

IEEE P1800 SystemVerilog Working Group
APPROVED MINUTES
2 April 2009
8:00 a.m. – 10:00 a.m. PDT
Teleconference

1 CALL TO ORDER - INTRODUCTIONS & AFFILIATIONS

The meeting was called to order at 8:03 a.m. PDT.

Member DRs/DRAs Present:

Dennis Brophy (Mentor Graphics, DR)
Mehdi Mohtashemi (Synopsys, DR)
Charles Dawson (Cadence, DR)
Neil Korpusik (Sun Microsystems, DR)
Karen Pieper (Accellera, DR)
Yossi Levi (Intel DR)

Member DRAs Present:

Dave Rich (Mentor DRA)
Yatin Trivedi (Synopsys DRA)
Matt Maidment (Intel DRA)

Observers:

Stu Sutherland (Sutherland HDL – Editor)
Cliff Cummings (Sunburst Design)
Shalom Bresticker (Intel)
Michiel Ligthart (Verific Design Automation)

IEEE SA Staff

Mike Kipness

2 APPROVE AGENDA

A motion (Dennis Brophy, Neil Korpusik) was made to approve the agenda. The motion passed unanimously.

3 CALL FOR PATENTS

Chair Pieper called our attention to the IEEE patent slides.

See: <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Chair Pieper read the patent policy.

4 APPROVAL OF MEETING MINUTES

A motion (Charles Dawson, Mehdi Mohtashemi) was made to approve the minutes of the 12 February 2009 meeting. The motion passed unanimously.

5 FUNDING, BUDGEING, AND FINANCIAL UPDATE

Chair Pieper discussed a review of the budget in light of a renewed contract with the IEEE. Budget and contract were consistent and was signed.

6 EDITING UPDATE

No Editor update as we are in ballot review. Stu did ask for clarity on when the next draft is needed so he can plan his time. This will be reviewed upon resumption of this meeting.

7 BALLOTING UPDATE

Karen reviewed the ballot results. The vote was 100% or approval. There were several positive votes with comments. We have 191 comments assigned to various committees.

There is no dissent to review all the comments and perform a recirculation ballot.

Each of the ballot comments have been assigned to a technical sub-group or the Editor for resolution.

We will use the same process to address ballot comments and use the Mantis systems. Mike Kipness will see if we can have referenced resolutions where the references point to the Mantis item. If not, we will look to embed the references in a PDF file so could also be a standalone solution.

We will send the schedule to the committee chairs to see if they can be done by 14 May 2009. The instructions to the subcommittees is: By 16 April, the committees need to review ballot comments and report unique issues to the working group and determine that they can resolve issues with exiting proposals and offer sub-committee approved resolutions to the Champions committee by 14 May 2009.

For those who offered ballot comments for future releases of the standard, we will offer a standard response. There are some canned responses that were used the last time that we will reuse. Matt will share a first pass of out of scope or not feasible to address responses.

8 SCHEDULE STATUS UPDATE

Karen will update the schedule to include a one-week review. The schedule below has some updates from that from the meeting agenda, but is not complete.

- February 18, 2009 Ballot opens
- March 20, 2009 Ballot closes
- March 30, 2009 Ballot responses available
- April 2, 2009 Teleconference 8am
- April 16, 2009 Reconvene suspended meeting
- May 14, 2009 Committees respond to ballot responses
- May 21, 2009 Champions meeting

- May 28, 2009 Teleconference 8am
- ----- P1800 approval of content of recirculation draft
- June 8, 2009 Recirculation draft
- June 22, 2009 Recirculation results back
- June 25, 2009 Teleconference 8am
- ----- P1800 approval of standard if no additional recirculations required
- July 16, 2009 DASC Meeting
- July 31, 2009 Submission deadline for IEEE Standards Board Meeting 9/9-11
- September 9-11, 2009 IEEE Standards Board Meeting, Piscataway, NJ
- September 15, 2009 Initiate press release to announce IEEE-SA Approval
- October 19, 2009 Submission deadline for IEEE Standards Board Meeting 12/7-9
- December 7-9, 2009 IEEE Standards Board Meeting, Piscataway, NJ
- December 30, 2009 Initiate press release to announce Publication available

9 P1800 TECHNICAL COMMITTEES AND CHAMPIONS OPERATIONAL UPDATE

There is no update.

10 DAC

Lynn Horobin of Accellera says a meeting can be accommodated. Cliff thinks one-hour is needed to give an update meeting. Karen will close with Lynn on the DAC arrangements with Lynn.

11 NEW BUSINESS

None.

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

To be completed upon resumption of suspended meeting.

14 ADJOURNMENT

A motion (Dennis Brophy, Charles Dawson) was made to suspend the meeting until 16 April 2009 at 8:00 a.m. PDT. The motion passed unanimously. The meeting suspended at 9:20 a.m. PDT.

IEEE P1800 SystemVerilog Working Group
APPROVED MINUTES
16 April 2009
Continuation of 2-April-2009 Meeting
8:00 a.m. – 10:00 a.m. PDT
Teleconference

1 CALL TO RESUME - INTRODUCTIONS & AFFILIATIONS

The meeting was resumed at 8:06 a.m. PDT.

Member DRs/DRA's Present:

Dennis Brophy (Mentor Graphics, DR)
Mehdi Mohtashemi (Synopsys, DR)
Charles Dawson (Cadence, DR)
Neil Korpusik (Sun Microsystems, DR)
Karen Pieper (Accellera, DR)
Shalom Bresticker (Intel DRA)

Member DRAs Present:

Dave Rich (Mentor DRA)

Observers:

Stu Sutherland (Sutherland HDL – Editor)
Michiel Ligthart (Verific Design Automation)

9 P1800 TECHNICAL COMMITTEES AND CHAMPIONS OPERATIONAL UPDATE

Neil got feedback from the technical subcommittees on ballot feedback. The report of this compiled by Neil can be found at <http://www.eda-stds.org/sv-ieee1800/hm/0838.html>. From a high level, Neil believes if we can give a two week extension, we will get all the issues resolved. In the SV-BC committee many items can be deferred and held over to the next PAR rather than address solutions to all of them. This means they will finish by 14 May 2009.

The SV-AC, SV-EC and SV-CC committees need more time than a 14 May 2009 deadline for issue resolution. We will drive to the 14 May 2009 date to be complete.

We will resume this meeting on 7 May 2009 to discuss and approve what is already done. Any items that need to go beyond 14 May 2009 for resolution need to be brought to the P1800 committee during the 7 May 2009 meeting resumption to allow or not allow more time for resolution by the technical subcommittees.

The updated plan and timeline can be found at <http://www.eda.org/twiki/bin/view.cgi/P1800/April1609ContinuationAgenda>.

We reviewed the canned responses offered by Michael Kipness and Matt Maidment. Given those offered by Michael have been used for prior submissions to RevCom we will go with Michael's suggestions. If other responses are needed, we will review that later.

Due to the number of issues to address, perhaps some easier issues can be resolved and sent to Stu to be put into the draft early. Neil will work to communicate this to the technical subcommittees.

11 NEW BUSINESS

None.

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

28 May 2009 P1800 WG Meeting Teleconference 8 a.m. PDT

25 June 2009 P1800 WG Meeting Teleconference 8 a.m. PDT

23 July 2009 P1800 WB Meeting Teleconference 8 a.m. PDT

14 ADJOURNMENT

A motion (Dennis Brophy, Mehdi Mohtashemi) was made to suspend the meeting until 7 May 2009 at 8:00 a.m. PDT. The motion passed unanimously. The meeting suspended at 8:48 a.m. PDT.

IEEE P1800 SystemVerilog Ballot Review Group
APPROVED MINUTES
7 May 2009
Continuation of 14-April-2009 Meeting that was a
Continuation of 2-April-2009 Meeting
8:00 a.m. – 10:00 a.m. PDT
Teleconference

1 CALL TO RESUME - INTRODUCTIONS & AFFILIATIONS

The meeting was resumed at 8:01 a.m. PDT.

Member DRs/DRA's Present:

Dennis Brophy (Mentor Graphics, DR)
Mehdi Mohtashemi (Synopsys, DR)
Charles Dawson (Cadence, DR)
Neil Korpusik (Sun Microsystems, DR)
Karen Pieper (Accellera, DR)
Yossi Levi (Intel DR)

Member DRAs Present:

Shalom Bresticker (Intel DRA)

IEEE Staff:

Michael Kippness

Observers:

Michiel Ligthart (Verific Design Automation)
Cliff Cummings (Sunburst Design)

9 P1800 TECHNICAL COMMITTEES AND CHAMPIONS OPERATIONAL UPDATE

Neil reviewed the status of the ballot issues being resolved. His status report can be found at http://www.eda-stds.org/sv-ieee1800/Meetings/2009/May/tc_status.050709.txt.

There are a lot of issues for the SV-EC to address and not enough time. Even and a small extension in time would still not be enough for the committee address all the issues. The working group did not act on this information and concluded it would continue to work to the deadline.

Mantis item 2597 is still one large issue that will take time to resolve. So, the committee should not expect it to be complete when the EC's status is reported.

Charles indicated the CC has been making good progress and there are 6-7 DPI issues that are not resolved yet and hope to have them all resolved in the upcoming meeting on Wednesday.

Based on all input, we will hold to the current schedule knowing we may have to resolve any issues not resolved by the committee.

The question was posed to the group was what would happen if a comment was not completed by the 5/14 date, what would we do then? Those issues not addressed will surface back up. Neil believes very few items will be left open for this to happen.

There is a Champions vote underway that will end 5/14. They will be busy for the next several weeks. We will meet again on 5/21.

10 DAC

When Lynn got the Accellera breakfast room she got it held until 3p.m. PDT on Tuesday. Karen will let Lynn know we are interested in a time slot in that room.

11 NEW BUSINESS

Neil discussed his vacation schedule in June and if it might have an impact on the committee completing its work. We have a 6/25 call scheduled and Neil will only return the day before that. No change to the schedule was offered and it was suggested he find a DRA.

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

May 28, 2009 P1800 Meeting teleconference 8a.m. PDT

13 ADJOURNMENT

A motion (Mehdi Mohtashemi) was made to adjourn the meeting. Having arrived at the end of the meeting and there no further business before it, the meeting adjourned.