WG14 N2313

C Floating Point Study Group Teleconference

November 24, 2018
8 AM PST / 11 PM EST / 4 PM UTC

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
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 2018-10-24 meeting

Posted on CFP wiki

Carry-over action items

Ian: See if there is an incompatibility between C and C++ for constants being evaluated to a wider format (Ex. FLT_EVAL_METHOD affects constants in C++, and wider return values) - Keep open.

Jim: Update the binding table in parts 1 and 2 to handle the new IEEE-754:2018 functions when published.

David: Check the min/max C specification to ensure it matches what IEEE has.

David: Check the augmented* C function specifications to ensure they match what IEEE has.

All: totalorder* differ for NaN payloads: Note that we don't have approval to move up to 754 201x yet. Revisit after we move up to the 754 draft.

Action items from 2018-10-24 meeting

Fred: Ensure that the items for P4_CR_for_rootn.pdf match IEEE.

Jim: Create a CR for Part 4 from P4_CR_for_rootn.pdf.

All: Consider the printf for NaN(n-char-sequence) bounding issue.

Study group logistics

Next meeting dates: Wednesday, December 19? Wednesday, January 23?

IEEE 754 revision

C++ liaison

C2x integration

Part 1
Part 2
Part 3
Part 4ab
Part 5abcd

Action item details

Ensure that the items for P4_CR_for_rootn.pdf match IEEE.

Create a CR for Part 4 from P4_CR_for_rootn.pdf.

Consider the printf for NaN(n-char-sequence) bounding issue.

Other issues

Update to suggested TC for CFP CR25 (totalorder parameters).

Others?

Activities

Review activities in progress

Deferred issues

C standard use of “floating” vs “floating-point”