLI Region Needed				
Description	The P1800/D5 makes several changes to the event scheduling algorithm from P1800/D4 ballot draft. One of these changes removes the iteration from the Reactive region back to the Active region. Another change adds a PLI Pre-postponed region after the Reactive/Re-inactive regions that does iterate back to the Active region. The purpose of this PLI Pre-postponed region is to provide a PLI synchronization point AFTER the events from all previous regions have been evaluated. This PLI synchronization point is analogous to the PLI Post-NBA region, which provides a PLI synchronization point for ALL events in the regions prior to that point. The change of removing the iteration from the Reactive region back to the Active region PRIOR to the PLI Pre-postponed region means that any events caused by program blocks and assertion pass/fail statements will NOT be executed before the PLI synchronization point. Since a program block will likely change signals such as clock and reset, this means many hundreds, possibly thousands of events will be left pending execution when the PLI Pre-postponed synchronization point is reached. This does not provide the proper and necessary synchronization for PLI applications.				
Additional Information	Recommended unanimously by champions on July 8, 2005.				
Type	Errata				
Attached Files	 ch-9-new3.doc (97,280 bytes) 07-11-05 15:38				
Relationships					

Bug Notes

bpierce
07-11-05 15:38

Adding back in an arrow that should be leaving the Observed box.

[[Add Bugnote](#)]

Bug History

Date Modified	Username	Field	Change
07-05-05 09:21	pieper	New Bug	
07-05-05 09:21	pieper	Type	=> Errata
07-05-05 09:25	pieper	File Added: ch-9.pdf	
07-05-05 13:05	sv-novas	Bug Monitored: sv-novas	
07-06-05 16:39	bpierce	File Deleted: ch-9.pdf	
07-06-05 16:40	bpierce	File Added: ch-9.doc	
07-06-05 16:40	bpierce	File Added: ch-9.htm	
07-06-05 17:17	bpierce	File Added: ch-9.pdf	
07-06-05 17:18	bpierce	File Added: ch-9-new.pdf	
07-06-05 17:19	bpierce	File Deleted: ch-9.pdf	
07-06-05 17:19	bpierce	File Deleted: ch-9.doc	
07-06-05 17:19	bpierce	File Deleted: ch-9-new.pdf	
07-06-05 17:20	bpierce	File Deleted: ch-9.htm	
07-06-05 17:20	bpierce	File Added: ch-9-new.pdf	
07-07-05 16:09	bpierce	File Deleted: ch-9-new.pdf	
07-07-05 16:10	bpierce	File Added: ch-9-new2.doc	
07-07-05 16:10	bpierce	File Added: ch-9-new2.htm	
07-08-05 08:56	bpierce	File Added: ch-9-new2.htm	
07-08-05 08:56	bpierce	File Deleted: ch-9-new2.htm	
07-08-05 08:56	bpierce	File Added: ch-9-new2.pdf	
07-08-05 08:57	bpierce	File Deleted: ch-9-new2.doc	
07-08-05 08:57	bpierce	File Deleted: ch-9-new2.htm	
07-10-05 10:31	bpierce	Additional Information Updated	
07-10-05 10:31	bpierce	Resolution	open => fixed
07-10-05 10:31	bpierce	Status	assigned => resolved
07-11-05 15:38	bpierce	Bugnote Added: 0001928	
07-11-05 15:38	bpierce	Resolution	fixed => reopened
07-11-05 15:38	bpierce	Status	resolved => feedback
07-11-05 15:38	bpierce	File Deleted: ch-9-new2.pdf	
07-11-05 15:38	bpierce	File Added: ch-9-new3.doc	
07-11-05 15:40	bpierce	Resolution	reopened => fixed
07-11-05 15:40	bpierce	Status	feedback => resolved

[Mantis 0.18.3](#)

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31 total queries executed.

30 unique queries executed.