

MINUTES
ISO/IEC JTC1/SC22/WG21ISO/IEC JTC1/SC22/WG21/N0011
X3J16/91-0090
91-07-06

Reply to: Thomas Plum

Date & time: Tuesday June 18, 1991 09:00 - 13:15
Dept of Automatic Control, Lund, SwedenWednesday June 19, 1991 08:30 - 15:50
Grand Hotel, Lund, Sweden

1. Opening & Introductions

1.1 Welcome from host

1.2 Introductions and roll call of technical experts

[* = Head of Delegation]

Paul Jackson, Canada *

Neil Martin, UK *

Keld Simonsen, Denmark *

Nobuo Salto, Japan *

Dmitry Lenkov, USA *

Philippe Gautron, France *

Dag Brück, Sweden *

Andrew Johnson, USA

Thomas Plum, USA

Jonathan Shopiro, USA

Blarne Stroustrup [as guest of Convener]

Steve Carter, Convener

1.3 Selection of meeting chair

Brück, as host, suggested that Carter serve as meeting chair.

This was agreeable to all present.

1.4 Selection of meeting secretary

Plum volunteered to serve as meeting secretary. Agreeable to all.

1.5 Selection of drafting committee

Simonsen and Johnson volunteered to serve as drafting committee.

Agreeable to all.

1.6 Adoption of agenda

The preliminary agenda (WG21/N0001) was adopted, with these additions:

2.2.5 WG15 Report

3.3 Documents and J16 Liaison

3.4 Email reflector

3.5 Coordination with WG14 (C Language)

3.6.1 Character set issues

3.6.2 Trigraph/digraph issues

1.6.1 Recognition of documents

WG21/N0003 = X3J16/91-0070 (Introducing 8-bit characters in C++ identifiers) was recognized. Also recognized was LT-1 ("Lund temporary document #1, "Alternative to Trigraph Solution", eventually registered as WG21/N0009 = X3J16/91-0086).

*** Convener Carter will provide the latest X3J16 draft

(WG21/N0008 = X3J16/91-0059) to new WG21 members.

1.7 Approval of previous minutes

It was unanimously agreed that there were no previous minutes to approve.

2.1 Small Group Status reports [none yet]

2.2 Liaison Reports

2.2.1 SC22 Report

Carter summarized the process of SC22 approval of WG21, to date. (Details provided in SC22/N946, alias WG21/N0030 = X3J16/91-0096, and SC22/N947, alias WG21/N0031 = X3J16/91-0097.)

2.2.2 SC22/WG11, Language Independent datatypes

Simonsen circulated a copy of SC22/WG11/N233. Members of WG21 and X3J16 interested in language-independent datatypes should ask Simonsen for further information.

Simonsen will serve as WG21 Liaison to WG11.

2.2.3 SC22/WG14, C

Plum reported on the six technical issues discussed at the May 1991 Tokyo meeting of WG14. (Details provided in WG21/N0016 = X3J16/91-0075.)

2.2.4 US C++ TAG, X3J16

Lenkov summarized the synchronization plan discussed at the past two X3J16 meetings. (Details resulted in specific resolutions below.)

2.2.5 SC22/WG15, POSIX

Simonsen reported on the POSIX work on locales and language-independent bindings. Salto mentioned that Japan is developing a JIS locale for POSIX and suggested that it is important for WG21 to coordinate with this.

+++ Resolution #0: Locale-specific capabilities
[For the detailed text of each resolution, see attached WG21/N0010 = X3J16/91-0087.]

*** Stroustrup will coordinate the soliciting of proposals.

2.3 Review action items from previous meetings [None]

3. New business

3.1 Resolve comments on the NP (New Work Item Proposal) Ballot

WG21 studied SC22/N946 (Summary of Voting and Comments ...). Responses to the German "Yes with Comments" vote and the UK "No with comments" vote were discussed and unanimously approved.

+++ Resolution #1: Response to comment from Federal Republic of Germany.

+++ Resolution #2: Response to comment from United Kingdom.

*** Convener (Carter) will communicate ballot comment resolutions to the national members which submitted the comments.

3.2 Discuss terms of reference
Documents WG21/N0004 and WG21/N0006 were discussed. Several resolutions were formally approved, seven member bodies in favor, none opposed.

+++ Resolution #3: Document Approval.

+++ Resolution #4: Project Editor.

At 13:15, the meeting was adjourned until 08:30 Wednesday, Grand Hotel, Lund.

The meeting was called to order by Carter, serving as meeting chair. Further discussion took place regarding the wording of the previous four resolutions. Also discussed were the question of producing a "differences between C and C++" annex, and the question of designating specific base documents and working draft.

*** Lenkov will put into the next mailing a document describing the dynamics of "Type I" standards development.

+++ Resolution #9: Working document

3.3 Documents and Liaison with X3J16

+++ Resolution #6: Document numbering

+++ Resolution #7: Joint voting with X3J16

+++ Resolution #10: Email reflectors

+++ Convenor (Carter) and M. Miller will coordinate joint numbering and mailing for X3J16 and W621.

3.5 Coordination with W614

Simonsen volunteered to be liaison from W621 to W614. Plum said that he would be willing to serve W614 as liaison to W621.

+++ Resolution 11: W614 liaison

Salto volunteered to be liaison from W621 to W615. No objections.

+++ Resolution 12: W615 liaison

Simonsen volunteered to serve as W621 liaison to W611.

+++ Resolution 13: W611 liaison

3.6.1 Character set issues

Voted to discuss in joint session.

3.6.2 Trigraph/digraph issues

Voted to discuss in joint session with X3J16.

4. Review/approval of resolutions, action items, and issues

Deferred action items and issues to discussion at item 5.5 (review action items).

5. Future meetings

5.1 Next agenda

Simonsen requested that character set issues be added to the next agenda, for the joint meeting.

5.2 Future meetings

Regarding future meetings, we plan to meet on Sunday evening 19:00 before each X3J16 meeting, and during Monday 09:00 - Friday 12:00 joint with X3J16.

+++ Resolution #14: Division of business

+++ Resolution #15: Chair of joint meetings

Agreed to future meeting schedule:
November 10-15 1991, Dallas, Texas, USA
March 08 - 13 1992, London, UK
July 12 - 17 1992, Toronto, Canada

5.3 Mailing deadlines

Deadlines will be announced later.

5.4 Document number assignment

L1-1 will become W621/W0009.

At 10:45, Carter adjourned the meeting until 13:00.

Wednesday June 19, 1991 13:15
Grand Hotel, Lund, Sweden

At 13:15, Convenor Carter re-opened the meeting.

5.5 Review action items

Reviewed action items above.

All resolutions above were approved unanimously by the seven national heads of delegation.

5.6 Thanks to host

Appreciations were expressed as described in Resolution #16.

+++ Resolution #16: Appreciations

5.6.1 Joint session

W621 went into joint session with X3J16 to discuss international character set issues. [See attached Joint Session Minutes W621/W0014 = X3J16/91-0093.]

5.7 Adjourn

The meeting was adjourned at 15:50.

[*** = action items]

[+++ = resolutions]

APPENDIX - Addresses

Attendance is listed above in section 1.2. Addresses supplied by attendees were as listed in W621/W0005 = X3J16/91-0094 with these exceptions:

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[OR] bsi_nell@ciix.compulink.co.uk [*** Nell - please confirm]

[Format of telephone numbers is "+", then country code,
then telephone number, preserving each person's own spacing
and punctuation after the country code.]

[*** Is there an ISO standard for phone number representation?]