

Lineto Type Foundry  
Technical Documentation  
Dell Replica TT Heavy Italic



Font Family — Dell Replica TT  
 Style — Heavy Italic  
 Font Format — OpenType TrueType (OpenType TTF)  
 Designer — NORM (2008)

## Glyph Map

□				!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/	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	{		
}	~		i	¢	£	¤	¥	¦	§	¨	©	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	Ā	ā	Ă	ă	Ą	ą	Ć	ć	Ĉ	ĉ	Č	č	Ď	ď	Đ	đ	Ē	ē	Ĕ	ĕ	Ė	ė	
È	é	Ě	ě	Ĝ	ĝ	Ğ	ğ	Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ	Ĩ	ĩ	Ī	ī	Ĭ	ĭ	Ĵ	ĵ	
Ķ	ķ	Ĺ	ĺ	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	
Ń	ń	Ň	ň	Ŋ	ŋ	Ō	ō	Ŏ	ö	Ŏ	ö	Œ	œ	Ř	ř	Ŕ	ŕ	Ř	ř	Ś	ś	Ŝ	ŝ	
Ş	ş	Š	š	Ť	ť	Ţ	ţ	Ŧ	ŧ	Ũ	ũ	Ū	ū	Ŭ	ŭ	Ů	ů	Ű	ű	Ų	ų	Ŵ	ŵ	
Ŷ	ŷ	Ÿ	Ž	ž	Ž	ž	Ž	ž	Ŧ	ŧ	Ũ	ũ	Ū	ū	Ŭ	ŭ	Ů	ů	Ű	ű	Ų	ų	Ŵ	ŵ
ə	ˆ	˜	˘	˙	˚	˛	˜	˜	Δ	Ω	μ	π	W	w	W	w	W	w	X	x	Y	y		
				-	—	‘	’	,	“	”	„	†	‡	♦	…	%	<	>	/	€	©	™	Ω	
←	↑	→	↓	↔	↕	↖	↗	↘	↙	∂	Δ	Π	Σ	-	/	.	√	∞	/	≈	≠	≤	≥	
◊	ff	fi	fl	ffi	ffl	i	L	l	o	1	2	3	4	5	6	7	8	9	#	\$	+	0	1	
2	3	4	5	6	7	8	9	<	=	>	~	¢	£	¤	¥	§	¬	±	×	÷	f		€	
-	o	1	2	3	4	5	6	7	8	9		(	)	-	@	[	]	-	{	}	i	«	-	
.	»	¿	-	—	♦	<	>	0	"	#	'	(	)	/	[	\	]	-	{		}	«	¬	
○	»	-	—	‘	’	,	“	”	„	<	>	←	↑	→	↓	↔	↕	↖	↗	↘	↙	a	à	
á	â	ã	ä	å	ā	ă	ą	ǎ	(	)	[	]	{	}	(	)	[	]	{		}	/	\	
/	\	—	—	ε	1	'	,	ff	ffi	ffl	fi	fl	□	■	□	■	□	■	□	■	□	■	□	■
☒	■	■	■	■																				

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## Encoded Characters

All encoded characters should be accessible with every unicode capable application.  
 For details about Unicode Blocks visit the [Unicode Website](#).

## Basic Latin

Block from 0000 to 007F

0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	0030	0031	0032	0033	0034	0035	0036	0037
	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/	0	1	2	3	4	5	6	7
0038	0039	003A	003B	003C	003D	003E	003F	0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
8	9	:	;	<	=	>	?	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F	0060	0061	0062	0063	0064	0065	0066	0067
P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_	`	a	b	c	d	e	f	g
0068	0069	006A	006B	006C	006D	006E	006F	0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	
h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	{		}	~	

## Latin-1 Supplement

Block from 0080 to 00FF

00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF	00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7
	¡	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	­	®	¯	°	±	²	³	´	µ	¶	·
00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF	00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
,	¸	¹	º	»	¼	½	¾	¿	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF	00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß	à	á	â	ã	ä	å	æ	ç
00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF	00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF
è	é	ê	ë	ì	í	î	ï	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

## Latin Extended-A

Block from 0100 to 017F

0100	0101	0102	0103	0104	0105	0106	0107	0108	0109	010A	010B	010C	010D	010E	010F	0110	0111	0112	0113	0114	0115	0116	0117
Ā	ā	Ă	ă	Ą	ą	Ć	ć	Ĉ	ĉ	Ċ	ċ	Č	č	Ď	ď	Đ	đ	Ē	ē	Ĕ	ĕ	Ė	ė
0118	0119	011A	011B	011C	011D	011E	011F	0120	0121	0122	0123	0124	0125	0126	0127	0128	0129	012A	012B	012C	012D	012E	012F
Ę	ę	Ė	ė	Ĝ	ĝ	Ğ	ğ	Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ	Ĩ	ĩ	Ī	ī	Ĵ	ĵ	Ķ	ķ
0130	0131	0132	0133	0134	0135	0136	0137	0138	0139	013A	013B	013C	013D	013E	013F	0140	0141	0142	0143	0144	0145	0146	0147
Ĭ	ĭ	Ĵ	ĵ	Ķ	ķ	ĸ	Ĺ	ĺ	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł
0148	0149	014A	014B	014C	014D	014E	014F	0150	0151	0152	0153	0154	0155	0156	0157	0158	0159	015A	015B	015C	015D	015E	015F
Ń	ń	Ń	ń	Ō	ō	Ŏ	ŏ	Ű	ű	Ų	ų	Ŵ	ŵ	Ŷ	ŷ	Ź	ź	Ŝ	ŝ	Ş	ş	Ş	ş

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0160	0161	0162	0163	0164	0165	0166	0167	0168	0169	016A	016B	016C	016D	016E	016F	0170	0171	0172	0173	0174	0175	0176	0177
Š š	Ţ ţ	Ť ť	Ʀ Ʀ	Ũ ã	Ū ū	Ŭ ŭ	Ů ů	Ű ű	Ų ų	Ŵ ŵ	Ŷ ŷ												
0178	0179	017A	017B	017C	017D	017E	017F																
Ÿ	Ž	ž	Ž	ž	Ž	ž	ƒ																

## Latin Extended-B

Block from 0180 to 024F

018F	0192	01B5	01B6	01FA	01FB	01FC	01FD	01FE	01FF	0218	0219	021A	021B
Ə	ƒ	Ʒ	Ʒ	Ǻ	ǻ	Æ	æ	Ø	ø	Ş	ş	Ţ	ţ

## IPA Extensions

Block from 0250 to 02AF

0259
ə

## Spacing Modifier Letters

Block from 02B0 to 02FF

02C6	02C7	02C9	02D8	02D9	02DA	02DB	02DC	02DD
ˆ	˘	ˉ	˙	˚	◌	◌	˜	¨

## Greek and Coptic

Block from 0370 to 03FF

0394	03A9	03BC	03C0
Δ	Ω	μ	π

## Latin Extended Additional

Block from 1E00 to 1EFF

1E80	1E81	1E82	1E83	1E84	1E85	1E8A	1E8B	1EF2	1EF3
Ẁ	ẁ	Ẃ	ẃ	Ẅ	ẅ	Ẇ	ẇ	Ỳ	ỳ

## General Punctuation

Block from 2000 to 206F

2007	2008	200B	2013	2014	2018	2019	201A	201C	201D	201E	2020	2021	2022	2026	2030	2039	203A	2044
			–	—	‘	’	,	“	”	„	†	‡	◆	…	%	<	>	/

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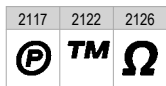
## Currency Symbols

Block from 20A0 to 20CF



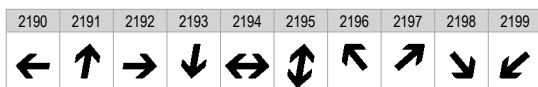
## Letterlike Symbols

Block from 2100 to 214F



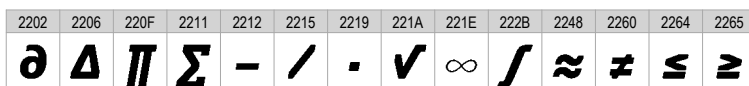
## Arrows

Block from 2190 to 21FF



## Mathematical Operators

Block from 2200 to 22FF



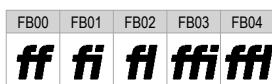
## Geometric Shapes

Block from 25A0 to 25FF



## Alphabetic Presentation Forms

Block from FB00 to FB4F



## Arabic Presentation Forms-B

Block from FE70 to FEFF



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## Unencoded Glyphs

All unencoded glyphs are accessible with OpenType layout feature capable applications.  
 For a complete list of supported OpenType layout features see the next section.

## Case-Sensitive Forms

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(	)	-	@	[	]	-	{	}	i	«	-	.	»	¿	-	—	♦	◀	▶

## Case-Sensitive Forms, Lining Figures, Tabular Figures

-	-	-	-	-	-	-	-	-	-	-
0	1	2	3	4	5	6	7	8	9	

## Standard Ligatures

-	-	-	-	-
ff	ffi	ffl	fi	fl

## Localized Forms

-	-	-
i	Ł	ł

## Old Style Figures, Proportional Figures

-	-	-	-	-	-	-	-	-	-	-
o	1	2	3	4	5	6	7	8	9	

## Ornaments

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮	▮

## Stylistic Alternates, Stylistic Set 1

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
"	#	'	(	)	/	[	\	]	-	{		}	«	¬	○	»	-	—	'	'	,	"	"
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
„	<	>	←	↑	→	↓	↔	↕	↖	↗	↘	↙											

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## Stylistic Set 2

-	-	-	-	-	-	-	-	-	-	-
<b><i>a</i></b>	<b><i>à</i></b>	<b><i>á</i></b>	<b><i>â</i></b>	<b><i>ã</i></b>	<b><i>ä</i></b>	<b><i>å</i></b>	<b><i>ā</i></b>	<b><i>ă</i></b>	<b><i>ą</i></b>	<b><i>ǎ</i></b>

## Stylistic Set 3

-	-	-	-	-	-
<b><i>(</i></b>	<b><i>)</i></b>	<b><i>[</i></b>	<b><i>]</i></b>	<b><i>{</i></b>	<b><i>}</i></b>

## Stylistic Set 4

-	-	-	-	-	-	-
<b><i>(</i></b>	<b><i>)</i></b>	<b><i>[</i></b>	<b><i>]</i></b>	<b><i>{</i></b>	<b><i> </i></b>	<b><i>}</i></b>

## Stylistic Set 5

-	-
<b><i>/</i></b>	<b><i>\</i></b>

## Stylistic Set 6

-	-
<b><i>/</i></b>	<b><i>\</i></b>

## Stylistic Set 7

-
<b><i>—</i></b>

## Stylistic Set 8

-

## Stylistic Set 9

-
<b><i>g</i></b>

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## Stylistic Set 10

-
<b>1</b>


## Tabular Figures

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>#</b>	<b>\$</b>	<b>+</b>	<b>&lt;</b>	<b>=</b>	<b>&gt;</b>	<b>~</b>	<b>¢</b>	<b>£</b>	<b>¤</b>	<b>¥</b>	<b>§</b>	<b>¬</b>	<b>±</b>	<b>×</b>	<b>÷</b>	<b><i>f</i></b>	<b>€</b>	<b>-</b>	<b>o</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>																					

## Slashed Zero

-
<b>0</b>

## Other

-	-	-	-	-	-
				<b>'</b>	<b>,</b>



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## OpenType Layout Features

For details about OpenType Layout Features see the [OpenType Layout tag registry](#).

### Substitution Features



#### Access All Alternates

This feature makes all variations of a selected character accessible.



#### Standard Ligatures

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers the ligatures which the designer/manufacture judges should be used in normal conditions.



#### Old Style Figures

This feature changes selected figures from the default lining style to oldstyle form.



#### Lining Figures

This feature changes selected figures from oldstyle to the default lining form.



#### Proportional Figures

Replaces figure glyphs set on uniform (tabular) widths with corresponding glyphs set on glyph-specific (proportional) widths.



#### Tabular Figures

Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.



#### Slashed Zero

Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.



#### Ordinals

Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.



#### Historical Forms

Some letterforms were in common use in the past, but appear anachronistic today. The best-known example is the long form of s; others would include the old Fraktur k. Some fonts include the historical forms as alternates, so they can be used for a 'period' effect.



#### Case-Sensitive Forms

Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.



#### Localized Forms

This feature enables localized forms of glyphs to be substituted for default forms.

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#### Stylistic Alternates

Many fonts contain alternate glyph designs for a purely esthetic effect; these don't always fit into a clear category like swash or historical. This feature replaces the default forms with the stylistic alternates.



#### Stylistic Set 1

Glyphs in stylistic sets may be designed to harmonise visually, interact in particular ways, or otherwise work together.



#### Stylistic Set 2



#### Stylistic Set 3



#### Stylistic Set 4



#### Stylistic Set 5



#### Stylistic Set 6



#### Stylistic Set 7



#### Stylistic Set 8



#### Stylistic Set 9



#### Stylistic Set 10



#### Stylistic Set 11



#### Ornaments

This feature gives the user access to ornament glyphs (e.g. fleurons, dingbats and border elements) in the font.

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## Positioning Features



### Capital Spacing

Globally adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and esthetics.



### Kerning

Adjusts amount of space between glyphs, generally to provide optically consistent spacing between glyphs.

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## Codepages

### MacOS

MacOS Central Europe  
MacOS Croatian  
MacOS Icelandic  
MacOS Roman

MacOS Romanian  
MacOS Turkish  
MacOS Welsh

### MS Windows

MS Windows 1250 Central European  
MS Windows 1252 Western (ANSI)

MS Windows 1254 Turkish  
MS Windows 1257 Baltic

### ISO

ISO 8859- 1 Latin 1 (Western)  
ISO 8859- 2 Latin 2 (Central Europe)  
ISO 8859- 3 Latin 3 (Tu, Malt, Gal, Esp)  
ISO 8859- 4 Latin 4 (Baltic)

ISO 8859- 9 Latin 5 (Turkish)  
ISO 8859-13 Latin 7 (Baltic 2)  
ISO 8859-15 Latin 9  
ISO 8859-16 Latin 10

### IBM

IBM 37 United States - EBCDIC (IBM-28709)  
IBM 273 Germany - EBCDIC  
IBM 277 Denmark, Norway - EBCDIC  
IBM 278 Finland, Sweden - EBCDIC  
IBM 280 Italy - EBCDIC  
IBM 284 Spain, Latin America - EBCDIC  
IBM 285 United Kingdom - EBCDIC

IBM 297 France - EBCDIC  
IBM 500 International - EBCDIC  
IBM 871 Iceland - EBCDIC  
IBM 921 Baltic  
IBM 1047 Open Systems - EBCDIC  
IBM 1112 Baltic - EBCDIC

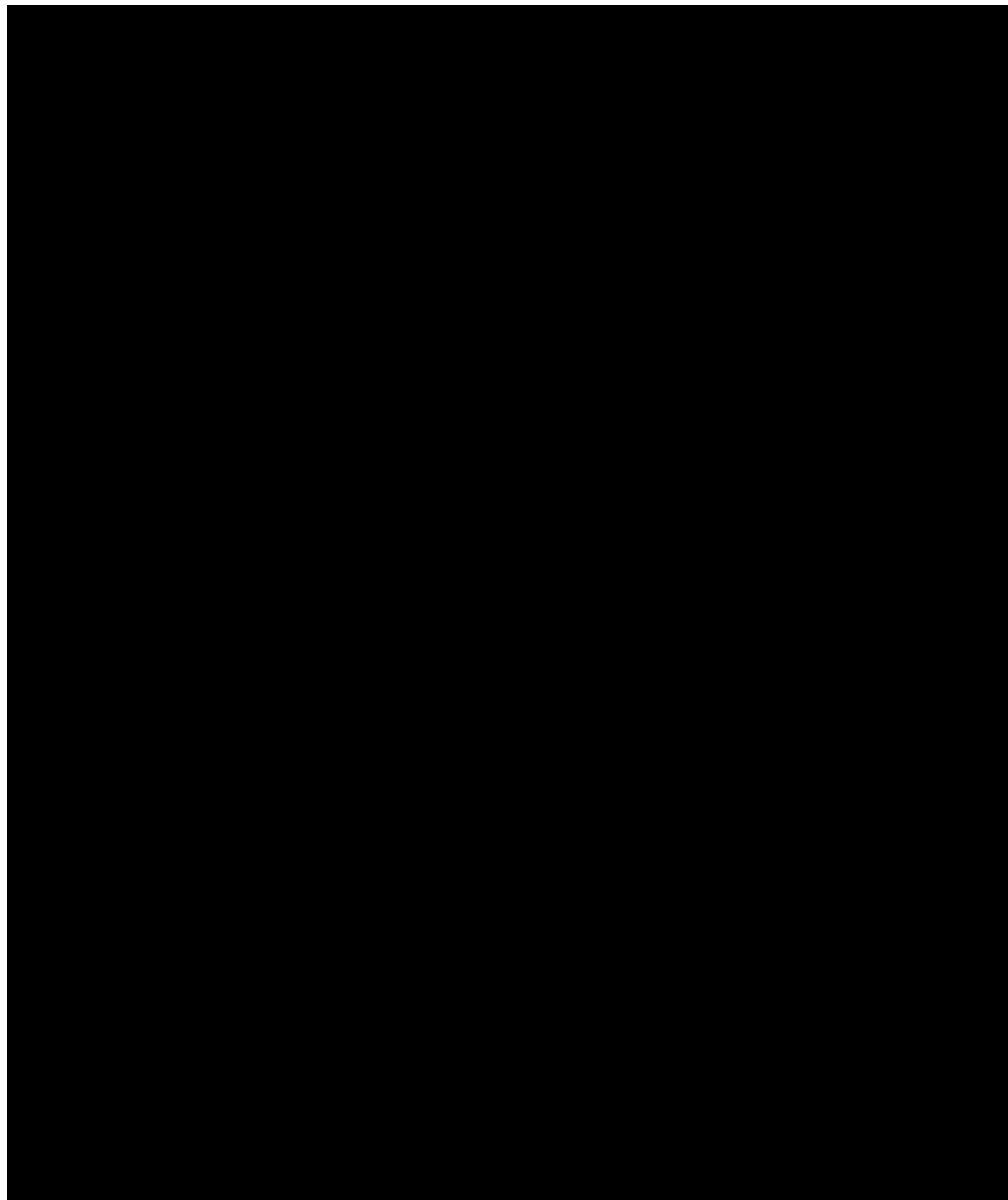
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## Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

Afar	Ga	Malagasy	Shambala
Afrikaans	Galician	Malay	Shona
Albanian	Ganda	Maltese	Sidamo
Asu	German	Manx	Slovak
Azerbaijani	German, Low	Maori	Slovenian
Basque	German, Swiss	Meru	Soga
Bemba	Gusii	Moldavian	Somali
Bena	Hungarian	Morisyen	Sorbian, Lower
Bosnian	Icelandic	Ndebele, North	Sorbian, Upper
Breton	Indonesian	Ndebele, South	Sotho, Northern
Catalan	Interlingua	Norwegian Bokmål	Sotho, Southern
Chiga	Irish	Norwegian Nynorsk	Spanish
Cornish	Italian	Nyanja	Swahili
Crimean Tatar	Jju	Nyankole	Swati
Croatian	Kabuverdianu	Occitan	Swedish
Czech	Kalaallisut	Oromo	Taita
Danish	Kalenjin	Polish	Taroko
Dutch	Kamba	Portuguese	Teso
Embu	Kikuyu	Romanian	Tsonga
English	Kinyarwanda	Romansh	Tswana
Esperanto	Koro	Rombo	Turkish
Estonian	Kurdish	Rwa	Tyap
Faroese	Latvian	Saho	Vunjo
Filipino	Lithuanian	Samburu	Welsh
Finnish	Luo	Sami Northern	Wolof
French	Luyia	Sango	Xhosa
Frisian West	Machame	Sena	Zulu
Friulian	Makonde	Serbian	

Lineto GmbH  
PO Box 461  
CH-6403 Küssnacht am Rigi / Switzerland  
General inquiries — [service@lineto.com](mailto:service@lineto.com)  
Technical inquiries — [support@lineto.com](mailto:support@lineto.com)  
Sales & licensing inquiries — [sales@lineto.com](mailto:sales@lineto.com)



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