

Committee: ISO/IEC JTC1/SC22/WG11

Place: Latitude Camargue
Arles, France

Date: May 27 - May 28, 1991

Attendees:	Mr. Ock K. Baek	IBM, Canada	RPC
	Mr. Ed Barkmeyer	NIST, USA	WG11
	Mr. Paul Barnetson	IBM, UK	WG11
	Mr. Jean Bourgain	AFNOR, France	WG11
	Mr. Ottavio Carparelli	HP (AFNOR), France	RPC
	Mr. Ken Edwards	IBM, US	WG11
	Ms. Lois Frampton	DEC, USA	RPC
	Mr. Steve Griesmer	AT&T, USA	RPC
	Mr. Mark Hamilton	Netwise, USA	RPC
	Mr. Barry Holroyd	Sun Microsystems, USA	RPC
	Mr. Steve Lee	Amoco, USA	RPC
	Mr. Sam Lipson	OSF, UK	RPC
	Mr. Brian Meek	King's College London, UK	WG11
	Mr. Steve Proctor	BT, UK	RPC
	Mr. Johan Mu*:ller	SNI, Germany	RPC
	Mr. Alistar Munro	Bristol University, UK	RPC
	Mr. Keith Rayner	BT, UK	RPC - CCITT
	Mr. Franz Karl Röss	SNI, Germany	WG11
	Mr. Dave Robinson	DEC, UK	RPC
	Mr. John Scott	ICL, UK	RPC
	Mr. Chi Kong Shue	OSF, USA	RPC
	Mr. Michihara Tsukamoto	Japan	RPC
	Mr. Willem Wakker	ACE, Netherlands	Acting convenor WG11
	Mr. Daniel Yellin	IBM, USA	RPC

1. *Introductions*

The purpose of this SC22/WG11 meeting was to discuss CLID/CLIPCM/RPC related issues with SC21/WG6 rapporteur group on RPC. As only 2 days were available for this meeting it was decided to limit the formalities to the bare minimum, and to leave other 'standard' agenda items (minutes of last meeting, other projects) to the next meeting in September 1991.

2. *Status of documents, harmonization*

- The CLID document WG11/N233 will be registered as CD.
- The CLIPCM document WG11/N242 needs more work (mainly on the procedure call model), after the September 1991 meeting a letter ballot for registration as CD will be held.
- The RPC document will be registered as CD at the latest after the October 1991 meeting.

The coordination of the meeting schedules to discuss the progression of the various documents and to deal with comments appears to be a problem: the next SC22/WG11 meeting will be in September 1991 in Vienna, the next SC21/WG6 RPC meeting will be in October 1991 in Canada. There is little chance that individual members of either WG will be able to attend the meeting of the other WG.

To provide input for the SC21/WG6 editing session after the CD ballot closes the SC22/WG11 meeting, planned for the end of April 1992 in conjunction with X3T2, is too late. Alternatively, the possibility for a

meeting in parallel with SC21 (May 1992) could be explored. As no other offer for a meeting is available, this point remains open, and a decision will be taken during the September meeting.

3. *The IDN*

On the IDN the following observations were made:

- The overall or *galactic* IDN should contain everything that is known to be wanted, and should be extensible to cope with extras.
- It was not considered to be realistic to have (at this moment) only one document to contain all of the IDN, with the other documents having a pointer to that document and a list of restrictions (if necessary). There are too many coordination problems related to such a combined approach. Furthermore it was noted that the IDN without semantic information is not very useful, and that the RPC specific semantics do not belong in the *galactic* IDN. This point needs further investigation.
- The RPC and CLID documents will both contain an IDN. The project editors are urged to make sure that these IDNs will not be incompatible.
It was decided that (a first version of) a *galactic* IDN will be incorporated in the CLIPCM document.
- The IDN will only contain information needed at the 'virtual contract' level between the User and the Server. Endpoint specific information will not be included.
- A 'strong' liaison statement from SC22/WG11 to SC21/WG6 will be issued indicating WG11s willingness to aim for harmonized documents, and requesting SC21/WG6 to adopt a similar approach. SC22 will be informed about the coordination problems, and a coordination plan will be presented.

4. *Discussion of documents*

The following documents were discussed:

- WG6/N1008 -- The US member body proposal for an IDN.
This document was registered as WG11/N252. The main part of this document was already distributed by email as WG11/N230.
The IDN proposal and the open issues list were discussed. Many open issues were resolved, some new issues were identified. At some points it was agreed to align the CLID and RPC documents which will result in changes in the CLID document. Some details were left to Mr. Ed Barkmeyer and Mr. Daniel Yellin to sort out.
- WG11/N233 -- Common Language-Independent Datatypes, Working Draft 5.
Some open issues were discussed. It was recognized that for some points (e.g., Issue 11 on Pointer type) a solution was urgently needed, both for CLID and RPC.
- Some Member Bodies comments were discussed. Documents:
 1. WG11/N253 (WG6/N1006): US National Body Position of the Progression of CLIDT, CLIPCM, and RPC IDN and Model
 2. WG11/N254 (WG6/N985): Response to Call for Comments on OSI RPC IDN, UK position
 3. WG11/N255 (WG6/N1019): Comments on RPC from Japanese National Body.

5. *Future meetings*

- Third meeting 1991.

Date: September 17th - September 20th, 1991

Place: Vienna (Austria)

This meeting is one week before the SC22 meeting in Vienna.

There will be a combined meeting with SC22/WG2 (Pascal) on Wednesday, September 18th

(afternoon).

It is proposed to have part of the WG11 meeting devoted to RPC issues together with people from the SC21/WG6 RPC rapporteurgroup.

— First meeting 1992.

Date: April 20th - April 24th, 1992 (tentatively)

Place: Washington DC (USA)

This will be a combined meeting with X3T2.