### charset (Character Set)

This element defines the font character set of this font.

This [field](field.docx) is used in font creation and [selection](selection.docx) if a font of the given facename is not available on the system. Although it is not required to have around when resolving font facename, the information can be stored for when needed to help resolve which font face to use of all available [fonts](fonts.docx) on a system.

Charset represents the basic set of characters associated with a font (that it can display), and roughly corresponds to the ANSI codepage (8-bit or DBCS) of that character set used by a given language. Given more common use of Unicode where many [fonts](fonts.docx) support more than one of the traditional charset categories, and the use of font linking, using charset to resolve font name is less and less common, but still can be useful.

These are operating-system-dependent values.

[Note: The following are some of the possible the character sets:

|  |  |
| --- | --- |
| [INT](INT.docx) Value  | Character Set |
| 0 | ANSI\_CHARSET |
| 1 | DEFAULT\_CHARSET |
| 2 | SYMBOL\_CHARSET |
| 77 | MAC\_CHARSET |
| 128 | SHIFTJIS\_CHARSET |
| 129 | HANGEUL\_CHARSET |
| 129 | HANGUL\_CHARSET |
| 130 | JOHAB\_CHARSET |
| 134 | GB2312\_CHARSET |
| 136 | CHINESEBIG5\_CHARSET |
| 161 | GREEK\_CHARSET |
| 162 | TURKISH\_CHARSET |
| 163 | VIETNAMESE\_CHARSET |
| 177 | HEBREW\_CHARSET |
| 178 | ARABIC\_CHARSET |
| 186 | BALTIC\_CHARSET |
| 204 | RUSSIAN\_CHARSET |
| 222 | THAI\_CHARSET |
| 238 | EASTEUROPE\_CHARSET |
| 255 | OEM\_CHARSET |

The OEM\_CHARSET value specifies a character set that is operating-system dependent. end note]

Fonts with other character [sets](sets.docx) may exist in the operating system. If an application uses a font with an unknown character set, it should not attempt to translate or interpret strings that are rendered with that font.

|  |
| --- |
| Parent Elements |
| font (§); [rPr](rPr.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| [val](val.docx) (Value) | The value of an integer, where each value corresponds to a different character set. Valid values are 0 to 255.The possible values for this attribute are defined by the XML [Schema](Schema.docx) int datatype. |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_IntProperty">

 <attribute [name](name.docx)="[val](val.docx)" type="xsd:int" use="required"/>

</complexType>