C Floating Point Study Group Teleconference

December 12, 2013
9 AM PST / 12 PM EST

Phone: 1-866-682-4770 (toll free) or 1-408-774-4073
Conf Code: 8620908
Security Code: 1234
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 2013-11-13 meeting

Action items from 2013-11-13 meeting

    Jim: Backup the documents in Word format. - Most current version has been put up. Keep this item open.
      Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp1.docx
      Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp2.docx
      Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp3.docx
      Current files: http://wiki.edg.com/twiki/pub/CFP/WebHome/cfp4.docx
      Note: Should also keep versions that are equivalent to PDF's.
    Jim: Part 2: Will go with _Decimal32/64/128 ordering and Jim will follow up with Joseph to see if he agrees.
    Jim: Part 2: Draft wording changes (based on Josephs email) regarding decimal vs generic radix 10 static rounding mode and we will review.
    All: Part 2: A document will have to be delivered before the December meeting so please watch emails and respond quickly.
    Jim: Part 1/2/3/4: Add a note regarding the a/b/c/... clause suffix meaning and reasoning for parts 2 on (since 1 is in ballot). Also check to see if this can be added in Part 1 as well.
    Jim: Part 3: Try to use the math symbols for ceiling and floor instead of the words ceiling and floor.
    Jim: Part 4: Look for opportunities for shortening function lists by removing suffixes.
    Jim: Part 4: Send a note to the IEEE-754 group to get review of the draft from them.
    Jim: Part 4: Remove the bold N in 5.3 function lists.
    Jim: Part 4: Add in issue: We don't require conformance to part 3, and don't say _FloatNx (for example) must follow Part 3 so the functions are defined but are not the same as intended if an implementation has _FloatNx types but not Part 3 based.
    Jim: Part 4: Pi functions: Drop the second "half-revolutions"

Jim: Part 4: atan2pi: Flag the description wording as an issue.
Jim: Part 4: atan2pi: Add in atan2pi has a domain error for both arguments being zero.
Jim: Part 4: log21p: Add in issue: It could be read as log 21 p instead of log2 1p.
Jim: Part 4: rsqrt: Need to add a domain error.
Jim: Part 4: compoundn: Add an issue: Why is it not an long long int?

Study group logistics
      Next meeting date: Thursday, Jan 9?

Part 1
      Status

Part 2
      Status

Part 3
      Review changes
      Discuss next steps

Part 4
      Review changes
      Resolve issues
      Discuss next steps

Wrap up
      Topics for next meeting