

IEEE P1800 SystemVerilog Working Group
UNAPPROVED MINUTES
4 February 2005
8:00 a.m. – 10:00 a.m. PST
Teleconference

1 CALL OF MEETING RESUMPTION

Chair Srouji called the resumption of the meeting to order 8:15 am. Attendance at the meeting shows all from the beginning to the ending session on 4 February 2005.

Key: DR= Designated Representative
DRA= Designated Representative
Alternate
O=Observer
S=Staff

		Representative	Representative	IEEE-	Voting
Present	Entity Name	Name	Designation	SA Member	Member
X	Intel	Yossi Levy	DR	Yes	Yes
X	Accellera	Vassilios Gerousis	DR	Yes	Yes
X	Bluespec	Rishiyur Nikhil	DR	Yes	Yes
X	Cadence Design Systems	Victor Berman	DR	Yes	Yes
X		Charles Dawson			
X		Kenji Goto			
X	IBM	Johny Srouji	DR	Yes	Yes
X	Mentor Graphics	Dennis Brophy	DR	Yes	Yes
X		Witaru Yamamoto			
X		Tom Fitzpatrick			
X	Sun Microsystems	Neil Korpusik	DRA	Yes	Yes
X	Sunburst Design	Cliff Cummings	DR	Yes	Yes
X	Sutherland HDL	Stu Sutherland	DR	Yes	Yes
X	Synopsys	Oz Levia	DR	Yes	Yes
X		Takaaki Akashi			
X		Brad Pierce			
		Mehdi			
X		Mohtasehemi			
X		Karen Pieper			
	Observers				
X	JEITA	Kasumi Hamaguchi		Yes	No
X	JEITA	Takehiko Tsuchiya		Yes	No
X	JEITA	Eiho Nakatain		Yes	No
X	JEITA	Toakio Chiwata		Yes	No
X	JEITA	Yoshio Okamura		Yes	No
	Staff				
X	IEEE-SA	Noelle Humenick			

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2 ACTION ITEM REVIEW AND FOLLOW-UP

Johny Srouji sent out an action item list prior to the start of the meeting. The action item list was reviewed and updated.

[Download update action item list.](#)

3 STATUS UPDATE OF IEEE SYSTEMVERILOG LRM AND ISSUES THAT WERE INCORPORATED INTO DRAFT 3.0

There was a discussion to remove the word informative in front of the clauses. Stu had reviewed the introduction paragraphs while making them notes but did not find anything that should be a concern if the text were to remain normative. Karen will also review the introduction paragraphs.

A motion (Stu Sutherland, Cliff Cummings) was made to remove the informative marker from all the introduction clauses. The motion passed unanimously.

There was a discussion on who had or had not responded. Noelle reported that Broadcom is the only one that had not responded. The close date was extended to end of business 4 Feb 2005. As of 28 Jan 2005, had not heard from Sutherland, Sun, IBM, Infineon and there is no update from IEEE staff that is newer, so this information may be inaccurate.

4 NEW BUSINESS

a. DISCUSS AND APPROVE OUTSTANDING TECHNICAL ISSUES

A list of issues which had been presented to the Champions team was reviewed for final approval. (See http://www.eda.org/sv/sv-champions/Resolved_Issues_05_02_02.htm.) The following was resolved:

254 – Aggregate expressions. With this issue, we have the following problem: The fundamental problem is curly braces are overload. They are both concatenations and structure literals. The behavior of tools with the overloads is slightly different. The other problem was, what was written was not interpreted the same way committee members. Also, whether or not if something will compile OK is dependant what you see in the current compilation unit, a module you are instantiating. This is tool dependent. There is no requirement for one file or all files to be present at a time. This is implementation dependent. With the same interpretation of the standard, one can come to a different conclusion of how to interpret this. The SV-BC voted to accept the proposed change to disambiguate the structure expressions from concatenates with a dissent from Dave Rich. The champions had a number of comments. The main issue, some believe, this was done too quickly without a study of impact and backward compatibility. We have tried many times in releases of the LRM to resolve the ambiguity, but the issue keeps coming back. Moving to ‘{ }’ for structures make it clear to what we mean, and therefore we will not revisit this issue any more to resolve this. This has been a multiple LRM release issue.

A motion (Stu Sutherland, Dennis Brophy) was made to delay the ballot draft by two weeks to reach consensus to resolve issue 254. Motion withdrawn.

A motion (Oz Levia, Rishiyur Nikhil) was made to approve issues 254 as is and allow the SV-CC to add the necessary constant to the sv_vpi_user.h. The motion passed unanimously.

A motion (Dennis Brophy, Stu Sutherland) was made to approve issue 366. The motion approved unanimously.

A motion (Stu Sutherland, Neil Korpusik) was made to pass the first edit proposed for issue 367 and reject the second edit of it. The motion passed unanimously.

A motion (Stu Sutherland, Dennis Brophy) was made to pass all other unanimously approved issues on the spreadsheet. The motion passed unanimously.

b. REVIEW PRESS RELEASE FOR 14 FEBRUARY 2005 RELEASE

Johnny is working on the draft and keeping Victor in the loop. Johnny plans to conclude a draft by the end of the day. Johnny will send the draft to the DRs for comment. The target date for publication of the press release is 14 February 2005.

5 NEXT MEETING

Date: 17 February 2005

Time: 12 noon – 5 pm

Host: Synopsys

Location: Mountain View, CA USA

Date: 19 April 2005

Host: IBM

Location: Austin, TX USA

6 Adjournment

A motion (Dennis Brophy) was made to adjourn the meeting. The meeting adjourned at 10:00 am PST.