



ISO/IEC JTC1/SC22
Languages
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ISO/IEC JTC1/SC22

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

Place: ACE Associated Computer Experts bv
Van Eeghenstraat 100
1071 GL Amsterdam
THE NETHERLANDS

Date: October 4-6, 1988

Attendees: Mr. Boris Allan (UK)
Mr. Paul Barnetson (UK)
Mr. Pat Mansfield (US)
Mr. Brian Meek (UK)
Mr. Donald Nelson, Convenor (US)
Mr. Willem Wakker (NL)
Dr. Brian Wichmann (UK)

1. Approval of agenda

The agenda was modified slightly and approved.

2. Approval of Minutes of Previous Meeting

The following changes were made:

Page 1, Attendees, change "Phil Barnetson" to "Paul Barnetson",
"Brain Meek" to "Brian Meek", and "Willem Waaker (N)" to
"Willem Wakker (NL)".

Page 2, second paragraph under item 6, change "Mr. Joslin" to
"Mr. Joslin or some other BSI IST/5/11 member".

Page 3, item 7, delete the last sentence.

Page 3, item 9, April meeting, change the dates to April 26-28
and the meeting place to Lowell Mass.

The minutes were approved as modified.

3. Approval of convenor report

There was nothing to report.

4. National Activity Report

a. BSI IST/5/11

See WG11 N104 (attached) for the full report. BSI had a
meeting on August 31. All WG11 topics were discussed and some
of the papers discussed at this WG11 meeting were a result of
the IST/5/11 meeting.

b. ANSI X3T2

No specific report. The minutes of their latest meetings were distributed to WG11.

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

No report.

5. Work Item 22.14 - Language Bindings Guidelines

- a. SC22/N466 Guidelines for Language Bindings (proposed DTR).
- b. SC22/N507 Summary of voting and comments received on N466.

The comments were discussed and appropriate changes were made to the base document. WG11 agreed with almost all comments. A reply to the comments will be created.

- c. WG11 N88 - Notes on Guidelines (Meek).

The comments were discussed and appropriate changes were made.

- d. Milestones.

The following stages with a target date and actual date were added:

06.00	88-02-10	88-02-10	DTR submitted
06.01	88-05-31	88-05-31	DTR vote closes
06.02	88-11-15		DTR registered at ISO

6. Work Item 22.16 - Common Procedure Calling Mechanism

- a. WG11 N57 - Common Language-Independent Procedure Call - General Description.
- b. WG11 N91 - Conformity Definition and Introduction to the Standard (Meek).

This will be included in the standard.

- c. WG11 N92 - Comments and Suggestions from Ed Greengrass on Common Language-Independent Procedure Calls.

The comments were discussed. No specific action was taken.

- d. WG11 N100 - RAAM - Remote Application Access and Management.

This paper discussed technical details of remote procedure calls. Our original charter was for local procedure calls, but remote calls were not to be precluded. The details of protocols are not in our charter, since we are to describe an abstract mechanism.

- e. WG11 N102 - Basic remote procedure call (RPC) using OSI remote operations.

This is a proposed ISO standard using the "fast-track" procedure. We objected strongly to this for various reasons. We recommended to the SC22 Advisory Group that the fast-track method not be used for this standard and that we would use it as input in our endeavours. See WG11 N105.

- f. Milestones.

The following stages with a target date and actual date were added:

01.04	89-04-29	
01.05	88-07-25	WD ballot initiated within SC
02.00	89-11	WD ballot within SC closes DP registered at ISO/CS

7. Work Item 22.17 - Common Data Types

- a. WG11 N87 - Towards a formal specification of floating point (Wichmann)

The points in the paper were noted. Many were used in the NWI draft below.

- b. Review of draft of a new work item for language-based floating point real arithmetic (probably 22.17.01).

This was discussed and used for WG11 N89.

- c. WG11 N89 - Proposal for a Language-Based Arithmetic Standard.

This was approved by WG11 and submitted to SC22 in November.

- d. WG11 N101 - Common Language-Independent Datatypes Working Draft #1.

This draft was discussed and several comments were submitted to the author. We agree with the approach in general. We felt that there should be a canonical physical representation along with the abstract descriptions.

- e. Milestones.

The following stages with a target date and actual date were added:

01.04	89-07-30	
01.05	88-10-01	WD ballot initiated within SC
02.00	89-12	WD ballot within SC closes DP registered at ISO/CS

8. Other business

a. Liaison mechanism

Because we are dealing with topics assigned to SC21 we feel that we should be reporting directly to JTC1 rather than to SC22 only. However, we are not sure how this would be done. This topic will be brought up at the SC22 plenary next September.

b. Registration of prefixes

No action was taken on this. We are not sure how to go about such a registration.

c. SC22 Advisory Group.

A report for the AG was prepared (see WG11 N99 and N105).

9. Meeting schedule

April 18-20 1989 - Lowell, Massachusetts, USA - host Mr. Donald Nelson.

October 10-12 1989 - London, England - host Mr. Paul Barnetson.

1 Mr. Boris Allan	Cray Research (UK) Ltd. London Road Bracknell, Berks, RG12 2SY UNITED KINGDOM	+44 (344) 485971	Member (BSI)	05/06/88
2 Mr. Edward Barkmeyer	National Bureau of Standards Factory Automation Systems Metrology A-127 Gaithersburg, MD 20899	(301) 975-3528	Proj. Ed. Data Types	09/09/88
3 Mr. Paul Barnettson	Academic Systems Marketing IBM UK Ltd. Mailpoint Avenue 4W P.O. Box 41, Northern Road, Portsmouth, Hants, PO6 3AU UNITED KINGDOM	+44 (705) 323054 +44 (705) 370911	Member (BSI) Secty BSI APL Panel Memb BSI Prolog, Pasc	04/11/88
4 Mr. Mike Blackledge	Sandia National Laboratories Division 2814 Albuquerque, NM 87185	(505) 846-6014	Member (ANSI)	09/04/87 X3T2
5 Dr. H. Boom	Computer Science Department Concordia University 961-1455 De Maisonneuve Blvd. W Montreal, Quebec CANADA H3G 1M8		Member (Canada)	10/26/87
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9 Mr. Joseph Cote'	Treasury Board of Canada L'Esplanade Laurier 140 O'Connor Street 10th Floor Ottawa, Ontario CANADA K1A 0R5		All mailings	SC22 Secretariat
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12 Mr. Richard G. Foote	Member (ANSI)	02/23/87 X3T2
13 Ms. Lois Frampton	Member (ANSI)	11/24/86 X3T2
14 Dr. Leonard Gallagher	Member (BSI)	12/10/86 Bindings author
15 Mr. Julian R. Gallop	Member (ANSI)	09/02/87 X3T2
16 Mr. Jeff Hildebrand	Member (BSI)	11/10/86 WG2, X3J9, BSI IST BSI IST/5 (program)
17 Mr. David Joslin	Observer	11/18/87 TC24 liaison
18 Mr. Jens Kolind	Member (ANSI)	04/07/88
19 Mr. Patrick E. Mansfield	Member (AFNOR)	04/09/87
20 Mr. Gilles Martin	Member (Canada)	

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