WG14 N1982

C Floating Point Study Group Teleconference

November 10, 2015
9 AM PST / 12 PM EST

Conference ID: 82968194
Toll-free Dial-in number: 1-888-426-6840
Other (International) Dial In Numbers:
https://www.teleconference.att.com/servlet/glbAccess?process=1&accessCode=82968194&accessNumber=2158616239#C3
Screen sharing: https://apps.na.collabserv.com/meetings/join?id=1950-7849, Password: cfeisdygk
Wiki: http://wiki.edg.com/twiki/bin/login/CFP/WebHome

Draft Agenda

Meeting logistics
Note taker, mail out notes - Rajan

Introduction of attendees

Approval of agenda

Notes from 2015-10-13 meeting

Carry-over action items
Ian: Talk to Lawrence Crawl regarding proposing this IEEE-754: 2008 binding to C++ as well.
Ian: Update and check the items listed and flagged under Feature_List_Part_1.
Jim: Follow up with Mike regarding what is needed regarding prior art/implementation for Part 1 features in other languages.

Action items from 2015-10-13 meeting
Jim: p18: Line 9: Put in a footnote showing the practical effect of the selection statement restriction.
Jim: p18: Line 3: a catch action -> catch actions (look into making the change)
Jim: p18: Line 34: a delayed-catch action -> delayed-catch actions (look into making the change)
Jim: p18: Line 21: without the break -> without the jump
Jim: p21: Line 41: Reference the section this footnote is in.
Jim: Contact David Keaton to see if he has any objection to use this new latest part 5 document for the WG14 meeting since we have addressed all the comments (Joseph's).
Rajan: Present part 5 to WG14.
Rajan: Put up a PDF of the feature lists.
David: See what Oracle has done for the feature lists.
Rajan, Fred: See if there is a time pressure for new C Standard proposals.
Rajan, Fred: Report on the WG14 meeting with respect to the TS's.
All: Consider new issues:

p3: Line 24: Is this a constraint violation if it occurs? If so, it cannot be diagnosable by a translator following the translation phases exactly.

p17: For library state: Unspecified vs indeterminate state. Should not have the standard library states be indeterminate, but can we guarantee that it is in a valid state?

Study group logistics

Next meeting date: Tuesday, Dec 8?

IEEE 754 – report

ARITH23 – report

WG 14 meeting in Kona – report

Part 5 – review changes (updated draft forthcoming), assigned review

Implementation status – continue discussion of information provided

Wrap up

Topics for next meeting