

This help file provides context sensitive help for Microsoft's Font properties extension.

Shows the codepages supported by the font. A codepage lists all the characters required by a specific writing system. For example the 1251 Cyrillic codepage defines a list of Cyrillic characters, and 1252 Latin 2 lists the common West European characters.

Windows makes it easy to switch between codepages, so that you can write documents in different languages. Visit the [Font properties extension Web page](#) for more information or [click here](#) to add support for additional languages.

Indicates the range of characters - as defined by the Unicode Standard version 2 - supported by this font. Unicode is divided into numeric ranges of similar characters. All of the Cyrillic characters, for example are located in the same numeric range.

For more information about Unicode, character sets and codepages visit the [Font properties extension Web page](#). Alternatively visit the [Unicode Web site](#).

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If the font manufacturer has added a description of the font it will be displayed here. In addition we have included descriptions of the most common fonts within this extension.

If the font manufacturer has added the name of the font designer it will be displayed here.

Shows this font's embedding permissions.

Applications such as Microsoft Word and Microsoft PowerPoint, allow you to embed a TrueType font into the document when the document is saved. When the document with the embedded font is opened, the application checks to see if the font is already on the system. If it is not, the font in the document is used. The manufacturer of the font can specify the level of embedding they allow.

For more information on font embedding visit the [Font properties extension Web page](#).

Indicates the point sizes at which hinting and font smoothing will take effect in this font. Because different font styles require different treatments, type manufacturers encode these sizes within each font.

For an explanation of font hinting and font smoothing, visit the [Font properties extension Web page](#).

Font smoothing was originally a feature of Microsoft Plus! for Windows 95. The feature was later built into Windows NT and Windows 98. Microsoft has made the Windows 95 font smoother available as a free download.

Visit the [Microsoft Typography Web site](#) to download the free font smoother.

Values are not set by the font manufacturer in this font. The page shows the default values built into Windows.

The font designers Web site address or e-mail address.

This will have been encoded within the font by its manufacturer. The font designer is not necessarily the same as the font vendor.

The font vendors Web site address or e-mail address.

If this hasn't been encoded within the font by its manufacturer, you may be able to search Microsoft's Typography site for information about the vendor.

The vendor is the company responsible for marketing and distributing the font, and is not necessarily the royalty owner of the original artwork.

The Microsoft Typography Web site contains the latest version of the TrueType and OpenType font specifications, free fonts and utilities, information about fonts and typography and a large, searchable collection of links to font-related people, vendors and organizations.

Displays the name of the font, including specific attributes, such as italic or bold.

Displays the name of the font family to which this font belongs.

Shows the name of the company responsible for the marketing and distribution of the font or sometimes a tool that created the font (not necessarily the royalty owner of the original artwork). This information is included by the font manufacturer. The name may be abbreviated.

Displays the font's copyright information as included by the font manufacturer. Do not assume that missing copyright information indicates a public domain font, as it is not uncommon for hackers and font-pirates to remove the copyright information contained in commercial fonts.

For more information concerning the legal issues surrounding font use, visit the [Font properties extension Web page](#).

Displays the font's trademark information set by the font manufacturer.

Displays the version number of the font, as set by the font manufacturer.

Displays the date that the font was created. The format used to display the date and time can be changed through the Regional Settings control panel. To change regional settings - [click here](#).

Zero dates and error dates may indicate improperly coded fonts. If (*) appears after Date/Time, the data may not be correct.

Indicates the date that the information in this font was last changed. The format used to display the date and time can be changed through the Regional Settings control panel. To change regional settings - [click here](#).

Zero dates and error dates may indicate problems in the font. If (*) appears after Date/Time, the data may not be correct.

Shows the number of glyphs contained in the font. Some fonts contain special glyphs that are not accessible by all applications.

For an explanation of the difference between a glyph and a character, visit the [Font properties extension Web page](#).

Displays the number of kern pairs contained in the font. A kern pair is a combination of two letters between which the amount of horizontal space has been adjusted to improve legibility. A common example of a kern pair is the letter combination A V, where the space between the letters often needs to be reduced to improve their appearance.

Indicates the presence of embedded bitmaps. In some cases where it is difficult to hint a particular glyph at a particular size a font designer may embed a predrawn bitmap for that problem character.

Displays the range of OpenType tables included in the font. OpenType tables is the name given to some additional information encoded within OpenType fonts to tell Windows how to deal with features such as alternate glyphs, glyph substitution or glyph positioning.

For more information on OpenType tables visit the [Font properties extension Web page](#).

Indicates that this font does not make use of OpenType tables layout features.

For more information on OpenType tables visit the [Font properties extension Web page](#).

OpenType tables is the name given to some additional information encoded within OpenType fonts to tell Windows how to deal with features such as alternate glyphs, glyph substitution or glyph positioning.

Shows the encoding method used for this font on the Windows platform. The most common encodings are Unicode and Symbol.

This font is an OpenType font containing Adobe Type 1 data.

This indicates that the Creation Data/Time and/or the Modified Date/Time contains questionable data. It is possible the information marked with (*) may not be correct.

If the font manufacturer has added a license description it will be displayed here.

Use this link to access additional license information provided by the font's vendor or designer.

The following font features may be indicated.

The number of glyphs contained in the font. Some fonts contain special glyphs that are not accessible by all applications.

The number of kern pairs contained in the font, and the presence of OpenType kerning information. A kern pair is a combination of two letters between which the amount of horizontal space has been adjusted to improve legibility. A common example of a kern pair is the letter combination A V, where the space between the letters often needs to be reduced to improve their appearance.

The possible presence of a euro currency symbol.

The presence of embedded bitmaps. In some cases where it is difficult to hint a particular glyph at a particular pixel size a font designer may embed a bitmap representation of that problem character.

The presence of data encoded in the Adobe CFF format.

For more information on OpenType tables visit the [Font properties extension Web page](#).

A narrative explanation of the features of this font.

