Information technology — International Standardized Profile FOD26 — Open Document Format: Enhanced document structure — Character, raster graphics and geometric graphics content architectures —

Part 1:
Document Application Profile (DAP)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Profil normalisé international FOD26 — Format de document ouvert: Structure de document avancé — Architectures du contenu des caractères, des graphiques à raster et des graphiques géométriques —

Partie 1: Profil du document d'application (DAP)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standardized Profile ISO/IEC ISP 11181-1:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology.*

Page 8

In **6.2.3.2**, paragraphs 4, 5, 6, replace:

The immediate subordinates of a Passage consist of an optional arbitrary ordered sequence of one or more of the following constituent constraint types:

- Paragraph;
- BodyGeometric;
- BodyRaster;
- BodyText.

These may be optionally followed by one or more constituent constraints of the type NumberedSegment.

A Passage shall have at least one of the above constituent constraint types as a subordinate.

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by:

The immediate subordinates of a Passage consist of one of the following:

a)   a sequence of one or more constituent constraints of the type NumberedSegment.

b)   a sequence of one or more constituent constraints, each being one of the types Paragraph, BodyGeometric, BodyRaster, BodyText.

c)   a sequence of one or more constituent constraints, each being one of the types Paragraph, BodyGeometric, BodyRaster, BodyText; followed by a sequence of one or more constituent constraints of the type NumberedSegment.

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In **6.2.3.3**: 7th paragraph, 2nd sentence, replace:

In this case only one call of

by:

In this case only one class of

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In **6.2.3.7**, at the end, add the paragraph:

To achieve the normal effect of a footnote the attribute "same layout object" should be specified in a constituent constraint representing a generic Footnote specification, in order to enforce that the footnote reference in the text and item of body text to which the reference applies are not split across page boundaries.

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In **6.2.3.9**, at the end, add the paragraph:

To achieve the normal effect of a footnote the attribute "same layout object" should be specified in a constituent constraint representing a generic FootnoteBody specification, in order to enforce that the FootnoteReference and start of the FootnoteBody occur on the same page.

In **6.2.3.10**, paragraph 4, replace:

It is required to specify the attribute "layout category" with the value 'Footnote' for this constituent. This along with the attribute "permitted categories" with the value 'Footnote' on the footnote frame will ensure that this constituent is laid out in a FootnoteArea frame when generic layout structure is specified within the document.

by:

It is required that the attribute "layout category" applies to this constituent and has the value 'Footnote'. If a generic layout is specified within the document, then the attribute "permitted categories" with the value 'Footnote' is required on each FootnoteArea frame and in this case this will ensure that the content associated with the basic logical object derived from the constituent constraint FootnoteNumber is laid out in a FootnoteArea frame.

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In **6.2.3.11**, paragraph 3, replace:

It is required to specify the attribute "layout category" with the value 'Footnote' for this constituent. This along with the attribute "permitted categories" with the value 'Footnote' on the footnote frame will ensure that this constituent is laid out in a FootnoteArea frame when generic layout structure is specified within the document.

by:

It is required that the attribute "layout category" applies to this constituent and has the value 'Footnote'. If a generic layout is specified within the document, then the attribute "permitted categories" with the value 'Footnote' is required on each FootnoteArea frame and in this case this will ensure that the content associated with the basic logical object derived from the constituent constraint FootnoteText is laid out in a FootnoteArea frame.

In **6.2.4.3**, paragraph 2, replace:

PageNumber is a basic logical object class

by:

PageNumber is a constituent constraint for a basic logical object class

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In **6.2.4.4**, paragraph 2, replace:

CommonRaster is a basic logical object class

by:

CommonRaster is a constituent constraint for a basic logical object class

Page 14

In **6.3.3**, replace:

The immediate subordinates of a PageSet consist of a combination of constituent constraints of the types Page, RectoPage and VersoPage, as described in 6.3.4.1.

by:

The immediate subordinates of a PageSet consist of one of the following:

a) a sequence of one or more constituent constraints of the type Page;

b) a constituent constraint of the type Page, followed by a sequence of one or more constituent constraints of the type Page;

c) a sequence of one or more pairs of constituent constraints, each pair being either a constituent constraint of the type RectoPage followed by a constituent constraint of the type VersoPage or a constituent constraint of the type VersoPage followed by a constituent constraint of the type RectoPage;

d) a constituent constraint of the type Page, followed by a sequence of one or more pairs of constituent constraints as in c) above;

In cases c) and d) above, the sequence of pages are intended to be laid out alternately on the recto and verso (or on the verso and recto)sides of the presentation medium. The sequence (Recto, Verso) or (Verso, Recto) shall be the same for all the pairs in the PageSet.

Apart from the initial Page in cases b) and d) above, all pages in a PageSet shall have the same layout characteristics. Pages having the same layout characteristics are pages that have the same page layout (see 6.3.4.5) and for which the body area, header area (if present) and footer area (if present) have the same dimensions and positions within the page (see 6.3.4.3). Pages having the same layout characteristics do not necessarily have the same position on the presentation medium (see 6.3.4.4).

The initial Page in cases b) and d) above, is typically used at the beginning of a document or of a section within a document. It may be used, for example, for a title page whose layout requirements differ from the following pages.

Within a PageSet:

– all pages shall have the same dimensions and orientation (i.e. the same value for the attribute "dimensions" shall apply to all pages in a PageSet) (see 6.3.4.2);

– all pages shall be laid out on the same size of presentation medium (i.e. the same value for the parameter "nominal page size" of the attribute "medium type" shall apply to all pages in a PageSet) (see 6.3.4.3).

In **6.3.4.1**, delete all but the first two paragraphs

Page 15

In **6.3.4.3**, in Table 1, entry for row "Page type" ISO A5, column "ARA in BMUs", replace:

not defined

by:

6 600   x   9 240

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In **6.3.4.5.1**, paragraph 3, replace:

Also, these three areas shall be entirely contained within the page area and shall not overlap.

by:

Also, these three areas shall be entirely contained within the page area and shall not share any common areas, although adjacent edges may be coincident.

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In **6.3.5.2**, replace:

> The position and dimensions of the frame are fixed.

by:

> The position and dimensions of the frame are fixed. It is required that the attributes "position" and "dimensions" apply to the constituent.

In **6.3.5.3**, paragraphs 2 and 3, replace:

> The immediate subordinates of VariableCompositeBody frames consist of an arbitrary ordered sequence of one or more frames of the following constituent constraints:
>
> - BasicFloat;
> - SnakingColumns;
> - SynchronizedColumns.
>
> It may also contain a single frame of the type FootnoteArea.

by:

> The immediate subordinates of a VariableCompositeBody frames consist of a sequence of one or more constituent constraints, each being one of the types BasicFloat, SnakingColumns, SynchronizedColumns, followed optionally by one constituent constraint of the type FootnoteArea.

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In **6.3.5.8**, paragraph 6, replace:

> The content laid out in different ColumnFixed frames within the same SynchronizedColumns frame may be specified synchronized by using the attribute "synchronization".

by:

> The content laid out in different ColumnFixed frames within the same SynchronizedColumns frame may be specified synchronized by using the attribute "synchronization". When synchronization may be in use, the position and dimensions of the ColumnFixed frames should be aligned, so as to (potentially) cover the same region within the SynchronizedColumns frame in the direction parallel to the layout path.

In **6.3.5.8**, paragraph 7, replace:

> The sub-parameter "maximum size" shall only be specified for the right most ColumnFixed frames (relative to the page co-ordinate system) laid out in a SynchronizedColumns frame, to prevent overlapping of the frames.

by:

> The sub-parameter "maximum size" shall only be specified for that ColumnFixed frame that is closest to the left hand edge of the SynchronizedColumns frame in which it is laid out, to prevent overlapping of the frames.
>
> NOTE - For definition of left hand edge see ISO/IEC 8613-2, 3.3.3 and Figure 8.

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In **6.3.6.1**, paragraph 1, replace:

The header and footer areas consist of either basic areas or composite areas.

by:

The header and footer areas are either both basic areas or both composite areas.

In **6.3.6.2**, in paragraph 2, replace:

These types of frame have fixed position and dimensions.

by:

These types of frame have fixed position and dimensions. It is required that the attributes "position" and "dimensions" apply to the constituent.

In **6.3.6.3**, in paragraph 2, replace:

These types of frame have fixed position and dimensions.

by:

These types of frame have fixed position and dimensions. It is required that the attributes "position" and "dimensions" apply to the constituent.

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In **6.3.6.6**, paragraph 1, last sentence, replace:

This frame has a fixed position and dimensions and its layout path is equal to that of the containing header or footer area.

by:

This frame has a fixed position and fixed horizontal dimensions. The layout path is equal to that of the containing header or footer area. The vertical dimension of the frame may either be fixed or be determined from the content (using the rule-b parameter of the attribute "dimensions").

In **6.3.7**, paragraph 2, the second line, replace:

and result from the layout of basic logical objects into lowest level frames

by:

and result from the layout of the content associated with basic logical objects into lowest level frames

In **6.4**, paragraph 1, the first line, replace:

> controlling the allocation of logical constituents

by:

> controlling the allocation of content associated with logical objects

In **6.4.1**, paragraph 1, the first line, replace:

> control the allocation of constituent constituents

by:

> control the allocation of content associated with logical objects

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In **6.4.1.1**, paragraph 1, replace:

> allocating the constituent constraints associated with the body part

by:

> allocating the content associated with logical objects within the body part

In **6.4.1.1**, paragraph 3, the first line, replace:

> the logical objects derived from a particular constituent constraint in a document

by:

> the content associated with the logical objects derived from a particular constituent constraint in a document

In **6.4.1.2**, paragraph 1, the first line, replace:

> the logical objects derived from a particular constituent constraint in a document

by:

> the content associated with the logical objects derived from a particular constituent constraint in a document

In **6.4.1.2**, paragraph 1, the third line, replace:

> in which the logical objects from the immediately preceding constituent constraint is laid out

by:

> in which the content associated with the logical objects from the immediately preceding constituent constraint is laid out

In **6.4.1.2**, paragraph 3, the first line, replace:

> indicating that the constituent constraint is to be laid out

by:

> indicating that the content associated with the logical object is to be laid out

In **6.4.1.2**, paragraph 3, the third line, replace:

> specify that the constituent constraint is to be laid out

by:

> specify that the content associated with the logical object is to be laid out

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In **6.4.1.3.1**, paragraph 4 , replace:

> Note that any basic logical objects in the specific logical structure to which this attribute does not apply will be laid out only in a lowest level frame which has the implicit value of the attribute "permitted categories".

by:

> Thus when multiple streams are being handled within a document use of layout category is required. However, layout category need not be specified for all basic logical objects, any basic logical objects in the specific logical structure to which this attribute does not apply will be laid out only in a lowest level frame which has the implicit value of the attribute "permitted categories".

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In **6.4.1.4**, paragraph 1, the second line, replace:

> which indicates the particular instance of the constituent constraint of the type CommonContent is to be laid out

by:

> which indicates the content associated with the particular instance of the constituent constraint of the type CommonContent is to be laid out

In **6.4.1.4**, paragraph 1, the third line, replace:

> The basic logical constituents subordinate to CommonContent are then laid out

by:

> The content associated with the basic logical object classes subordinate to CommonContent are then laid out

In **6.4.1.4**, paragraph 2, the 4th line, replace:

> the attribute "logical source" which, as above, indicates the particular logical object of the type CommonContent that is to be laid out in that frame

by:

> the attribute "logical source" which, as above, indicates the content associated with the particular logical object class of the type CommonContent that is to be laid out in that frame

In **6.4.2.3**, paragraph 1, the first line, replace:

> whether or not a basic or composite logical object derived from a constituent constraint is allowed to be split over

by:

> whether or not the content associated with a basic or composite logical object derived from a constituent constraint is allowed to be split over

In **6.4.2.4**, replace:

> Number, Footnote, FootnoteReference, BodyText

by:

> Number, Footnote, FootnoteReference, FootnoteBody, BodyText

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In **6.4.2.6**, paragraph 1, replace:

> 'left aligned', 'right aligned' or 'centred'

by:

> 'left aligned", 'right aligned', 'centred' or 'null'

In **6.4.2.6**, at the end of paragraph 1, add:

> The value 'null' means that alignment of the content does not matter or that the intended alignment is not known, e.g. .in text imported from a source that does not indicate intended alignment.

In **6.4.2.6**, paragraph 2, replace:

> This feature may only be specified using the attribute "block alignment" for constituent constraints of the types Number, FootnoteReference, FootnoteText, PageNumber, FootnoteNumber, BodyText and CommonText, and when they contain formatted character content, BodyRaster, BodyGeometric, CommonRaster and CommonGeometric.

by:

> This feature may only be specified using the attribute "block alignment". It may be specified for any of the content architecture classes but only for constituent constraints of the types Number, FootnoteReference, FootnoteText, PageNumber, FootnoteNumber, BodyText, CommonText, BodyRaster, BodyGeometric, CommonRaster and CommonGeometric.

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In **6.4.3**, paragraph 2, the last bullet, the third line, replace:

> that a logical object derived from the constituent constraint is not to split over more than one page

by:

> that the content associated with a logical object derived from the constituent constraint is not to be split over more than one page

Page 34

In **6.5.1.2**, paragraph 3, replace:

> The content information in a content portion may be absent.

by:

> The content information in a content portion may be absent (i.e. the attribute "content information" need not be specified for a content portion).

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In **6.5.1.3**, NOTE 2, replace:

> ISO/IEC 646 (ISO IR-6)

by:

> ISO/IEC 646

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In **6.5.1.24**, replace:

> SGR - select graphic rendition (allowed parameter values: 0, 1, 2, 3, 4, 9-19, 21-24, 29);

by:

> SGR - select graphic rendition (allowed parameter values: 0, 1, 3, 4, 9-19, 21-24, 29);

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In **6.5.2.1**, replace:

> The specification in a document of a non-basic feature by a presentation or coding attribute or control function shall be indicated in the document profile.

by:

> The specification in a document of a non-basic feature by a presentation or coding attribute shall be indicated in the document profile.

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In **6.5.2.2**, paragraph 3, replace:

> The content information in a content portion may be absent.

by:

> The content information in a content portion may be absent (i.e. the attribute "content information" need not be specified for a content portion).

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In **6.5.3**, paragraph 1, replace:

> A document may contain graphic images composed of geometric graphic content encoded as CGM metafiles in accordance with ISO/IEC 8632. Each CGM figure shall consist of a single picture only. Each CGM figure may specify its minimum dimensions.

by:

> A document may contain graphic images composed of geometric graphics content, each geometric graphics content portion is encoded as a Computer Graphics Metafile (CGM) in accordance with ISO/IEC 8632. Each CGM shall consist of a single picture only. The constituent constraints of type BodyGeometric, CommonGeometric, GenericBlock and SpecificBlock may define values of the presentation attributes "picture-dimensions", "picture-orientation" and "text-rendition" applicable to geometric graphics content.

In **6.5.3** add the paragraph:

> The content information in a content portion may be absent (i.e. the attribute "content information" need not be specified for a content portion). This is to allow the representation and interchange of documents in which parts of the content may be supplied, for example, during subsequent editing.

In **6.6.1**, at end of paragraph 1, add sentence:

> Such references to a resource-document shall only be conformant to the document application profile if the constituent referenced would be valid at the point of reference had the constituent been included in the document explicitly rather than by reference.

In **6.6.1**, at end of paragraph 2, add sentence:

> Such references to a resource-document shall only be conformant to the document application profile if the constituent referenced would be valid at the point of reference had the constituent been included in the document explicitly rather than by reference.

In **6.6.2**, replace:

> Note that it is not permitted to exchange one generic structure in the interchanged document whilst referencing the other through the external document.

by:

> NOTE – As defined in CCITT Rec. T.412|ISO 8613-2, it is not permitted to exchange one generic structure in the interchanged document whilst referencing the other through the external document.

In **6.6.3**, sentence 4, replace:

> The use of border is a non-basic feature and shall be indicated in the document profile.

by:

> All values of the attribute "border" are non-basic and the values used shall be specified in the document profile.

In **6.6.3**, at end, add:

> NOTE: Although the attribute "border" shall not be specified for the constituents "Generic Block" and "Specific Block" it may apply to those constituents if they specify a reference to a presentation style that specifies the attribute "border".

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In **6.6.6.1**, at end, add:

> NOTE - The macros referred to in this subclause are defined in 7.3.1.

In **6.6.6.2**, paragraph 4. replace:

> the primary character repertoire of ISO 8859-1

by:

> ISO-IR 6

In **6.6.6.2**, line 18, replace:

> <separator-<n>

by

> separator-<n>

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In **6.6.6.2**, line 28 (line 6 on page), replace:

numbers-n bindings

by:

number-n bindings

In **6.6.6.2**, line 30 (line 8 on page), replace:

prefix and suffixes and separators

by:

prefixes and suffixes and separators

In **6.6.6.2**, line 32 (line 10 on page), replace:

binding Numberstrings-n

by:

binding numberstring-n

In, **6.6.6.3**, paragraph 3, replace:

the primary character repertoire of ISO 8859-1

by:

ISO-IR 6

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In **6.6.7**, replace:

CCITT Rec. T.411|ISO 8613-1

by:

CCITT Rec. T.410 Series|ISO 8613

In **6.6.8**, replace:

CCITT Rec. T.411|ISO 8613-1

by:

CCITT Rec. T.410 Series|ISO 8613

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In **6.7.3**, replace:

> CCITT Rec. T.411|ISO 8613-1

by:

> CCITT Rec. T.410 Series|ISO 8613

In **6.7.4.1**, replace:

> CCITT Rec. T.411|ISO 8613-1

by:

> CCITT Rec. T.410 Series|ISO 8613

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In **6.7.4.2**, replace:

> CCITT Rec. T.411|ISO 8613-1

by:

> CCITT Rec. T.410 Series|ISO 8613

In **6.7.4.3**, replace:

> CCITT Rec. T.411|ISO 8613-1

by:

> CCITT Rec. T.410 Series|ISO 8613

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In **7.1.1**, in Figure 17, replace:

> PageSetGFS

by:

> PageGFS

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In **7.1.3**, add:

> g) [Clarification]
> The notation used for construction expressions in clause 7 in general allow an empty set of subordinates. Such empty sets of subordinates shall not occur in data streams adhering to this Specification.
>
> h) [Clarification] Whenever a resource document is referenced, the classification of attributes as REQ or PERM in the generic structure is to be interpreted to specify that the attribute is required or permitted in the object class or in the referenced object class in the resource document.

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In **7.3.3.2**, replace:

    REQ   Subordinates   { SUB_ID_OF(NumberedSegment)+,
                             SUB_ID_OF(BodyText)+,
                             SUB_ID_OF(BodyRaster)+,
                             SUB_ID_OF(BodyGeometric)+,
                             SUB_ID_OF(Paragraph)+}

by:

    REQ   Subordinates   { { SUB_ID_OF(NumberedSegment) |
                               SUB_ID_OF(BodyText) |
                               SUB_ID_OF(BodyRaster) |
                               SUB_ID_OF(BodyGeometric) |
                               SUB_ID_OF(Paragraph)}...}

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In **7.3.3.3**, in line 1 of the comment, replace:

    USE NUMBERS

by:

    USENUMBERS

In **7.3.3.3**, replace:

    REQ   Subordinates   { SUB_ID_OF(Number),
                              SUB_ID_OF(NumberedSegment)+,
                              SUB_ID_OF(BodyText)+,
                              SUB_ID_OF(BodyRaster)+,
                              SUB_ID_OF(BodyGeometric)+,
                              SUB_ID_OF(Paragraph)+}

by:

    REQ   Subordinates   { SUB_ID_OF(Number.
                              { SUB_ID_OF(NumberedSegment) |
                                SUB_ID_OF(BodyText) |
                                SUB_ID_OF(BodyRaster) |
                                SUB_ID_OF(BodyGeometric) |
                                SUB_ID_OF(Paragraph)}...}

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In **7.3.3.5**, replace:

    REQ   Subordinates   { SUB_ID_OF(BodyText)+,
                             SUB_ID_OF(Footnote)+,
                             SUB_ID_OF(BodyRaster)+,
                             SUB_ID_OF(BodyGeometric)+}

by:

    REQ   Subordinates   { { SUB_ID_OF(BodyText) |
                               SUB_ID_OF(Footnote) |
                               SUB_ID_OF(BodyRaster) |
                               SUB_ID_OF(BodyGeometric)}...}

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