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Languages
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Draft Minutes of Meeting of
SC22/WG11 - Binding Techniques held
in London UK, 1989-10-10/12

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Minutes of WG Meeting

ACTION:

For information to SC22 Member Bodies.

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DRAFT MINUTES OF MEETING OF
ISO/IEC JTC1/SC22/WG11

Place: IBM South Bank Offices
Room GC3
76-78, Upper Ground
London
ENGLAND Telephone: 01 928 1777

Date: October 10-12, 1989

Attendees: Mr. Edward Barkmeyer (US)
Mr. Paul Barnetson (UK)
Mr. Jean B ourgain (France)
Mr. Jon Diamond (UK)
Mr. Ken Edwards (US)
Mr. David Joslin (UK)
Mr. Bertrand Leroy (France)
Mr. Brian Meek (UK)
Mr. Ken Meyer (UK)
Mr. Don Nelson, Convenor (US)
Mr. Willem Wakker (NL)
Mr. Brian Wichmann (UK)

1. Approval of agenda

a WG11 N146 - Draft Agenda for October 1989 WG11 Meeting

Mr. Barnetson's telephone number was corrected, the meeting room was corrected, original item 8 c was moved to item 3, items that were handed out at the meeting were added, and other slight modifications were made. The agenda was approved as modified. The approved agenda was

2. Approval of Minutes of Previous Meeting

a WG11 N148 -Draft Minutes of April 1989 WG11 Meeting

No changes were made. The minutes were approved.

3. Convenor report

a. General.

There was little to report other than the SC22 Plenary activity shown below.

b. SC22 Plenary Results

(1) WG11 N143 - Final Report to the ISO/IEC JTC1/SC22 Plenary

There are almost no language committee members on X3T5, which gives it a slant towards protocols and hardware rather than languages.

Nothing was done on the LCAS (WG11 N144).

c. AFNOR/CG 97/CN 22/GE 11

Concern was expressed on making the LCAS independent from hardware. Mr. Wichmann said that was the intent, but it may not have been clear.

5. Work Item 22.14 - Language Bindings Guidelines

a. SC22/N466 Guidelines for Language Bindings (proposed DTR).

A new version was sent to the convenor by Ms. Sparks. This will be sent to the SC22 Secretariat for registration as a DTR and IEC/JTC 1 and SC22 approval.

The updated replies to the comments on the review will be sent to SC22.

b. Milestones

06.00	88-02-17	88-02-17	Proposed DTR ballot initiated within SC
06.01	88-05-31	88-05-31	Proposed DTR ballot within SC closes
06.02	89-11-01		DTR registered at ISO
06.03	89-11-10		DTR ballot initiated within TC
06.04	90-05-10		DTR ballot within TC closes
06.05			DTR text submitted to ISO/CS
06.06			DTR text submitted to ISO Council for accep.

6. Work Item 22.16 - Common Procedure Calling Mechanism (CLIPCM)

a. WG11 N57 - Common Language-Independent Procedure Call - General Description.

This is on the agenda as the base document. No action was taken on it

b. WG11 N140 - Common Language-Independent Procedure Calling Mechanism - What is the standard for? (Meek)

This was reviewed and no specific action was taken (it is information only).

c. Project Editor

Mr. Ken Edwards of the US is the new project editor. He indicated that he would start work on a draft and hopes to have one ready by the first of next year. As can be seen by the following milestones, the schedule is somewhat ambitious.

It was noted that a method of "call and proceed" for asynchronous processing needs to be included.

b. Common Language-Independent Data Types (CLIDT)

(1) Status of Project

An incomplete working draft is available. See the comments on the following papers for its status.

It was felt that a draft should be circulated to the member bodies for comment as for the LCAS, above.

(2) WG11 N137 - Common Language-Independent Datatypes - Working Draft #2 (Barkmeyer - ANSI X3T2/89-137)

This was discussed at length. There were some differences on the various classes of datatypes (are list and array the same?). No specific direction was taken in this regard. It was felt that the mapping rules must be clearly defined. That is, how language committees should define them. Also, mappings to ISO-RPC types and to common vendor internal types should be covered in some way. Mainly, it was felt that it must be possible to make such mappings.

Most of the discussions on this document were led by the following papers.

(3) WG11 N138 - Personal Comments on Common Language-Independent Datatypes (Barkmeyer - ANSI X3T2/89-157)

This was discussed and some direction was given.

(4) WG11 N139 - Common Language-Independent Datatypes Editor's Notes for Working Draft #2 (Barkmeyer - ANSI X3T2/89-120)

This was discussed and some direction was given.

(5) WG11 N145 - Comments on X3T2/89-118 (WG11 N137) CLIDT WD#2 (Joslin)

This was discussed and some direction was given.

(6) WG11 N151 - Proposed Additions to CLIDT Standard (WG11 N137) (Greengrass - T2/89-180)

This was discussed and it was decided that the suggested detail was not needed.

(7) WG11 N152 - More Comments on CLIDT (WG11 N137) (Misc - T2/89-181)

This document was a grouping of electronic mail messages. Most indicated that what is trying to be done is still not understood.

(8) WG11 N153 - FORTRAN 77 and CLID - An Illustrated Statement of Requirements