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Software Engineering
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Title Report From The ITU-T Study Group 7 Liaison Officer On The Collaborative Work on Open Distributive Processing (ODP).

Source ITU-T Study Group 7 Liaison Officer

Project

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References

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Note

TITLE: Collaboration on Open Distributed Processing (ODP)

SOURCE: Chairman of ITU-T Study Group 7

ATTENTION: SC 7 Working Groups 15, 16 and 17

1. Introduction

ITU-T Study Group 7 is pleased to report on the status of the collaborative work on Open Distributive Processing (ODP). The attached status table summarizes the situation as a result of the 20-31 March 2000 meeting of Study Group 7.

Most of the originally defined collaborative work program has been completed and the common texts have been published. The remainder of the work is reviewed item by item below.

2. Protocol support for computational interactions

Study Group 7 approved ITU-T Rec. X.931 | ISO/IEC 14752 on 18 June 1999. Text is being processed for publication.

3. Type repository function

Study Group 7 approved ITU-T Rec. X.960 | ISO/IEC 14769 on 18 June 1999. It appears that the FDIS ballot has not been initiated. If this is the case, SC 7 is requested to promptly initiate the FDIS ballot.

4. Architectural Semantics amendment on Computational Formalization

On 31 March 2000, Study Group 7 approved Amendment 1 to ITU-T Rec. X.904 | ISO/IEC 10746-4 using the text provided by the editor R. Sinnott. SC 7 should now process the FDAM ballot.

5. Quality of Service

Based on our understanding of the schedule of work, Study Group 7 has announced plans to approve ITU-T Rec. X.905 | ISO/IEC 15935 early February 2001. Please confirm whether or not final text (prior to FDIS ballot) will be ready by this date. Also, please indicate whether or not the ISO/IEC designation will be changed to part 5 of 10746 (ODP Reference model).

6. Enterprise Viewpoint

Based on our understanding of the schedule of work, Study Group 7 has announced plans to approve ITU-T Rec. X.911 | ISO/IEC 15414 early February 2001. Please confirm whether or not final text (prior to FDIS ballot) will be ready by this date.

7. Termination of work on two texts

We confirm the discontinuation of work on ITU-T Rec. X.912 | ISO/IEC TR 14466 (Use of specification techniques) and ITU-T Rec. X.951 | ISO/IEC 13235-2 (Trading function ICS and test cases). They have been removed from our work program.

8. Future work on ODP

We understand that OMG has been recognized as a PAS submitter by JTC 1 and that future elaboration of work on ODP will be achieved through the PAS process. Please keep Study Group 7 informed regarding your future work plans on ODP including texts planned for submission by OMG.

OPEN DISTRIBUTED PROCESSING

| RECOMMENDATION | | CURRENT PUBLICATION | | WP | Q | EDITOR | LATEST TEXT | ISO/IEC EQUIVALENT | APPROVAL TARGET | |
|-----------------|--|-----------------------|---|----|----|---------------|-------------|--------------------|-----------------|---|
| No. | TITLE | | | | | | | | | |
| X.901 | Information technology - Open Distributed Processing - Reference model: Overview and guide to use | 1997 | C | 5 | 24 | F. Caneschi | | 10746-1 | | |
| X.902 | Information technology - Open Distributed Processing - Reference model: Foundations | 1995 | C | 5 | 24 | J. B. Stefani | | 10746-2 | | |
| X.903 | Information technology - Open Distributed Processing - Reference model: Architecture | 1995 | C | 5 | 24 | A. Herbert | | 10746-3 | | |
| X.904 | Information technology - Open Distributed Processing - Reference model: Architectural Semantics | 1997 | C | 5 | 24 | R. Sinnot | | 10746-4 | | |
| X.904 Amd. 1 | Computational formalization | 2000 D 358 | C | 5 | 24 | R. Sinnot | | 10746-4/Amd 1 | | |
| X.905 | Information technology - Open Distributed Processing - Reference model: Quality of service | | | 5 | 24 | C. Sluman | TD 5316 | 15935 | February 2001 | C |
| X.910 | Information technology - Open Distributed Processing - Naming framework | 1998 | C | 5 | 24 | A. Tanaka | | 14771 | | |
| X.911 | Information technology - Open Distributed Processing - Enterprise viewpoint | | | 5 | 24 | J. Miller | D 302 | 15414 | February 2001 | C |
| X.912 | Information technology - Open Distributed Processing - Use of specification techniques | | | 5 | 24 | R. Sinnott | | TR 14466 | Work terminated | |
| X.920 | Information technology - Open Distributed Processing - Interface Definition Language | 1997 | C | 5 | 24 | L. Leboucher | | 14750 | | |
| X.930 | Information technology - Open Distributed Processing - Interface references and binding | 1998 | C | 5 | 24 | L. Kutvonen | | 14753 | | |
| X.931 | Information technology - Open Distributed Processing - Protocol support for computational interactions | 1999 Pre-published | C | 5 | 24 | P. Furniss | | 14752 | | |
| X.950 | Information technology - Open Distributed Processing - Trading function: Specification | 1997 | C | 5 | 24 | T. Rutt | | 13235-1 | | |
| X.951 | Information technology - Open Distributed Processing - Trading function: ICS and test cases | | | 5 | 24 | | D169 | 13235-2 | Work terminated | |
| X.952 | Information technology - Open Distributed Processing - Trading function: Provision of trading function using OSI Directory service | 1997 | C | 5 | 24 | T. Rutt | | 13235-3 | | |
| X.960 | Information technology - Open Distributed Processing - Type repository function | 1999 Pre-published | C | 5 | 24 | K. Raymond | | 14769 | | |