

WG14 N2158

C Floating Point Study Group Teleconference

July 11, 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 2017-05-23 meeting

Carry-over action items

none

Action items from 2017-05-23 meeting

Jim: Reword http://wiki.edg.com/pub/CFP/WebHome/augop_spec-20170422.pdf to have the additions done in Annex F only.

Jim: Work http://wiki.edg.com/pub/CFP/WebHome/min-max_names.pdf into a specification for the main body of the standard. Also add a footnote saying for implementations without NaN's the functions have the same results.

All: Look into any other teleconferencing facility (Ex. Cisco Webex, Skype, etc.) to have a backup in case the main one fails.

Study group logistics

Next meeting date: Tuesday, August 22?

IEEE 754 revision

C++ liaison

C2x proposals

TS 18661-5d Alternate exception handling

DRs

DR9 Missing specification for usual arithmetic conversions, tgmth

DR11 a-style formatting not IEC 60559 conformant

DR501 Can DECIMAL_DIG be larger than necessary

Binding for IEEE 754-2018

Augmented precision

Review http://wiki.edg.com/pub/CFP/WebHome/augop_spec-20170619.pdf

Min/max operations

Review http://wiki.edg.com/pub/CFP/WebHome/min-max_spec-20170614.pdf

Other issues

FLT_EVAL_METHOD effect on floating constants (Willem Wakker issue)

C standard use of “floating” vs “floating-point”

Constant rounding modes and tgmth (Joseph Myers issue)