C Floating Point Study Group Teleconference

October 16, 2019
8 AM PDT / 11 PM EDT / 3 PM UTC

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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 2019-09-18 meeting
  Posted on CFP wiki

Carry-over action items
  Fred: Rewrite the proposed CFP1360 paper using the CFP recommendations.

Action items from 2019-09-18 meeting
  CFP: Put the tgmath redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.
  Jim: Respond to Fred's question in CFP1377 about where the SNANF information is stated.
  CFP: Look at naming issue and propose responses to the questions in the paper.

Study group logistics
Next meeting dates: Wednesday, November 13?

IEEE 754 revision

C++ liaison

C2x integration
  Part 1
  Part 2
  Part 3
  Part 4ab
  Part 5abcd
**Action item details**

Fred: Rewrite the proposed CFP1360 paper using the CFP recommendations. See thread starting with [Cfp-interest 1388] Math functions & range errors

CFP: Put the tgmath redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.

Jim: Respond to Fred's question in CFP1377 about where the SNANF information is stated. See CFP 1411.

CFP: Look at naming issue and propose responses to the questions in the paper.

**Other issues**

Followup on what does “normalized" mean in C? See CFP 1399

Specifying more special cases for math functions, e.g., periodicity for half-revolution trig functions. Perhaps as recommended practice.

For WG14 meeting

N2384 Thomas, C2X proposal - F.8 update
N2400 Thomas, C2X proposal - why no wide string strftime functions
N2406 Tydeman, SNAN: initialization and unary +
N2407 Thomas, Proposal for C2X - TS 18661-5abc supplementary attributes
N2416 Thomas, Proposal for C2X - floating-point negation and conversion
N2421 Thomas, TS 18661-5abc for C2X - slides
N2424 Thomas, Proposal for C2X proposal – Why logp1?

Others?

**Activities**

Review activities in progress