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Information technology — Document description and processing languages — Office Open XML File Formats —

Part 1: Fundamentals and Markup Language Reference TECHNICAL CORRIGENDUM 2

*Technologies de l'information — Description des documents et langages de traitement — Formats de fichier "Office Open XML" —
Partie 1: ...*

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 29500-1:2012 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

It contains corrections that resolve various Defect Reports submitted against ISO/IEC 29500-1:2012.

A correction can involve changes to one or more clauses or subclauses; it can even apply to multiple Parts of ISO/IEC 29500. For changes to ISO/IEC 29500-1:2012, each such change has its own entry below.

Changes are presented in ascending clause, subclause, and page number order.

This is the second Technical Corrigendum for ISO/IEC 29500-1:2012. No amendments to ISO/IEC 29500-1:2012 have been published.

ISO/IEC 29500-1:2012/Cor.2:2016(E)

Notational conventions

The title of each change is the complete reference to the clause or subclause being corrected. In all cases, the title begins with the clause or subclause number, the clause or subclause name, and the page number. In those cases containing changes to a particular row of a table, the value in that row's first column is appended to the title. As the lines in each XML schema subclause are numbered, corrections to schemas also contain the numbers of the lines being corrected.

A change can contain any one or more of the following kinds of edits:

1. Addition of text: New text is displayed in blue and is underlined, as demonstrated here.
2. Deletion of text: ~~Deleted text is displayed in red and is struck through, as demonstrated here.~~
3. Change of format of text: Text whose format (but not its content) has changed is displayed in green and is double-underlined, as demonstrated here.

Many changes involve edits to large paragraphs, tables, and/or XML fragments. In such cases, the changes contain only as much unchanged content as is necessary to establish the correct context of each change. Omitted content is identified via the use of ellipses (...).

Within a change, intent that cannot be represented visually as an edit is written as an instruction in italic and delimited by curly brackets; for example: *{In paragraph 2, item 4, and in paragraph 4, make the numbers in the text "17–23" hyperlinked forward references to Clauses 17 and 23.}*

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Introduction (For WG4 use only; will be removed from the final COR)

This Technical Corrigendum contains corrections that resolve various Defect Reports submitted against ISO/IEC 29500-1:2012.

A correction can involve changes to one or more clause or subclauses; it can even apply to multiple Parts of ISO/IEC 29500. For changes to Part 1, each such change has its own entry below, and the number of the Defect Report that lead to any particular change is written immediately following that change’s title, in the form “[DR 99-9999]”. (This information is for the use of committee ISO/IEC SC 34/WG4 only, and will be removed from the final COR. However, a committee-private version containing the DR numbers will be made available for tracking purposes.)

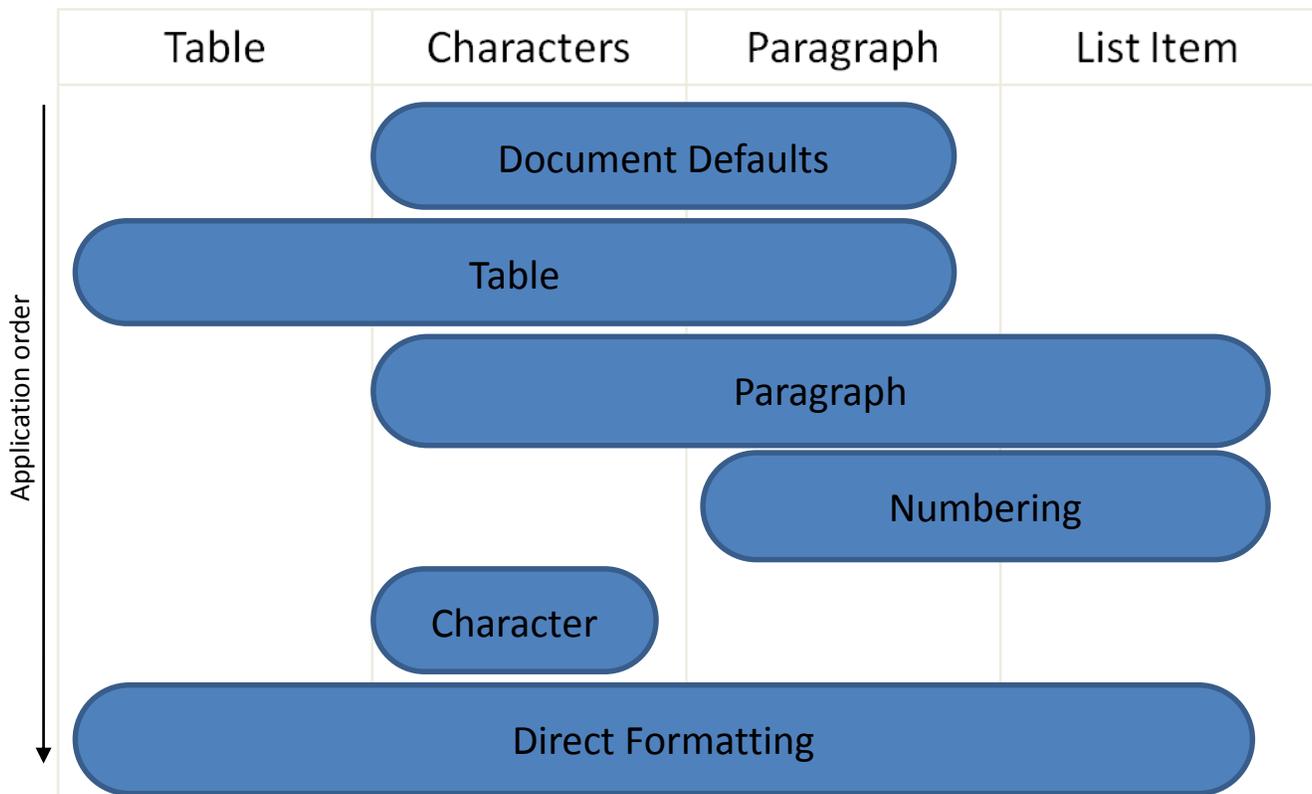
Changes are presented in ascending clause, subclause, and page number order.

Changes

1. §17.7.2, “Style Hierarchy”, p. 609

[DR 12-0005, DR 12-00025]

{Replace the existing diagram with the following one.}



2. §17.18.41, “ST_Hint (Font Type Hint)”, pp. 1,393–1,394

[DR 09-0040]

This simple type specifies information ~~the font type which shall be~~ used to decide how to format any characters in the current run for which the font type is otherwise ambiguous.

~~There are certain characters which are not explicitly stored in the document, and~~ can be mapped into multiple more than one of the font slot categories ~~of the four mentioned above~~ described in the parent element. This attribute shall be used to ~~arbitrate that conflict, and~~ determine how ambiguities in this run shall be handled. [Note: This ~~is primarily can be~~ used to handle the formatting on the paragraph mark glyph, and other characters that are not stored as text in the WordprocessingML document. Some printable characters can be mapped to more than one font slot, such as Unicode glyph U+2026 ‘HORIZONTAL ELLIPSIS’. end note]

[Example: Consider the run representing the paragraph mark glyph, which is not stored as a physical character. Since this could therefore be formatted with any of the fonts specified for the run, this ambiguity is resolved using the following WordprocessingML:

```
<w:pPr>
  <w:rPr>
    <w:rFonts w:hint="eastAsia" />
  </w:rPr>
</w:pPr>
```

The hint attribute specifies that some characters in the run ~~must use an East Asian~~ the eastAsia font ~~(theme or not, whichever is in use for East Asian text) as applied for this run~~. end example]

This simple type's contents are a restriction of the W3C XML Schema string datatype.

This simple type is restricted to the values listed in the following table:

Enumeration Value	Description
cs (Complex Script Font)	Specifies that the font hint for this text run shall be to use the Complex Script font defined on <u>for</u> the run via the style hierarchy.
default (High ANSI <u>no Font</u> font hint)	Specifies that the font <u>no</u> hint <u>shall apply for to</u> this text run shall be to use the High ANSI font defined on the run via the style hierarchy .
eastAsia (East Asian Font)	Specifies that the font hint for this text run shall be to use the East Asian font defined on <u>for</u> the run via the style hierarchy.

[Note: The W3C XML Schema definition of this simple type's content model (ST_Hint) is located in **§Error! eference source not found**.. end note]

3. §18.8.30, “numFmt (Number Format)”, p. 1,769

[DR 14-0006]

{The corresponding correction in ISO/IEC 29500-1:2012/Cor.1:2015 is incorrect, and is replaced by the following:}

...

Following is a listing of number formats whose formatCode value is implied rather than explicitly saved in the file. In this case, a numFmtId value is written on the xf record, but no corresponding numFmt element is written. Some of these Ids can be interpreted differently, depending on the UI language of the implementing application.

Ids not specified in the listing, such as 5, 6, 7, and 8, shall follow the number format specified by the formatCode attribute.

[\[Note: To maximize interoperability, implementers should restrict the content of this attribute to enumerations present in the lists below. Additional values may be used, but interoperability will only be possible via mutual agreement between implementers. end note\]](#)

[When values not present in the lists below are used, the behavior is implementation-defined.](#)

All Languages

...

4. §19.2.1.13, “font (Embedded Font Name)”, pp. 2,523–2,524

[DR 09-0037, DR 09-0055]

Font Substitution Logic:

...

[Note: Not all characters for a typeface must be stored. It is up to the generating application to determine which characters are to be stored in the corresponding font data files. end note]

[If ambiguities exist between properties in the markup of a body of text that refers to an embedded font \(such as the latin element specified in §21.1.2.3.7\) and properties in the markup of the corresponding instance of this embedded font element, the determination whether to use that embedded font is application-dependent behavior. If ambiguities exist between properties in the markup of an instance of this embedded font element and properties within the corresponding embedded Font part as specified in §15.2.13, the determination whether to use that embedded font is application-dependent behavior.](#)

Attributes	Description
<u>charset (Similar Character</u>	<u>Specifies the character set that is supported by the parent font. This</u>

Attributes	Description																								
Set)	<p>information can be used in font substitution logic to locate an appropriate substitute font when this font is not available. This information is determined by querying the font when present and shall not be modified when the font is not available.</p> <p>The value of this attribute shall be interpreted as follows:</p> <table border="1" data-bbox="500 495 1344 1850"> <thead> <tr> <th data-bbox="500 495 654 573">Value</th> <th data-bbox="654 495 1344 573">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="500 573 654 695">0x00</td> <td data-bbox="654 573 1344 695">Specifies the ANSI character set. (IANA name iso-8859-1)</td> </tr> <tr> <td data-bbox="500 695 654 772">0x01</td> <td data-bbox="654 695 1344 772">Specifies the default character set.</td> </tr> <tr> <td data-bbox="500 772 654 976">0x02</td> <td data-bbox="654 772 1344 976">Specifies the Symbol character set. This value specifies that the characters in the Unicode private use area (U+FF00 to U+FFFF) of the font should be used to display characters in the range U+0000 to U+00FF.</td> </tr> <tr> <td data-bbox="500 976 654 1098">0x4D</td> <td data-bbox="654 976 1344 1098">Specifies a Macintosh (Standard Roman) character set. (IANA name macintosh)</td> </tr> <tr> <td data-bbox="500 1098 654 1176">0x80</td> <td data-bbox="654 1098 1344 1176">Specifies the JIS character set. (IANA name shift_jis)</td> </tr> <tr> <td data-bbox="500 1176 654 1297">0x81</td> <td data-bbox="654 1176 1344 1297">Specifies the Hangul character set. (IANA name ks c 5601-1987)</td> </tr> <tr> <td data-bbox="500 1297 654 1419">0x82</td> <td data-bbox="654 1297 1344 1419">Specifies a Johab character set. (IANA name KS C-5601-1992)</td> </tr> <tr> <td data-bbox="500 1419 654 1497">0x86</td> <td data-bbox="654 1419 1344 1497">Specifies the GB-2312 character set. (IANA name GBK)</td> </tr> <tr> <td data-bbox="500 1497 654 1619">0x88</td> <td data-bbox="654 1497 1344 1619">Specifies the Chinese Big Five character set. (IANA name Big5)</td> </tr> <tr> <td data-bbox="500 1619 654 1740">0xA1</td> <td data-bbox="654 1619 1344 1740">Specifies a Greek character set. (IANA name windows-1253)</td> </tr> <tr> <td data-bbox="500 1740 654 1850">0xA2</td> <td data-bbox="654 1740 1344 1850">Specifies a Turkish character set. (IANA name iso-8859-9)</td> </tr> </tbody> </table>	Value	Description	0x00	Specifies the ANSI character set. (IANA name iso-8859-1)	0x01	Specifies the default character set.	0x02	Specifies the Symbol character set. This value specifies that the characters in the Unicode private use area (U+FF00 to U+FFFF) of the font should be used to display characters in the range U+0000 to U+00FF.	0x4D	Specifies a Macintosh (Standard Roman) character set. (IANA name macintosh)	0x80	Specifies the JIS character set. (IANA name shift_jis)	0x81	Specifies the Hangul character set. (IANA name ks c 5601-1987)	0x82	Specifies a Johab character set. (IANA name KS C-5601-1992)	0x86	Specifies the GB-2312 character set. (IANA name GBK)	0x88	Specifies the Chinese Big Five character set. (IANA name Big5)	0xA1	Specifies a Greek character set. (IANA name windows-1253)	0xA2	Specifies a Turkish character set. (IANA name iso-8859-9)
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	<table border="1"> <tr> <td data-bbox="500 239 654 365">0xA3</td> <td data-bbox="654 239 1349 365">Specifies a Vietnamese character set. (IANA name windows-1258)</td> </tr> <tr> <td data-bbox="500 365 654 491">0xB1</td> <td data-bbox="654 365 1349 491">Specifies a Hebrew character set. (IANA name windows-1255)</td> </tr> <tr> <td data-bbox="500 491 654 617">0xB2</td> <td data-bbox="654 491 1349 617">Specifies an Arabic character set. (IANA name windows-1256)</td> </tr> <tr> <td data-bbox="500 617 654 743">0xBA</td> <td data-bbox="654 617 1349 743">Specifies a Baltic character set. (IANA name windows-1257)</td> </tr> <tr> <td data-bbox="500 743 654 869">0xCC</td> <td data-bbox="654 743 1349 869">Specifies a Russian character set. (IANA name windows-1251)</td> </tr> <tr> <td data-bbox="500 869 654 995">0xDE</td> <td data-bbox="654 869 1349 995">Specifies a Thai character set. (IANA name windows-874)</td> </tr> <tr> <td data-bbox="500 995 654 1121">0xEE</td> <td data-bbox="654 995 1349 1121">Specifies an Eastern European character set. (IANA name windows-1250)</td> </tr> <tr> <td data-bbox="500 1121 654 1247">0xFF</td> <td data-bbox="654 1121 1349 1247">Specifies an OEM character set not defined by ISO/IEC 29500.</td> </tr> <tr> <td data-bbox="500 1247 654 1331">Any other value</td> <td data-bbox="654 1247 1349 1331">Application-defined, can be ignored.</td> </tr> </table> <p data-bbox="500 1360 1349 1438">The possible values for this attribute are defined by the W3C XML Schema byte datatype.</p>	0xA3	Specifies a Vietnamese character set. (IANA name windows-1258)	0xB1	Specifies a Hebrew character set. (IANA name windows-1255)	0xB2	Specifies an Arabic character set. (IANA name windows-1256)	0xBA	Specifies a Baltic character set. (IANA name windows-1257)	0xCC	Specifies a Russian character set. (IANA name windows-1251)	0xDE	Specifies a Thai character set. (IANA name windows-874)	0xEE	Specifies an Eastern European character set. (IANA name windows-1250)	0xFF	Specifies an OEM character set not defined by ISO/IEC 29500.	Any other value	Application-defined, can be ignored.
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0xFF	Specifies an OEM character set not defined by ISO/IEC 29500.																		
Any other value	Application-defined, can be ignored.																		
panose (Panose Setting)	<p data-bbox="500 1444 1349 1522">Specifies the Panose-1 classification number for the current font using the mechanism defined in §4.2.7.17 of ISO/IEC 14496-22:2007.</p> <p data-bbox="500 1549 1349 1627">The possible values for this attribute are defined by the ST_Panose simple type (§22.9.2.8).</p>																		
pitchFamily (Similar Font Family)	<p data-bbox="500 1640 1349 1717">Specifies the font pitch as well as the font family for the corresponding font.</p> <p data-bbox="500 1745 1349 1885">This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.</p>																		

Attributes	Description
	The possible values for this attribute are defined by the ST_PitchFamily simple type (§20.1.10.xx).
typeface (Text Typeface)

...

5. §20.1.10.xx, “ST_PitchFamily (Pitch Family)”, new subclause, p. xx

[DR 09-0055]

20.1.10.xx ST_PitchFamily (Pitch Family)

This simple type specifies a font pitch.

[Note: Although the type name is ST_PitchFamily, the integer value of this attribute specifies the font family with the higher 4 bits and the font pitch with the lower 4 bits. end note]

This simple type's contents are a restriction of the W3C XML Schema byte datatype.

This simple type is restricted to the values listed in the following table:

<u>Value</u>	<u>Description</u>
0x00	DEFAULT PITCH + UNKNOWN FONT FAMILY
0x01	FIXED PITCH + UNKNOWN FONT FAMILY
0x02	VARIABLE PITCH + UNKNOWN FONT FAMILY
0x10	DEFAULT PITCH + ROMAN FONT FAMILY
0x11	FIXED PITCH + ROMAN FONT FAMILY
0x12	VARIABLE PITCH + ROMAN FONT FAMILY
0x20	DEFAULT PITCH + SWISS FONT FAMILY
0x21	FIXED PITCH + SWISS FONT FAMILY
0x22	VARIABLE PITCH + SWISS FONT FAMILY
0x30	DEFAULT PITCH + MODERN FONT FAMILY
0x31	FIXED PITCH + MODERN FONT FAMILY
0x32	VARIABLE PITCH + MODERN FONT FAMILY
0x40	DEFAULT PITCH + SCRIPT FONT FAMILY
0x41	FIXED PITCH + SCRIPT FONT FAMILY
0x42	VARIABLE PITCH + SCRIPT FONT FAMILY
0x50	DEFAULT PITCH + DECORATIVE FONT FAMILY
0x51	FIXED PITCH + DECORATIVE FONT FAMILY

<u>Value</u>	<u>Description</u>
<u>0x52</u>	<u>VARIABLE PITCH + DECORATIVE FONT FAMILY</u>

[Note: The W3C XML Schema definition of this simple type's content model (ST_PitchFamily) is located in §A.3. end note]

6. §21.1.2.3.1, “cs (Complex Script Font)”, attribute pitchFamily, p. 3,220

[DR 09-0055]

Attributes	Description																																						
pitchFamily (Similar Font Family)	<p>Specifies the font pitch as well as the font family for the corresponding font. Because the value of this attribute is determined by an octet value this value shall be interpreted as follows:</p> <table border="1" data-bbox="415 390 1481 1306"> <thead> <tr> <th data-bbox="415 390 610 436">Value</th> <th data-bbox="610 390 1481 436">Description</th> </tr> </thead> <tbody> <tr><td data-bbox="415 436 610 483">0x00</td><td data-bbox="610 436 1481 483">DEFAULT PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 483 610 529">0x01</td><td data-bbox="610 483 1481 529">FIXED PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 529 610 575">0x02</td><td data-bbox="610 529 1481 575">VARIABLE PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 575 610 621">0x10</td><td data-bbox="610 575 1481 621">DEFAULT PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 621 610 667">0x11</td><td data-bbox="610 621 1481 667">FIXED PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 667 610 714">0x12</td><td data-bbox="610 667 1481 714">VARIABLE PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 714 610 760">0x20</td><td data-bbox="610 714 1481 760">DEFAULT PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 760 610 806">0x21</td><td data-bbox="610 760 1481 806">FIXED PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 806 610 852">0x22</td><td data-bbox="610 806 1481 852">VARIABLE PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 852 610 898">0x30</td><td data-bbox="610 852 1481 898">DEFAULT PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 898 610 945">0x31</td><td data-bbox="610 898 1481 945">FIXED PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 945 610 991">0x32</td><td data-bbox="610 945 1481 991">VARIABLE PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 991 610 1037">0x40</td><td data-bbox="610 991 1481 1037">DEFAULT PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1037 610 1083">0x41</td><td data-bbox="610 1037 1481 1083">FIXED PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1083 610 1129">0x42</td><td data-bbox="610 1083 1481 1129">VARIABLE PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1129 610 1176">0x50</td><td data-bbox="610 1129 1481 1176">DEFAULT PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1176 610 1222">0x51</td><td data-bbox="610 1176 1481 1222">FIXED PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1222 610 1268">0x52</td><td data-bbox="610 1222 1481 1268">VARIABLE PITCH + DECORATIVE FONT FAMILY</td></tr> </tbody> </table> <p>This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.</p> <p>{Note: Although the attribute name is pitchFamily, the integer value of this attribute specifies the font family with higher 4 bits and the font pitch with lower 4 bits. end note}</p> <p>The possible values for this attribute are defined by the ST PitchFamily simple type (§20.1.10.xx) W3C XML Schema byte datatype.</p>	Value	Description	0x00	DEFAULT PITCH + UNKNOWN FONT FAMILY	0x01	FIXED PITCH + UNKNOWN FONT FAMILY	0x02	VARIABLE PITCH + UNKNOWN FONT FAMILY	0x10	DEFAULT PITCH + ROMAN FONT FAMILY	0x11	FIXED PITCH + ROMAN FONT FAMILY	0x12	VARIABLE PITCH + ROMAN FONT FAMILY	0x20	DEFAULT PITCH + SWISS FONT FAMILY	0x21	FIXED PITCH + SWISS FONT FAMILY	0x22	VARIABLE PITCH + SWISS FONT FAMILY	0x30	DEFAULT PITCH + MODERN FONT FAMILY	0x31	FIXED PITCH + MODERN FONT FAMILY	0x32	VARIABLE PITCH + MODERN FONT FAMILY	0x40	DEFAULT PITCH + SCRIPT FONT FAMILY	0x41	FIXED PITCH + SCRIPT FONT FAMILY	0x42	VARIABLE PITCH + SCRIPT FONT FAMILY	0x50	DEFAULT PITCH + DECORATIVE FONT FAMILY	0x51	FIXED PITCH + DECORATIVE FONT FAMILY	0x52	VARIABLE PITCH + DECORATIVE FONT FAMILY
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7. §21.1.2.3.3, “ea (East Asian Font)”, attribute pitchFamily, pp. 3,227–3,228

[DR 09-0055]

Attributes	Description																																						
pitchFamily (Similar Font Family)	<p>Specifies the font pitch as well as the font family for the corresponding font. Because the value of this attribute is determined by a byte variable this value shall be interpreted as follows:</p> <table border="1" data-bbox="415 390 1482 1308"> <thead> <tr> <th data-bbox="415 390 610 436">Value</th> <th data-bbox="610 390 1482 436">Description</th> </tr> </thead> <tbody> <tr><td data-bbox="415 436 610 483">0x00</td><td data-bbox="610 436 1482 483">DEFAULT PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 483 610 529">0x01</td><td data-bbox="610 483 1482 529">FIXED PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 529 610 575">0x02</td><td data-bbox="610 529 1482 575">VARIABLE PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 575 610 621">0x10</td><td data-bbox="610 575 1482 621">DEFAULT PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 621 610 667">0x11</td><td data-bbox="610 621 1482 667">FIXED PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 667 610 714">0x12</td><td data-bbox="610 667 1482 714">VARIABLE PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 714 610 760">0x20</td><td data-bbox="610 714 1482 760">DEFAULT PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 760 610 806">0x21</td><td data-bbox="610 760 1482 806">FIXED PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 806 610 852">0x22</td><td data-bbox="610 806 1482 852">VARIABLE PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 852 610 898">0x30</td><td data-bbox="610 852 1482 898">DEFAULT PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 898 610 945">0x31</td><td data-bbox="610 898 1482 945">FIXED PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 945 610 991">0x32</td><td data-bbox="610 945 1482 991">VARIABLE PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 991 610 1037">0x40</td><td data-bbox="610 991 1482 1037">DEFAULT PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1037 610 1083">0x41</td><td data-bbox="610 1037 1482 1083">FIXED PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1083 610 1129">0x42</td><td data-bbox="610 1083 1482 1129">VARIABLE PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1129 610 1176">0x50</td><td data-bbox="610 1129 1482 1176">DEFAULT PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1176 610 1222">0x51</td><td data-bbox="610 1176 1482 1222">FIXED PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1222 610 1268">0x52</td><td data-bbox="610 1222 1482 1268">VARIABLE PITCH + DECORATIVE FONT FAMILY</td></tr> </tbody> </table> <p>This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.</p> <p>The possible values for this attribute are defined by the ST_PitchFamily simple type (§20.1.10.xx) W3C XML Schema byte datatype.</p>	Value	Description	0x00	DEFAULT PITCH + UNKNOWN FONT FAMILY	0x01	FIXED PITCH + UNKNOWN FONT FAMILY	0x02	VARIABLE PITCH + UNKNOWN FONT FAMILY	0x10	DEFAULT PITCH + ROMAN FONT FAMILY	0x11	FIXED PITCH + ROMAN FONT FAMILY	0x12	VARIABLE PITCH + ROMAN FONT FAMILY	0x20	DEFAULT PITCH + SWISS FONT FAMILY	0x21	FIXED PITCH + SWISS FONT FAMILY	0x22	VARIABLE PITCH + SWISS FONT FAMILY	0x30	DEFAULT PITCH + MODERN FONT FAMILY	0x31	FIXED PITCH + MODERN FONT FAMILY	0x32	VARIABLE PITCH + MODERN FONT FAMILY	0x40	DEFAULT PITCH + SCRIPT FONT FAMILY	0x41	FIXED PITCH + SCRIPT FONT FAMILY	0x42	VARIABLE PITCH + SCRIPT FONT FAMILY	0x50	DEFAULT PITCH + DECORATIVE FONT FAMILY	0x51	FIXED PITCH + DECORATIVE FONT FAMILY	0x52	VARIABLE PITCH + DECORATIVE FONT FAMILY
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8. §21.1.2.3.7, “latin (Latin Font)”, attribute pitchFamily, pp. 3,234–3,235

[DR 09-0055]

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pitchFamily (Similar Font Family)	<p>Specifies the font pitch as well as the font family for the corresponding font. Because the value of this attribute is determined by an octet value this value shall be interpreted as follows:</p> <table border="1" data-bbox="415 390 1481 1306"> <thead> <tr> <th data-bbox="415 390 610 436">Value</th> <th data-bbox="610 390 1481 436">Description</th> </tr> </thead> <tbody> <tr><td data-bbox="415 436 610 483">0x00</td><td data-bbox="610 436 1481 483">DEFAULT PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 483 610 529">0x01</td><td data-bbox="610 483 1481 529">FIXED PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 529 610 575">0x02</td><td data-bbox="610 529 1481 575">VARIABLE PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="415 575 610 621">0x10</td><td data-bbox="610 575 1481 621">DEFAULT PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 621 610 667">0x11</td><td data-bbox="610 621 1481 667">FIXED PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 667 610 714">0x12</td><td data-bbox="610 667 1481 714">VARIABLE PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="415 714 610 760">0x20</td><td data-bbox="610 714 1481 760">DEFAULT PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 760 610 806">0x21</td><td data-bbox="610 760 1481 806">FIXED PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 806 610 852">0x22</td><td data-bbox="610 806 1481 852">VARIABLE PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="415 852 610 898">0x30</td><td data-bbox="610 852 1481 898">DEFAULT PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 898 610 945">0x31</td><td data-bbox="610 898 1481 945">FIXED PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 945 610 991">0x32</td><td data-bbox="610 945 1481 991">VARIABLE PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="415 991 610 1037">0x40</td><td data-bbox="610 991 1481 1037">DEFAULT PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1037 610 1083">0x41</td><td data-bbox="610 1037 1481 1083">FIXED PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1083 610 1129">0x42</td><td data-bbox="610 1083 1481 1129">VARIABLE PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="415 1129 610 1176">0x50</td><td data-bbox="610 1129 1481 1176">DEFAULT PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1176 610 1222">0x51</td><td data-bbox="610 1176 1481 1222">FIXED PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="415 1222 610 1268">0x52</td><td data-bbox="610 1222 1481 1268">VARIABLE PITCH + DECORATIVE FONT FAMILY</td></tr> </tbody> </table> <p>This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.</p> <p>{Note: Although the attribute name is pitchFamily, the integer value of this attribute specifies the font family with higher 4 bits and the font pitch with lower 4 bits. end note}</p> <p>The possible values for this attribute are defined by the ST PitchFamily simple type (§20.1.10.xx) W3C XML Schema byte datatype.</p>	Value	Description	0x00	DEFAULT PITCH + UNKNOWN FONT FAMILY	0x01	FIXED PITCH + UNKNOWN FONT FAMILY	0x02	VARIABLE PITCH + UNKNOWN FONT FAMILY	0x10	DEFAULT PITCH + ROMAN FONT FAMILY	0x11	FIXED PITCH + ROMAN FONT FAMILY	0x12	VARIABLE PITCH + ROMAN FONT FAMILY	0x20	DEFAULT PITCH + SWISS FONT FAMILY	0x21	FIXED PITCH + SWISS FONT FAMILY	0x22	VARIABLE PITCH + SWISS FONT FAMILY	0x30	DEFAULT PITCH + MODERN FONT FAMILY	0x31	FIXED PITCH + MODERN FONT FAMILY	0x32	VARIABLE PITCH + MODERN FONT FAMILY	0x40	DEFAULT PITCH + SCRIPT FONT FAMILY	0x41	FIXED PITCH + SCRIPT FONT FAMILY	0x42	VARIABLE PITCH + SCRIPT FONT FAMILY	0x50	DEFAULT PITCH + DECORATIVE FONT FAMILY	0x51	FIXED PITCH + DECORATIVE FONT FAMILY	0x52	VARIABLE PITCH + DECORATIVE FONT FAMILY
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9. §21.1.2.3.10, “sym (Symbol Font)”, attribute pitchFamily, pp. 3,242–3,243

[DR 09-0055]

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pitchFamily (Similar Font Family)	<p data-bbox="412 247 1484 352">Specifies the font pitch as well as the font family for the corresponding font. Because the value of this attribute is determined by an octet value this value shall be interpreted as follows:</p> <table border="1" data-bbox="412 388 1484 1306"> <thead> <tr> <th data-bbox="412 388 610 434">Value</th> <th data-bbox="610 388 1484 434">Description</th> </tr> </thead> <tbody> <tr><td data-bbox="412 434 610 480">0x00</td><td data-bbox="610 434 1484 480">DEFAULT PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="412 480 610 527">0x01</td><td data-bbox="610 480 1484 527">FIXED PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="412 527 610 573">0x02</td><td data-bbox="610 527 1484 573">VARIABLE PITCH + UNKNOWN FONT FAMILY</td></tr> <tr><td data-bbox="412 573 610 619">0x10</td><td data-bbox="610 573 1484 619">DEFAULT PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="412 619 610 665">0x11</td><td data-bbox="610 619 1484 665">FIXED PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="412 665 610 711">0x12</td><td data-bbox="610 665 1484 711">VARIABLE PITCH + ROMAN FONT FAMILY</td></tr> <tr><td data-bbox="412 711 610 758">0x20</td><td data-bbox="610 711 1484 758">DEFAULT PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="412 758 610 804">0x21</td><td data-bbox="610 758 1484 804">FIXED PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="412 804 610 850">0x22</td><td data-bbox="610 804 1484 850">VARIABLE PITCH + SWISS FONT FAMILY</td></tr> <tr><td data-bbox="412 850 610 896">0x30</td><td data-bbox="610 850 1484 896">DEFAULT PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="412 896 610 942">0x31</td><td data-bbox="610 896 1484 942">FIXED PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="412 942 610 989">0x32</td><td data-bbox="610 942 1484 989">VARIABLE PITCH + MODERN FONT FAMILY</td></tr> <tr><td data-bbox="412 989 610 1035">0x40</td><td data-bbox="610 989 1484 1035">DEFAULT PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="412 1035 610 1081">0x41</td><td data-bbox="610 1035 1484 1081">FIXED PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="412 1081 610 1127">0x42</td><td data-bbox="610 1081 1484 1127">VARIABLE PITCH + SCRIPT FONT FAMILY</td></tr> <tr><td data-bbox="412 1127 610 1173">0x50</td><td data-bbox="610 1127 1484 1173">DEFAULT PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="412 1173 610 1220">0x51</td><td data-bbox="610 1173 1484 1220">FIXED PITCH + DECORATIVE FONT FAMILY</td></tr> <tr><td data-bbox="412 1220 610 1266">0x52</td><td data-bbox="610 1220 1484 1266">VARIABLE PITCH + DECORATIVE FONT FAMILY</td></tr> </tbody> </table> <p data-bbox="412 1346 1484 1451">This information is determined by querying the font when present and shall not be modified when the font is not available. This information can be used in font substitution logic to locate an appropriate substitute font when this font is not available.</p> <p data-bbox="412 1486 1484 1556">{Note: Although the attribute name is pitchFamily, the integer value of this attribute specifies the font family with higher 4 bits and the font pitch with lower 4 bits. end note}</p> <p data-bbox="412 1591 1484 1661">The possible values for this attribute are defined by the ST PitchFamily simple type (§20.1.10.xx) W3C XML Schema byte datatype.</p>	Value	Description	0x00	DEFAULT PITCH + UNKNOWN FONT FAMILY	0x01	FIXED PITCH + UNKNOWN FONT FAMILY	0x02	VARIABLE PITCH + UNKNOWN FONT FAMILY	0x10	DEFAULT PITCH + ROMAN FONT FAMILY	0x11	FIXED PITCH + ROMAN FONT FAMILY	0x12	VARIABLE PITCH + ROMAN FONT FAMILY	0x20	DEFAULT PITCH + SWISS FONT FAMILY	0x21	FIXED PITCH + SWISS FONT FAMILY	0x22	VARIABLE PITCH + SWISS FONT FAMILY	0x30	DEFAULT PITCH + MODERN FONT FAMILY	0x31	FIXED PITCH + MODERN FONT FAMILY	0x32	VARIABLE PITCH + MODERN FONT FAMILY	0x40	DEFAULT PITCH + SCRIPT FONT FAMILY	0x41	FIXED PITCH + SCRIPT FONT FAMILY	0x42	VARIABLE PITCH + SCRIPT FONT FAMILY	0x50	DEFAULT PITCH + DECORATIVE FONT FAMILY	0x51	FIXED PITCH + DECORATIVE FONT FAMILY	0x52	VARIABLE PITCH + DECORATIVE FONT FAMILY
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10. §21.1.2.4.6, “buFont (Specified)”, attribute pitchFamily, pp. 3,254–3,255

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