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Features demo using .WOFF fonts

Doulos SIL is an OpenType and Graphite-enabled font that supports the Latin and Cyrillic scripts. This page demonstrates the use of Web Open Font Format (.WOFF) fonts using Doulos SIL on a web page. A PDF showing the correct rendering — that is, what this page should look like — can be seen here.

The Doulos SIL font includes a number of optional features that provide alternative rendering that might be preferable for use in some contexts. The sections below enumerate the details of these features. Whether these features are available to users will depend on both the application and the rendering technology (Graphite or OpenType) being used. Most features are available in both Graphite and OpenType, though there may be minor differences in their implementation.

In Mozilla Firefox, with either Graphite or OpenType rendering, features can be accessed using the appropriate CSS markup. See Using SIL Fonts on Web Pages: OpenType and Graphite feature support (the technique described there works for both Graphite and OpenType).

Chrome and Safari use OpenType rendering and features can be accessed using the appropriate CSS markup.

Internet Explorer/Edge do not consistently render the features in Doulos SIL properly.

Language specific

Vietnamese-style diacritics

Affects: U+1E44 U+1E45 U+1E46 U+1E47 U+1E48 U+1E49 U+1E4A U+1E4B U+1E4E U+1E4F U+1E50 U+1E51 U+1E52 U+1E53 U+1E54 U+1E55 U+1E58 U+1E59 U+1E5C U+1E5D U+1E5E U+1E5F U+1E60 U+1E61 U+1E62 U+1E63 U+1E64 U+1E65 U+1E68 U+1E69 U+1E6C U+1E6D U+1E6E U+1E6F

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows Vietnamese-style diacritics for False and Vietnamese-style.

Chinantec tones

Affects: U+02CB U+02CC U+02CD U+02CE U+02CF

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows Chinantec tones for False and Chinantec-style.

Cyrillic²

Mongolian-style Cyrillic E

Affects: U+042D U+044D

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows Mongolian-style Cyrillic E for False and Mongolian-style.

Combining breve Cyrillic form

Affects: U+0306

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows combining breve Cyrillic form for False and Cyrillic-style.

Cyrillic shha alternate

Affects: U+04BB

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows Cyrillic shha alternate for False and Uppercase style.

Tone-related

Tone numbers

Affects: U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+02EA U+02EB U+02EC U+02ED U+02EE U+02EF U+02F0 U+02F1 U+02F2 U+02F3 U+02F4 U+02F5 U+02F6 U+02F7 U+02F8 U+02F9 U+02FA U+02FB U+02FC U+02FD U+02FE U+02FF

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows tone numbers for Bars and Numbers.

Hide tone contour staves

Affects: U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+02EA U+02EB U+02EC U+02ED U+02EE U+02EF U+02F0 U+02F1 U+02F2 U+02F3 U+02F4 U+02F5 U+02F6 U+02F7 U+02F8 U+02F9 U+02FA U+02FB U+02FC U+02FD U+02FE U+02FF

Does not seem to be working in OpenType implementations.

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows hide tone contour staves for False and True.

Miscellaneous

Literacy alternates

Affects: U+0061 U+0062 U+0063 U+0064 U+0065 U+0066 U+0067 U+0068 U+0069 U+006A U+006B U+006C U+006D U+006E U+006F U+0070 U+0071 U+0072 U+0073 U+0074 U+0075 U+0076 U+0077 U+0078 U+0079 U+007A U+007B U+007C U+007D U+007E U+007F U+0080 U+0081 U+0082 U+0083 U+0084 U+0085 U+0086 U+0087 U+0088 U+0089 U+008A U+008B U+008C U+008D U+008E U+008F U+0090 U+0091 U+0092 U+0093 U+0094 U+0095 U+0096 U+0097 U+0098 U+0099 U+009A U+009B U+009C U+009D U+009E U+009F U+00A0 U+00A1 U+00A2 U+00A3 U+00A4 U+00A5 U+00A6 U+00A7 U+00A8 U+00A9 U+00AA U+00AB U+00AC U+00AD U+00AE U+00AF U+00B0 U+00B1 U+00B2 U+00B3 U+00B4 U+00B5 U+00B6 U+00B7 U+00B8 U+00B9 U+00BA U+00BB U+00BC U+00BD U+00BE U+00BF U+00C0 U+00C1 U+00C2 U+00C3 U+00C4 U+00C5 U+00C6 U+00C7 U+00C8 U+00C9 U+00CA U+00CB U+00CC U+00CD U+00CE U+00CF U+00D0 U+00D1 U+00D2 U+00D3 U+00D4 U+00D5 U+00D6 U+00D7 U+00D8 U+00D9 U+00DA U+00DB U+00DC U+00DD U+00DE U+00DF U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+00E6 U+00E7 U+00E8 U+00E9 U+00EA U+00EB U+00EC U+00ED U+00EE U+00EF U+00F0 U+00F1 U+00F2 U+00F3 U+00F4 U+00F5 U+00F6 U+00F7 U+00F8 U+00F9 U+00FA U+00FB U+00FC U+00FD U+00FE U+00FF

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows literacy alternates for False and True.

Barred-bowl forms

Affects: U+0111 U+0180 U+01E5

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows barred-bowl forms for False and Barred-bowl.

Non-European caron alternates

Affects: U+0164 U+0165 U+010E U+010F U+013D U+013E

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows non-European caron alternates for European style and Non-European style.

Ogonek alternate

Affects: U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows ogonek alternate for Curved and Straight.

Capital B-hook alternate

Affects: U+0181

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital B-hook alternate for Uppercase style and Lowercase style.

Capital D-hook alternate

Affects: U+018A

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital D-hook alternate for Uppercase style and Lowercase style.

Rams horn alternates

Affects: U+0264

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows rams horn alternates for Small bowl, Large bowl, and Small gamma.

Capital H-stroke alternate

Affects: U+0126

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital H-stroke alternate for False and Vertical-stroke.

J-stroke hook alternate

Affects: U+0284

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows j-stroke hook alternate for No serif and Top serif.

Capital Eng alternates

Affects: U+014A

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital Eng alternates for Lowercase style with descender, Lowercase style on baseline, Uppercase style with descender, and Alt. lowercase style on baseline.

Capital N-left-hook alternate

Affects: U+019D

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital N-left-hook alternate for Uppercase style and Lowercase style.

Open-O alternate

Affects: U+0186 U+0254 U+1D10 U+1D53 U+1D97

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows open-O alternate for Bottom serif and Top serif.

Small p-hook alternate

Affects: U+01A5

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows small p-hook alternate for Left hook and Right hook.

Capital R-tail alternate

Affects: U+2C64

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital R-tail alternate for Uppercase style and Lowercase style.

Capital T-hook alternate

Affects: U+01AC

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital T-hook alternate for Left hook and Right hook.

V-hook alternates

Affects: U+01B2 U+02BB U+1DB9

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows v-hook alternates for Curved, Straight with low hook, and Straight with high hook.

Capital Y-hook alternate

Affects: U+01B3

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital Y-hook alternate for Right hook and Left hook.

Small ezh-curl alternate

Affects: U+0293

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows small ezh-curl alternate for Small bowl and Large bowl.

Capital Ezh alternates

Affects: U+0187 U+04E0

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows capital Ezh alternates for Normal and Reversed sigma.

OU alternates

Affects: U+0222 U+0223 U+1D3D U+1D15

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows OU alternates for Closed and Open.

Modifier apostrophe alternates

Affects: U+02BC U+A7BB U+A7BC

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows modifier apostrophe alternates for Small and Large.

Modifier colon alternate

Affects: U+A789

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows modifier colon alternate for Tight and Expanded.

Empty set alternates

Affects: U+2205

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows empty set alternates for Circle and Zero.

Small Caps

Affects: all lower-case letters with upper-case equivalents

Table with 5 columns: Feature, Sample, Rendering, OT Feature ID, Graphite Feature ID. Shows small caps for False and True.

Legend: G=Implemented in Graphite; O=Implemented in OpenType; T=Implemented in TypeTuner (command line version); http://scripts.sil.org/TypeTuner and web-based version: http://scripts.sil.org/ttw.

²There are also Cyrillic characters affected by the "Capital Ezh alternates" and "Small capitals" features. Some languages may also use the "Modifier apostrophe alternates."

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See the Developer page to get source code, report issues and get involved in development.

See the Latin, Cyrillic, and Greek Fonts page for further information.

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