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ISO/IEC JTC 1/SGFS
Title: ISO/IEC JTC 1 Special Group on Functional
Standardization

Secretariat: NNI (Netherlands)

Title   : Editors Report on Progression of TR 10000-2

Source   : Editor - ISO/IEC JTC1/DTR 10000-2.3 (Mr. W. Koch)

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Subject: Editors Report on Progression of TR 10000-2

Source: Editor - ISO/IEC JTC1/DTR 10000-2.3 (Mr. W. Koch)

Date: June 1992

Ref.: DTR 10000-2.3 (SGFS N599)

1. Extended scope of TR 10000-2:

   To align with the proposed progression of TR 10000-1 the following changes have been accomodated in DTR 10000-2.3:

   a) Title change from "Taxonomy" to "Taxonomy of OSI Profiles";

   b) Inclusion of OSI-specific material which may be removed from TR 10000-1; e.g. clause 4.3 "Relationship between OSI Profiles"

   These changes nevertheless provide for maximum independence of TR 10000-2(.3) from the progression of TR 10000-1(.3).

   The Group concept, which currently is only applied to OSI lower layers, is now fully explained in TR 10000-2 and it has been requested to remove related material from TR 10000-1.

2. Common Upper Layer Requirements (CULR)

   Clause 4.5.3.2 has been added to explain CULR. CULR will not be identified with an entry in the taxonomy.

3. Registration of FVT Control Objects (SGFS N540).

   Two footnotes in TR 10000-2(.2) and in DTR 10000-2.3 have been dropped. The issue is considered resolved within SGFS.TR 10000-1 will provide general guidance.

4. Library and Manufacturing Messaging Taxonomy (SGFS N533, SGFS N573)

   Both Taxonomy requests have been considered and included.

   Liaison statement to TC46 (SGFS N614) and TC184, TC 184/SC5 (SGFS N613) ask TC46 and TC 184/SC15, respectively, to confirm their agreement for inclusion of the Taxonomy in TR 10000-2.

5. Principles clause for every Axx, Fxx and Txx (subnetwork) Taxonomy section

   For some parts of the Taxonomy such as AMH, ATP, FOD, FVT, AMM the principles are already documented or documentation could be derived from the notes in the Taxonomy (clause 5.xx) section.

The workshops are requested to review the material and fill the gaps where principles are not documented (see liaison statement SGFS N620).

Future taxonomy contributions should include documentation ot the underlying principles for substructuring the taxonomy

6. Taxonomy contributions

The contributions did not always clearly identify the degree of harmonization. Varying degree of harmonizations required to verify in SGFS Plenary that there is substantial support.

Source	Harmonization
a) AOM (SGFS N448)	all workshops
b) FOD (SGFS N449 Rev.)	all workshops
(SGFS N607)	(subsequent US reservations in SGFS N501)
c) AMH (SGFS N530)	EWOS/ETSI with OIW (SGFS N575) and AOW endorsement
d) M-Profiles (SGFS N538)	RWS-CCNM NB objection in SGFS N467
e) AMM (SGFS N533)	EWOS, OIW
f) ALD (SGFS N573)	EWOS
g) FVT (SGFS N529)	EWOS (refering to harmonizition among workshops)

SGFS action (see also attached summary)

a) AOM taxonomy extension included;
b) FOD taxonomy modification not included (see below);
c) AMH taxonomy replaced with major revision;
d) M-Profile identifier included (see below) without further details;
e) AMM taxonomy and principles of taxonomy substructure included;
f) ALD taxonomy included;
g) FVT taxonomy extended;

7. Managed Object Profile Identifier and Taxonomy concept
        (SGFS N538, N467, N592)

SGFS N467 (Japan) opposed concept of attributes to profiles; whereas SGFS N 538 (RWS-CCNM) supports Managed-object Profile attributes.

Agreement was reached to include only the Managed-object identifier "M" in clause 4.2, with a footnote refering to SGFS N615 and SGFS N538. Principles for structuring the managed-object profile identifier and the taxonomy of managed-objects are not yet included.

In document SGFS N615 NBs and LOs are asked for review and comments.
The issue is also included in the issues list (SGFS N624, item 12).

8. FOD Taxonomy / Identification of Version of Base standard within profile identifier

The modification of the FOD taxonomy, although it was harmonized among the regional workshops, could not be included in DTR 10000-2.3. The issues have been documented in SGFS N619, which will be sent to LOs and NBs for comment and clarification.

The proposed enhancement suggests modification to profile identifiers for the FOD ISPs, which are in the process of publication; e.g. FOD26 would become FOD0261. In addition, it appears that FOD0261 ("Version 1") would evolve into FOD1262 ("Version 2") with the next version of the base standards, including Image processing capabilities.

The annexed document summarizes the contributions received and their disposition.

Summary of contributions for progression of OSI Taxonomy in TR 10000-2 (SGFS N599) June 1992

The following contributions have been received and handled for DTR 10000-2.3.
Editor's comments on them and his suggestions for their disposition are appended.
In addition it is required to align with TR 10 000-1.3, specifically to include some OSI-specific material which was formerly included in TR 10000-1.

Origin (N####)	Item	Also see:	Type	Page/Line	Clause (old)	Subject	Proposal	Action
N448	AOM	N100 Rev. 4		12	5.3.5	Update AOM Taxonomy (harmonized among the three Regional Workshops)	Accepted	Accepted
N449	FOD	N100 Rev. 4		13	5.4.1	Update FOD Taxonomy (harmonized among the three Regional Workshops)	Use SGFS N449 Rev.(editorial corrections)	-
N449 Rev.	FOD			13	5.4.1	Update FOD Taxonomy (harmonized among the three Regional Workshops)	To be discussed. (Substructure modification - eg FOD26 to become FOD0261)	See below.
N501	FOD	N607				OIW reservation on Identification of Base Standard Version in Taxonomy	To be discussed Eg FOD0261 would become FOD1262 with next version of base standard, including image processing capability	Not accepted. Liaison paper SGFS N620;Resolution 15.
N467		N335 N538				Attributes to Profiles in TR 10000 Taxonomy	To be discussed	See below.
N538	M			3, 9, 14	4.2, 4.4.5, 5.4	New class of profiles MXXXX for Managed object profiles.	To be discussed.	M-Profile identifier added with footnote.Further study requested.Liaison paper SGFS N615; Resolution 15.
N523	RC			10/11	5.2.2	Revision of RC relay subnetwork identifiers (harmonized among the three Regional Workshops)	Accepted	Accepted
N524	T	N546		10	5.1.1	Term "semi-permanent" not relevant from DTE point-of-view. Use only terms "permanent" and "switched".	Accepted. Exact replacement terms (None / "Leased (Permanent))" ?) to be discussed.	Resolved Footnote added at Taxonomy entry to indicate that it includes semi-permanent
N529	FVT			13/14	5.3.4 5.4.5	Five additional FVT entries: FVT 2 1 11 to FVT 2 1 15.	Accepted	Accepted
N530 N575	AMH	N522 (UK)		11/12	5.3.2; 2; 3.1	Major revision of MHS Taxonomy. EWOS/ETSI & OIW endorsement	Accepted. Add CCITT X.435 to section 2; align abbreviations in section 3.1.	Accepted. Will also be included in second edition of TR 10000-2.
N533	AMM			8, 13	4.4.3.3 5.3.8	Manufacturing Message Specification (MMS) Taxonomy entry	To be discussed.	Accepted. Liaison statement SGFS N614 to TC46 and workshops.
N573	ALD	EWOS TA/9 2/12 7		8, 13	4.4.3.4 5.3.9	Proposed Taxonomy for Library and Documentation Applications	To be discussed.	Accepted. Liaison statement SGFS N613 to TC 184, TC184/SC5 and workshops