WG14 N2383

C Floating Point Study Group Teleconference

May 21, 2019
8 AM PDT / 11 PM EDT / 3 PM UTC

NEW CALL-IN INFORMATION:
Phone: 1-844-531-0958
Access code: 920 471 989
Global call-in numbers:
https://ibm.webex.com/cmp3300/webcomponents/widget/globalcallin/globalcallin.do?siteurl=ibm&serviceType=MC&ED=711376817&tollFree=1
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 2019-04-23 meeting
Posted on CFP wiki

Carry-over action items
All: Review the rationale for part 5 a, b, c proposal.
Fred: Create papers for the SNAN initialization and unary + operation as CFP papers (CFP 1249, 1253, 1247, 1250) for future submission to WG14.

Action items from 2019-04-23 meeting
Ian: Forward message from Hubert about FLT_EVAL_METHOD, etc.
Jim: Post the IEEE 2019 draft for the CFP group on the wiki.
Jim: Ensure that the quantum exponents table defines dN sufficiently in C2X.
Jim: Get an N number for CFP1277 and submit it.
Jim: Get an N number for CFP1282 as a proposal and submit it (possibly after CFP review?).

Study group logistics
Next meeting dates: Tuesday, June 25?

IEEE 754 revision

C++ liaison

WG 14 spring meeting
April 29 – May 3
See Rajan's report CFP 1309

C2x integration
Part 1
Part 2
Part 3
Part 4ab
Part 5abcd

Action item details
   Fred: Create papers for the SNAN initialization and unary + operation as CFP papers (CFP 1249, 1253, 1247, 1250) for future submission to WG14.
See Tydeman's CFP 1290.

   All: Review the rationale for part 5 a, b, c proposal.
http://wiki.edg.com/pub/CFP/WebHome/n2120.pdf
http://wiki.edg.com/pub/CFP/WebHome/n2121.pdf
http://wiki.edg.com/pub/CFP/WebHome/n2122.pdf

   Ian: Forward message from Hubert about FLT_EVAL_METHOD, etc.
See Ian's CFP 1287.

   Jim: Ensure that the quantum exponents table defines dN sufficiently in C2X.

   Jim: Get an N number for CFP1277 and submit it.

   Jim: Get an N number for CFP1282 as a proposal and submit it (possibly after CFP review?).

Other issues
Rounding of negated floating-point constants under FENV_ROUND pragma.

fesetexcept and optional inexact
See CFP email thread "fesetexcept() and optional inexact"

Fred's WG 14 papers

Others?

Activities
Review activities in progress