

IEEE P1800 SystemVerilog Study Group
UNAPPROVED CONTINUATION MINUTES
27 May 2010
8:00 a.m. – 10:00 a.m. PDT
Teleconference

1 CALL TO ORDER - INTRODUCTIONS & AFFILIATIONS

The meeting was called to order at 8:07 a.m. PDT.

Member DRs/DRA's Present:

Dennis Brophy (Mentor Graphics, DR)
Mehdi.Mohtashemi (Synopsys, DR)
Karen Pieper (Accellera, DR)
Neil Korpusik (Oracle, DR)
Charles Dawson (Cadence, DR)
John Havlicek (Freescale, DR)
Daniel Even-haim (Intel, DR)

Member DRAs Present:

Dave Rich (Mentor Graphics DRA)
Brad Pierce (Synopsys, DRA)
Scott Little (Freescale DRA)
Matt Maidment (Intel DRA)

Observers:

Shalom Bresticker (Intel)
Cliff Cummings (Sunburst Design)
Scott Little (Freescale)
John Havlicek (Freescale)
Michiel Ligthart (Verific)

Chair Pieper shared the IEEE SA website that has Basic and Advanced Member lists can be found at http://standards.ieee.org/sa-mem/corp_overview.html.

Secretary Note: Dennis joined the meeting in progress after getting off a plane and left to pass security to board his next flight. Meeting minutes are from a combination of sources.

2 FEEDBACK ON THE PAR

Karen got feedback on the content of the PAR. It needs to be short and concise so it can be used as an abstract. This is the feedback she got when she passed it on to the IEEE for review.

The Scope should be rewritten so it will be the same as the scope will appear in the final document. The Purpose should be the purpose of the resulting document.

Karen made numerous changes to the PAR. A motion (Shalom Bresticker, John Havlicek) was made to approve the small set of PAR changes. The motion passed unanimously.

3 COMMITTEE STATUS

SV-AC - expects to complete their work by the October cutoff date.

SV-BC - still working on a timeline

SV-EC - will not finish all of their top-25 by the October cutoff date.

There are some mantis items that will take a lot of work.

SV-CC - Still gathering inputs

Have mantis items to work on. They are currently categorizing them. They are still working on their top-25 list. They will have one more meeting before next p1800 meeting.

They will be done with top-25 list by next meeting. The SV-CC is moving at a slower pace than the others.

SV-DC - John H. - Sent out an email with their scope.

There are no plans to bring an analog solver into 1800 (SystemVerilog) Conversions will be used yielding fast simulation of analog blocks. The SV-DC expects to have a roadmap by September 15th. The working group will review this when this is done.

SV-FC Brad sent out a proposal for the sv-fc . It will cut across Technical Committee boundaries. It will address separate compilation, type system, and an extensibility mechanism. They will work on high priority mantis items transferred from other TCs

Chair Pieper had a discussion the scope document in that it should be a living document. For the project, we will start with minor errata and corrections. When we get prioritized lists, we can authorize work that is either all of it or a subset of it. The SV-AC, Chair Pieper says is ready to start now.

In terms of SV-AC, Dmitry indicates he will need 30 months to do plus 2 months for errata and minor issues.

Chair Pieper indicated we are still waiting on the EC and BC. The suggestion was made to take the list and review them, and then come back for a full discussion. John Havlicek indicated the SV-AC should get some authorization too.

Dmitry introduced the group to ams real types that the assertion system functions would need to understand. There was also discussion on the usability of checkers. Dennis indicated Mentor would like more time to discuss the issue internally.

While the PAR is under development and ratification, we cannot work on major enhancements. Karen did indicate the working group could offer recommendations that could later be approved as changes to the standard.

Chair Pieper did discuss the role of the SV-FC and discussed them would need to approve which mantis could be addressed. For the moment, the groups need to work on their top-25 list and that going forward the new IEEE rules will be followed. Under the new rules, Advanced members can vote and Basic member can observe. Chair Pieper also indicated Sponsor body members can attend meetings too. An FAQ is in development to explain this. For the time being, we will use the old rules to operate. Chair Pieper expects this to last at least another 2 months.

After discuss about the scope document, a motion (John Havlicek, unknown second) was made to approve the scope. The motion passed unanimously.

John Havlicek indicates he want the SV-DC to work on its roadmap now. A motion (John Havlicek, Neil Korpusik) was made to all the SV-DC to work on its roadmap. The motion passed unanimously.

ACTION REQUEST [Neil Korpusik] Put together the lists and scopes from the various TCs

ACTION REQUEST [Karen Pieper] Send out the text of what she was trying to get approved as a scope document.

Chair Pieper wants to get the PAR approved in this meeting. Therefore she seeks a one week meeting suspension.

4 NEXT MEETING (ANNOUNCE DATE, TIME, AND LOCATION, IF KNOWN)

June 3, 2010 P1800 Meeting continuation teleconference at 8 a.m. PDT
June 10, 2010 P1800 Meeting teleconference at 8 a.m.
June 13th week is DAC

11 ADJOURNMENT

A motion (John Havlicek, Shalom Bresticker) was made to suspend the meeting until 3 June 2010 at 8 a.m. The motion passed unanimously. The meeting suspended at 9:45 a.m.