ConvexDT™ Regular

Basic Latin

! " # $ % & ' ( ) * + , - . /
0 1 2 3 4 5 6 7 8 9 : ; < = > ?
@ A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z [\ ] ^ _
` a b c d e f g h i j k l m n o
p q r s t u v w x y z { | } ~

Basic Latin:
Unicode Range 0020 – 007F

Latin – 1 Supplement

¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ - ® ¯
° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿
À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï
Ð Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß
à á â ã ä å æ ç è é ê ë ì í î ï
ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ

Latin - 1 Supplement:
Unicode Range 0080 – 00FF.
Covering common West European
languages.

Latin Extended – A

Ā ā Ă ă Ą ą Ć ć Ĉ ĉ Ċ ċ Č č Ď ď
Đ đ Ē ē Ė ė Ę ę Ě ě Ĝ ĝ Ğ ğ Ġ ġ
Ģ ģ Ĥ ĥ Ħ ħ Ī ī Į į İ ı Ĵ ĵ Ķ ķ
Ĺ ĺ Ļ ļ Ľ ľ Ł ł Ń ń Ņ ņ Ň ň Ō ō
Ő ő Œ œ Ŕ ŕ Ŗ ŗ Ř ř Ś ś Ŝ ŝ Ş ş
Š š Ţ ţ Ť ť Ū ū Ŭ ŭ Ů ů Ű ű Ų ų
Ŵ ŵ Ŷ ŷ Ÿ Ź ź Ż ż Ž ž

Latin Extended - A:
Unicode Range 0100 – 017F
Covering Central and East European
Latin based languages.

Ç ç Ş ş Ț ț fi ffi fl ffl ff

Additional Latin glyphs and ligatures.

ˆ ˜ ˘ · ˙ ˚ ˛ ˜ ˝ ¸ — —— — ' ' ‚ "
" „ † ‡ • .. ... ‹ › ™

Punctuation points and accents from Unicode 02B0 - 02FF, 2000 - 206F.

∂ ∑ ∏ ∫ √ ◊ π ∆ Ω ‰ – ∞ ≈ ≠ ≤ ≥
€ ƒ 0 1 2 3 4 5 6 7 8 9 0 1 2 3
4 5 6 7 8 9 ⅓ ⅔ ⅛ ⅜ ⅝ ⅞ — / 0 1
2 3 4 5 6 7 8 9   (fitted)

Math and figure glyphs from Unicode 2070 - 209F, 2150 - 218F, 2200 - 227F and the Private Use Area.

OpenType Overview

Key Points

OpenType is the latest font format to arrive. As an extension of the TrueType™ font format, OpenType has many benefits for the publishing industry, but also has some hidden pitfalls.

New font format.

One of the major benefits must be cross-platform compatibility. For many years the publishing industry has been split by the two main system platforms which often meant confusion and incompatibilities with fonts and character sets. OpenType is the same single font file for both platforms, and should remove many of the problems and confusions caused by previous formats.

Single cross-platform font file.

Until recently, the most characters that could be held in a single font was about 200. TrueType first broke that limit by using a new coding system based on Unicode. OpenType now carries that forward allowing for more than 65,000 glyphs *(notice the change of terminology)* in a single font.

Unicode coding of glyphs.

0141	0142	0143
Ł	ł	Ń
0170	0171	016A
Ű	ű	Ū

Fonts with Unicode coding can now support a much larger range of languages. Previously fonts had been created to a specific CodePage, giving support to a limited number of languages. Some languages *(like Chinese, Japanese, Korean)* need huge numbers of glyphs to represent the language correctly. With Unicode this is now possible.

Multi-lingual support.

Služby poskytované ohledně zákazníky zajišťují odborné využívání produktů

OpenType fonts can also have additional functions built into them to allow for the control of high quality typography. Features such as fraction building and complex class based kerning can improve the appearance of text.

Advanced typographical features.

DTP Types OpenType Fonts Overview

OpenType fonts from DTP Types Limited contain high quality data that has been developed and tested to exacting standards. The glyph data contained in the font files is CFF data, based on the proven Type1 format, and will give excellent results in all major applications. All fonts also carry the DTP Types unique digital signature, a guarantee of high quality font technology.

Additional typographical features have been added to give excellent results in applications that can handle the OpenType advanced font features. These include Fractions, Ligatures, Tabular or Proportional Numbers and class based kerning.

Extended language support for these Latin based fonts goes much further than the standard range of West European languages that were supported by other formats. Single codepage font sets are now obsolete in applications that can use Unicode based fonts.

Key Points

Digital Signature.

Font Features.
Fractions 1/3 7/8 15/16 > ⅓ ⅞ ¹⁵⁄₁₆
| *Tabular Figures* | *65981830.00* |
| *Proportional Figures* | *65981830.00* |

Language Support.

Albanian	Flemish	Portugese
Basque	French	Romanian
Catalan	German	Serbo-Croat
Croatian	Hungarian	Slovak
Czech	Icelandic	Slovenian
Danish	Italian	Spanish
Dutch	Latvian	Swedish
English	Lithuanian	Turkish
Estonian	Maltese	Welsh
Esperanto	Norwegian	and others
Finnish	Polish	

Troubleshooting OpenType Fonts.

Having things go wrong with OpenType fonts may still happen. Not all applications can handle all the features of OpenType, and some will handle the features slightly differently to other applications. To have your application gain access to all the glyphs of the font, it must be a Unicode compatible application. If it is not, it will only be able to have access to about 250 glyphs that represents the codepage of the system.

If you have created text in a non-Unicode application that has non-standard characters or was created using an unusual codepage font, you will probably not be able to retain all the characters if you want to open the text in a Unicode based application, even if the OpenType fonts you are using contain the correct glyphs. The opposite is also true, opening a unicode document on a non-Unicode application will probably loose glyphs.

Key Points

You cannot have access to all the glyphs in a OpenType font on a non-Unicode application.

Passing unusual codepage text created on a non-Unicode application to a Unicode application may be problematic.

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ConvexDT is a trademark of DTP Types Limited.

ConvexDT™ Regular

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üŸÿ　　Open Type　　　Extended Language Support

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