

WG 14 N1735

WG14 CFP meeting minutes for the meeting of 2013/08/08

Note taker: Rajan

Attendees: Jim, Mike, David, Ian, Rajan, Marius (10:00 PDT)

Old action items:

Jim to send email about WANT macros - Done

All to review July 10th email (5.2.4.2.2 reorg) - Done

Next meeting:

September 10th, 2013, 12:00 EST, 9:00 PDT

Same teleconference number

New action items:

Jim: Changes to make to part 2:

Page 1: does not cover -> neither

Page 3: Remove lists unless there is an actual change in the identifiers

Page 8: Look at the phrase "they have the" to see if other places may have the existing wording

Page 19: Line 4: Font on stdio.h is wrong

Jim: Changes to make to all parts: Want macro name:

`__STDC_WANT_IEC_60559_{BFP, DFP, TYPES, FUNCS, ...}__`

Current status:

Ballot on part one ends on August 16th and this is the first time we get to look at comments

Jim will be on vacation from the 16th to the 29th

WG14 mailing deadline is September 2nd, but John will allow posting docs until September 16th to still discuss it in the meeting

WG14 meeting: September 30th to October 3rd

Jim can work on speculative draft based on comments discussing over email before the September meeting

Jim will get the part 2 draft ready for the WG14 posting

Part 2 discussion:

*Page 1: does not cover -> neither

Page 3: Grouping the changes here is a lot of information at the start, but it seems to be easier for implementers and for maintenance.

*The lists are only present for review purposes, but will be removed for the actual change

We can have a list of identifiers introduced per want macro.

Page 8:

Mike: Rather than "they have the" -> "they correspond to the"

*Jim: Other places may have the existing wording. I will check.

Correspond seems too weak.

Page 11:

Should we make a corresponding change to the standard floating types even though the clarification has nothing to do with the new floating-point standard update.

Rajan: Better to try and pass part 1 and part 2 and handle it as a DR

Mike: We could also handle this as part of the comments for part 1

Jim: We can provide editorial suggestions based on the ballot even if there were no comments on this part

Do we want to add in the other -ve value text to allow implementation-defined behavior?

We can come back to this in Part 3 if needed.

*Page 19: Line 4: Font on stdio.h is wrong

Page 21:

This is different from other standard pragmas in that some implementations do macro expansion in pragmas and others don't. Since the values are std defined pragmas this may have implications we have not considered.

Constant rounding modes: Decided to keep two separate #pragma's (one for standard floating rounding mode and one for decimal floating rounding mode)

Want macro name:

Keep functional part for code readability

Drop EXT#, LIB since they add no value

Keep IEC, 60559 to identify it

*Name: `__STDC_WANT_IEC_60559_{BFP, DFP, TYPES, FUNCS, ...}__`