



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

N544

SEPTEMBER 1988

TITLE:

Minutes of Meeting of SC22/WG11-Binding
Techniques held in Thornaby UK, 1988-04-19/21

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Minutes of Meeting

For information to SC22 Member Bodies.

ACTION:

Address reply to: ISO/IEC JTC1/SC22 Secretariat
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MINUTES OF MEETING OF
ISO/IEC JTC1/SC22/WG11

Place: Post House Hotel
Low Lane
Stainton Village
Thornaby, Cleveland TS17 9LW
UNITED KINGDOM

Date: April 19-21, 1988

Attendees: Mr. Boris Allan (UK)
Mr. Phil Barnettson (UK)
Mr. Julian Gallop (UK)
Mr. David Joslin (UK)
Mr. Pat Mansfield (US)
Mr. Brain Meek (UK)
Mr. Donald Nelson, Convenor (US)
Mr. Willem Waaker (N)
Mr. Tony Webster (UK)
Dr. Brian Wichmann (UK)

1. Approval of agenda

The agenda was modified slightly and approved.

2. Approval of Minutes of Previous Meeting

The minutes of the previous meeting were approved.

3. Approval of convenor report

There was nothing to report.

4. National Activity Report

a. BSI IST/5/11

BSI has 6 to 8 active members and had met prior to the WG11 meeting. Some of the following papers were the result.

b. ANSI X3T2

No specific report.

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. WG11 N68 - Comments from WG14 on graphics bindings (missed previously)

The points in the letter were taken into consideration.

- c. WG11 N32 - Contribution from AFNOR (missed previously)

The comments were discussed and a response will be prepared.

6. Work Item 22.16 - Common Procedure Calling Mechanism

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

No specific action was taken (there were no additional papers on the subject). It was decided that Mr. Joslin should be the document editor for WG 11. A letter to ANSI X3T2 was drafted to include this request (and additional requests on Common Data Types).

The general description of the calling mechanism will be circulated to the SC22 language committees for comment.

7. Work Item 22.17 - Common Data Types

- a. WG11 N79 Draft Proposal for a Language-Based Arithmetic Standard
- b. WG11 N80 Comments on Version 1.1 of Draft Proposal for a Language-Based Arithmetic Standard from Brian Wichmann
- c. WG11 N81 Proposal for an International Standard for Floating Point within a Programming Language
- d. WG11 N82 Language-Independent Data Types (Joslin)
- e. WG11 N84 Common Language-Independent Datatypes (Barkmeyer with cover letter)
- f. WG11 N85 Comments on above
- g. Drafting a new work item for language-based floating point real arithmetic (probably 22.17.01).

There was no general agreement on handling pointers, and WG11 requests that anyone who has ideas on pointers submit papers on the topic to WG11 and ANSI X3T2.

A proposal for a new work item on floating-point arithmetic was drafted and it will be circulated to the WG11 members for comment and then submitted to the SC22 secretariat for a ballot. The concept of the new work item (based on the draft NWI proposal) was approved unanimously by the WG11 members present.

The format of the proposed standard was discussed and some of the contents were drafted. The results will be circulated to WG11 members for discussion at the next meeting. The standard will be closely bound to ASN.1.

8. Other business

a. Liaison mechanism

No action taken.

b. Registration of prefixes

No action taken.

9. Meeting schedule

October 4-6 1988 - Amsterdam, Netherlands - host Mr. Willem Wakker

April 18-20 1989 - San Francisco, California, USA - host Mr. Donald Nelson

(tentative)

The WG11 Committee thanked Mr. Joslin and Teeside Polytechnic for the excellent job of hosting the meeting.