C Floating Point Study Group Teleconference

March 21, 2017
9 AM PDT / 12 PM EDT

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 2017-02-28 meeting

Carry-over action items
   none

Action items from 2017-02-28 meeting
   Rajan: Submit DRS2:DDR9 example as a paper for a supplement to the STC in the DR and change all the %A to %a (ensuring it conforms to the specification for %a).
   Jim: Create a DR against part 2 to specify the capitalization effects of %a.
   Jim: DRs2:DDR2: DECIMAL_DIG: Have DECIMAL_DIG to be the largest supported floating type as a new replacement Suggested TC for DRs2:DDR2.
   Jim: Add in the encoding *_DIG macros (as per http://wiki.edg.com/pub/CFP/WebHome/characteristics_for_non-arith_formats.pdf) and obsolescing DECIMAL_DIG as a proposal to WG14 as a new enhancement.
   Jim: Include Type-generic macros for functions that round result to narrower type as part of the third set of DR's.
   Fred: Propose adding in #pragma STDC FENV_ROUND DEFAULT as a means to set the static rounding mode to the default rounding mode.

Study group logistics
   Next meeting date: Tuesday, April 25?

IEEE 754 revision– report

C++ liaison – report

C2x proposals – report on document submissions

DR issues –
  Report on document submissions
  Discuss DECIMAL_DIG issues. Ref Jim's 3/3/17 email "Re: [Cfp-interest] WG14 IEEE 754-C binding meeting minutes 2017/02/28". What to propose to WG 14?

Binding for IEEE 754-2018
  Augmented add and multiply operations
  Min/max operations

Other issues – ?