WG14 N2189

C Floating Point Study Group Teleconference

November 14, 2017
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 2017-10-17 meeting

Action items from 2017-10-17 meeting

Jim: Activities: Add in WG14 document numbers to the items that have them.

Rajan: %a precision: If the footnote is wanted by WG14, correct the typo (differs is several ways -> differs in several ways)

Rajan: %a precision: If the footnote is wanted by WG14, change "For example" into "For instance"

Jim: Respond to WG14 reflector message 14812 with the need to have it predictable and fixed

Jim: Send WG14 N1361 to the CFP group

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)

Rajan: Willem's paper point 4 (return value): No consensus but are OK with either way and if no change, we should note that function return format is not being affected by FLT_EVAL_METHOD

Fred: Get the latest C standard paper to the group

All: Discuss via email Fred's email on 2017/09/21 about Annex F the TS. Potential DR for part 1.

Jim: Send out alternate proposal incorporating Willem's points this group agrees on.

Study group logistics

Next meeting date: Tuesday, December 12?

IEEE 754 revision

C++ liaison

WG14 meeting report

See Rajan's Nov 2 email "WG14 Meeting summary for CFP" to cfp-interest@oakapple.net

Recent issues on email

J Myers (SC22WG14.14879) Floating-point DR#13 and integer arguments to type-generic macros
J Myers (SC22WG14.14885) Comparison macros and usual arithmetic conversions

Binding for IEEE 754-2018

WG14 paper about updating to IEEE 754:2018
Functions for augmented arithmetic http://wiki.edg.com/pub/CFP/WebHome/augop_spec-20170930.pdf
Min/max functions http://wiki.edg.com/pub/CFP/WebHome/min-max_spec-20170930.pdf
Payload functions

Activities

Review activities in progress

Other issues

C standard use of "floating" vs "floating-point"