

WG21 pre-Jacksonville telecon minutes

ISO/IEC JTC1 SC22 WG21 N4730 – 2018-03-07

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Convener: Herb Sutter

SC22/WG21 pre-meeting telecon

Friday, March 2, 2018

8:00 am | Pacific Standard Time (San Francisco, GMT-08:00) | 2 hrs

1. Opening and introductions

1.1 Roll call of participants

- Barry Hedquist
- Detlef Vollmann
- Gabriel Dos Reis
- Graham Lopez
- Hal Finkel
- Hans Boehm
- Herb Sutter
- Hubert Tong
- J Daniel Garcia
- Jonathan Wakely
- John Spicer
- Lawrence Crowl
- Lois Goldthwaite
- Marshall Clow
- Nevin Liber
- Olivier Giroux
- PJ Plauger
- Thomas Rodgers
- Titus Winters
- Ville Voutilainen
- Walter E Brown
- William Miller

1.2 Adopt agenda

No objection to adopting the agenda in [N4717](#).

1.3 Approve minutes from previous meeting (deferred to face-to-face

meeting)

1.4 Review action items from previous meeting (deferred to face-to-face meeting)

1.5 Review of project editor and liaison assignments

No objection to the assignments as shown as <http://isocpp.org/std/status>

2. Status, liaison and action item reports

2.1 Subgroup status reports (CWG, EWG, LWG, LEWG)

2.2 Liaison reports

2.2.1 Study Group reports

Core report, Mike Miller

Been deficient in processing the issues list for several meetings, going to dedicate two or three afternoons to issue processing.

Library report, Marshall Clow

Created wiki page listing everything LWG will be considering, including 60 papers, some very large.

LEWG report, Titus Winters

Agenda has 63 papers including backlog from last meeting. Down from 67 at last meeting. Identified eight as early-draft R0 papers where feedback can be sent directly to the authors offline. Several on span and numerics, and graphics, concepts in library, and reflection. Continue trying to reduce the backlog.

Crowl asked about the split for the numerics papers between SG6 and LEWG. Some being seen by both.

EWG report, Ville Voutilainen

Schedule on the wiki. Some extensions to Coroutines, some fixes to Structed Bindings (which will get priority, as fixes to C++17 not future work). Propsals related to spaceship operator. Feature-test macros not scheduled yet, likely to be Thursday or Friday.

SG1 report, Olivier Giroux

Wiki page is up with schedule, with an approximate clumping by topic. Executors get as much time as they want, to make progress on them.

Sutter reported there have been questions about Executors, and whether Networking and Coroutines depend on them. His understanding is "yes" and "no", respectively. Giroux agreed, and mentioned `.then()` as well.

SG5, Michael Wong

No report.

SG6, Lawrence Crowl

13 papers to look at. Biggest issue is Crowl catching up with status and figuring out a path forward and plan for SG6. Invited comments on that.

SG7, Chandler Carruth

No report, but plan two evening sessions.

SG10, John Spicer

Nothing to report

SG12, Gabriel Dos Reis

Paper from Richard Smith on the last day of ABQ, which will be looked at. One other paper to look at too.

SG14, Michael Wong

Meeting planned in April.

SG15, Titus Winters

Some email discussion, a lunch discussion. No meetings planned.

2.2.2 SC22 report

Nothing much to report. Continue to use the ISO meetings platform for registration. People dislike changes in procedure.

2.2.3 SC22/WG14 (C) report

Hedquist reported that WG14 will be revising the C standard with an update mostly incorporating Defect Reports, and then will follow that with another revision with new features (including CPLEX), being considered now, circa 2022.

Brown requested access to WG14 working drafts.

We might need to be aware of the CPLEX work if it goes into the C standard. Rodgers recalled some

SG1 discussion of it. Boehm noted overlap between CPLEX and Parallelism v2, so we might not want to take it into C++. Sutter suggested we should be ready and able to answer questions about to what extent C++ is a superset of C.

3. New business

3.1 Review of priorities and target dates

<http://isocpp.org/std/status>

The only active TS is Parallelism v2.

Library Fundamentals v3 is likely to be proposed in Jacksonville.

3.2 Review of current mailings

Finkel drew attention to updated mailing archive fixing some metadata and adding a missing paper.

3.3 Any other business

4. Review

4.1 Review and approve resolutions and issues

4.2 Review action items

Some form of CPLEX liaison, get access to wg14 drafts.

5. Closing process

5.1 Establish next agenda

To be based on current agenda.

5.2 Future meetings (deferred to face-to-face meeting)

5.3 Future mailings (deferred to face-to-face meeting)

5.4 Adjourn

Meeting adjourned at 9:00 am.