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

Secretariat: NNI (Netherlands)

Title : Change Request for FOD Taxonomy in TR 10000-2 (SGFS
N449) and U.S. Comments on SGFS N449.

Source : Jim Wing, Chair, OIW OSA SIG

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March 24, 1992

SGFS N607

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Re: 1) Change Request for FOD Taxonomy in TR10000-2 (SGFS N449)
2) U.S. Comments on SGFS N449 (attached)

Dear Peter and Clyde,

The OIW ODA SIG wishes to clarify the meaning of the "version number" identifier in the taxonomy structure proposed in the recent liaison to SGFS from OIW on behalf of PAGODA.

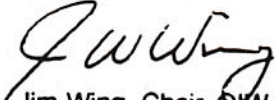
- 1) The identifier is not intended to be linked with the version number of a single individual base standard, e. g., in this case, ISO 8613.
- 2) The identifier is intended to identify a specific collection of base standard, addenda, and corrigenda upon which one or more ISPs are based.
- 3) The identifier is intended to be assigned sequentially and in a consistent manner across ISPs of different applications, such as document processing and image.
- 4) Our intention and expectations are that the identifier will not require more than one digit. Of course, expansion is possible through the use of character values {0,1,....,8,9,A,B,C,....}. However, we do not anticipate this usage because the identifier applies to the interval between revisions of the base standard.

As an example, the current base standard is ISO 8613 : 1989. An FOD026 would refer to this base standard, but none of its amendments or corrigenda. However, our current ISPs have included the base and certain corrigenda, but not Amendment 1, therefore, in our scheme, it is possible to identify this difference by using FOD0261 to indicate that fact. Also, the image ISPs will be taking advantage of Amendment 1. To identify that fact, we use FOD1262, where the last digit 2 is the revision. If the image ISPs took no advantage of Amendment 1 or preceded Amendment 1, we COULD use FOD1261. In this way we have allowed the flexibility in the taxonomy, while at the same time made it difficult to achieve by forcing a taxonomy change to accomplish version identification. As you can see, we are not attempting to pre-conceive of the versions, nor do we wish for a large number of them to occur. In a typical four year cycle, only one or two versions should ever be necessary.

March 24, 1992

One disadvantage is that the base standard's publication date is required for this to work. Our ISPs are being changed to require the publication date. Without the publication date, assumptions have to be made about the contents of the document in some cases.

Best Regards,



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U.S. Comments on *Change Request for FOD Taxonomy in TR10000-2 (SGFS N449)*

- 1) The level of support within the U.S. National Body for this proposal is unclear at this time. The concerns expressed primarily relate to the introduction of version number into the taxonomy structure. If the concern being addressed by the proposal is the need for a unique identifier, the ISP number is a more appropriate solution. SGFS should investigate the need for this version number as a subclass numerical identifier. Some of the difficulties introduced by the proposal are:
 - o The use of version number introduces the possibility that more than a single digit may be needed in some positions within the taxonomy subclass numerical identifier. The use of multiple digits for a single position will clearly introduce ambiguities.
 - o The change (rather than addition) to the existing taxonomy has implications for naming of existing documents.

The problems introduced are not unique to this particular proposal and, hence, SGFS should develop policies regarding the difficulties noted.

- 2) The following text changes are needed to correct inconsistencies in the document. Changes have been marked (by hand) in the rationale provided in Clause 2, but have not been carried through to the proposed new taxonomy text. (This oversight has been verified with the chair of the OIW ODA SIG.)

The following corrections are needed in the proposed changes to Clause 5.4.1 (page 3 of the proposal):

- * description of "0" should be "Document Processing Applications"
- * description of "1" should be "Image Applications"