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<p style="text-align: center;">SC7 Liaison Report to the Helsinki Plenary SC32 Data Management and Interchange</p>
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1 Meetings

SC7 held its plenary in Madrid, Spain, last May. About 150 members attended. The next plenary will be in Nagoya, Japan early next May.

2 Summary of the scope and programme of work of SC7

The title of SC7 is Software Engineering, "Software" understood more as information systems than limited to program code. The title is expected to change to Systems Engineering.

The program of work has many facets:

- Software Process (Lifecycle, Maturity Assessment, Quality (9000-1));
- Software Development Tools and Environments (Selection and evaluation);
- Software Product (Qualitative metrics, reliability, quantitative metrics (Function Points));
- Software Product (ODP, CORBA, etc.);
- Development Products (Documentation, Modelling, Metadata).

3 Organizational Changes in 2000

SC7 is expecting to be tasked with the revision of ISO 9000-1, Software Quality, as a result of an agreement with TC156. A new working group will be/has been created to consolidate quality related projects.

ODP and Modelling related working groups (11, 14, 15, 16) have been merged in a new working group (19 - ODP and Modelling Languages) with Bryan Wood as Convenor. The group will also act as the liaison WG with OMG.

4 Processing of CDIF documents (WG19)

DIS Ballot Submitted in 2000

- | | |
|----------|--|
| IS 15474 | Overview and Framework (Meta-metamodel); |
| IS 15475 | Transfer Format (Rules, Syntax and Encodings); |

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IS 15476 Subject Area Metamodels (Foundation, Common);

FCD Ballot Scheduled in 2000, DIS in 2001

IS 15476 Subject Area Metamodels (Data Definition, Data Models, Data Flow Models, State-Event Models);

5 Processing of Enterprise Viewpoint (WG17)

IS 15414: ODP - Open Distributed Processing - Reference Model - Enterprise Viewpoint has had a second CD ballot completed and resolved during the year, and the FCD ballot has now been issued. It has been circulated for information to SC32.

6 Processing of the UML PAS submission from OMG (WG19)

The DIS ballot for IS 19501-01 UML has now completed. The editing meeting, if required, will be held in Orlando, Florida, in mid-december. It will be a joint SC7 WG19 and OMG Liaison and OOAD mtg.

The mode of operation is that all technical work is done within and by OMG, WG19 acts as a conduit for technical input from NBs for future versions, and manages the ISO processing of the documents.

This UML standard is in reality a set of standards:

- The meta-metamodel (subset of UML);
- A metamodel (UML);
- A set of graphical notations (Use Cases, ...);
- A repository interface (MOF);
- An interchange specification (XMI);
- An IDL based interface definition.

7 Clarification of Liaison Responsibilities

As a result of the incorporation of the ODP program of work in SC7, some liaison responsibilities were also inherited.

I am clearly the liaison from SC7 to SC32, and because of my presence at SC7 plenary, I also acted as liaison from SC32 to SC7, and reported on the SC32 activities, although technically I was probably only the liaison of SC32/WG2 to SC7/WG11.

Some clarification is needed in the area of liaisons from SC32 to SC7.

Jean Bérubé, CAN