



TIL

about font subsetting

It's Dangerous to Go Stallone. Take Glyphhanger

POSTED BY

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03/04/2018

Psst.

Hey, you.

Yeah, you.

I'm gonna tell you a secret. A well guarded and little known secret—whispered about in hallway tracks of web performance conferences around the world. A web font performance trick that will take your font loading to the next level.

Here it is—are you ready? *Smaller web fonts load faster.* I know, I know. Mind blowing stuff.

internationalisation

performance

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```
font-family: Abril Text
```

2851

```
font-family: Abril Text;  
font-variant-numeric:  
  lining-nums tabular-nums
```

2851

```
~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2
```

```
Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 48.62 KB)
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~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2 --whitelist=U+20-7E  
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Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 29.17 KB)
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U+20-7E

Subsetting Abril_Text-Regular.otf to Abril_Text_Re

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```

Terminal

Zeichenübersicht

Suchen

Häufig benutzt

Unicode

Titel

Kategorie

Emoji

Aufzähl...n/Sterne

Bildzeichen

Buchsta...Zeichen

Klammern

Lateinisch

Mathem...Symbole

Pfeile

Satzzeichen

Währungen

Unicode

Zahlen

Phoneti...Alphabet

Zahlen - Alle

Rahmensymbole

Musikali...Symbole

Unicode	Titel																Kategorie																							
00000000	Lateinische Zeichen																Lateinisch																							
00000080	Ergänzungen zu Lateinisch-1																Lateinisch																							
00000100	Lateinisch Erweitert-A																Lateinisch																							
00000180	Lateinisch Erweitert-B																Lateinisch																							
00000250	IPA-Erweiterung																IPA-Erweiterung																							
Lateinische Zeichen																																								
0000																																								
0010																																								
0020		!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/																								
0030	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?																								
0040	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O																								
0050	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_																								
0060	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o																								
0070	p	q	r	s	t	u	v	w	x	y	z	{		}	~	□																								
Ergänzungen zu Lateinisch-1																																								
0080																																								
0090																																								
00A0		¡	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	®	¯																									
00B0	°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿																								
00C0	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï																								
00D0	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß																								
00E0	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï																								
00F0	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ																								
Lateinisch Erweitert-A																																								

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~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text-Regular.otf --formats=woff2 --whitelist=U+20-7E,  
U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
```

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~/Library/Fonts/Abril \$ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2 --whitelist=U+20-FF
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Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 36.48 KB)

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U+20-7E

Subsetting Abril_Text-Regular.otf to Abril_Text_Re

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U+C4, U+D6, U+DC, U+DF, U+E4, U+F6, U+FC

U+20-7E, U+C4, U+D6, U+DC, U+DF, U+E4, U+F6, U+FC

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[illegible]

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Subsetting Abril_Text-Regular.otf to Abril_Text_Re

~/Library/Fonts/Abril $ glyphhanger --subset=Abril
U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
U+20-7E,U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
Subsetting Abril_Text-Regular.otf to Abril_Text_Re

~/Library/Fonts/Abril $ glyphhanger --subset=Abril
U+20-FF
Subsetting Abril_Text-Regular.otf to Abril_Text_Re

~/Library/Fonts/Abril $ glyphhanger --subset=Abril
U+20-17F
Subsetting Abril_Text-Regular.otf to Abril_Text_Re

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```

[illegible]

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U+20-7E,U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
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~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2 --whitelist=U+20-17F  
,U+2010-2015,U+2018-201A,U+2026,U+2030,U+2032-2034,U+2070-2079,U+2080-2089,U+20AC,U+2150-215F
```

```
U+20-7E,U+2010-2015,U+2018-201A,U+2026,U+2030,U+2032-2034,U+2070-2079,U+2080-2089,U+20AC,U+2150-215F
```

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Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 45.1 KB)
```

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~/Library/Fonts/Abril $
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~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2 --whitelist=U+20-7E
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U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
U+20-7E,U+C4,U+D6,U+DC,U+DF,U+E4,U+F6,U+FC
Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 29.95 KB)

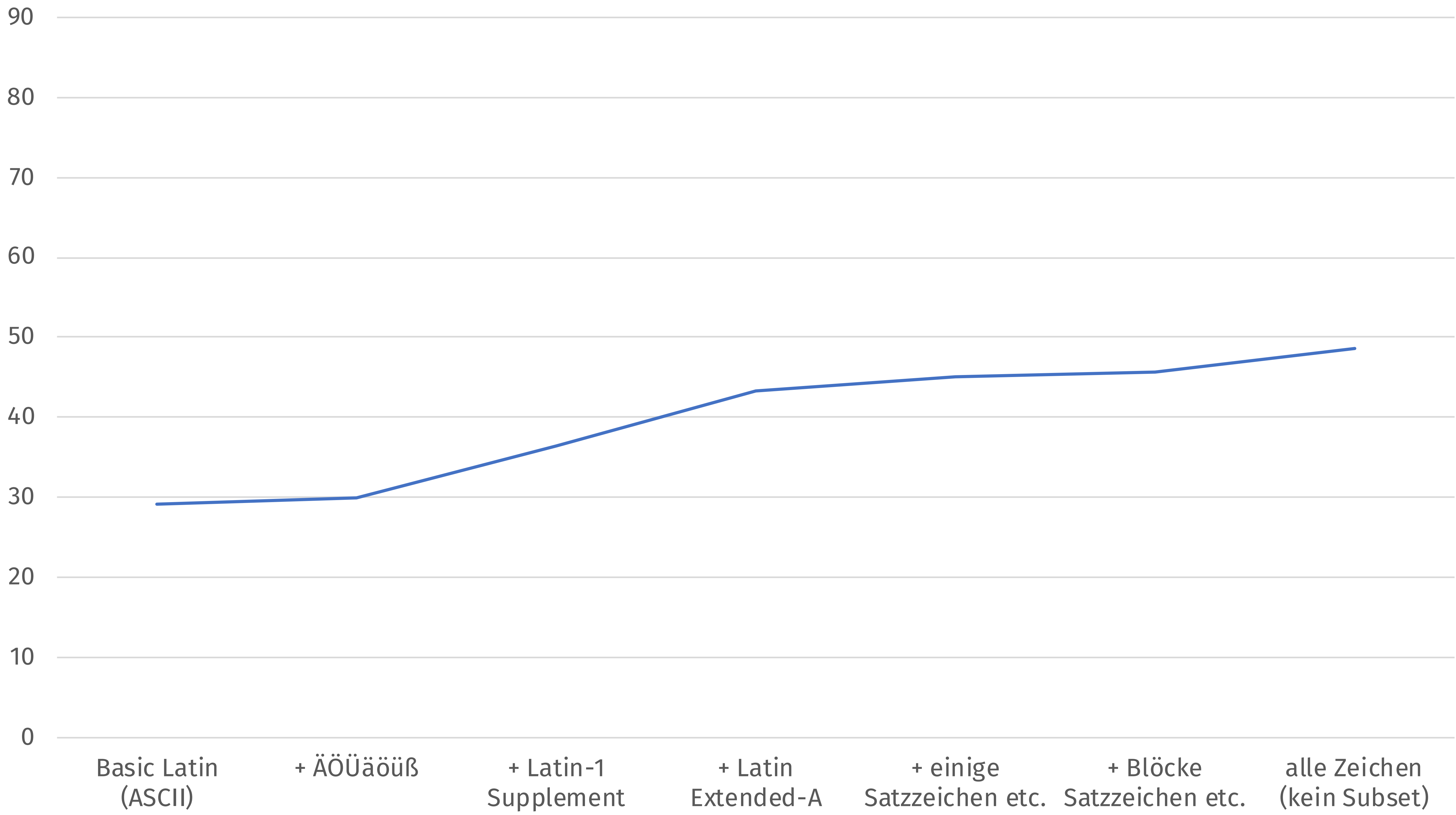
~/Library/Fonts/Abril $ glyphhanger --subset=Abril_Text_Regular.otf --formats=woff2 --whitelist=U+20-FF
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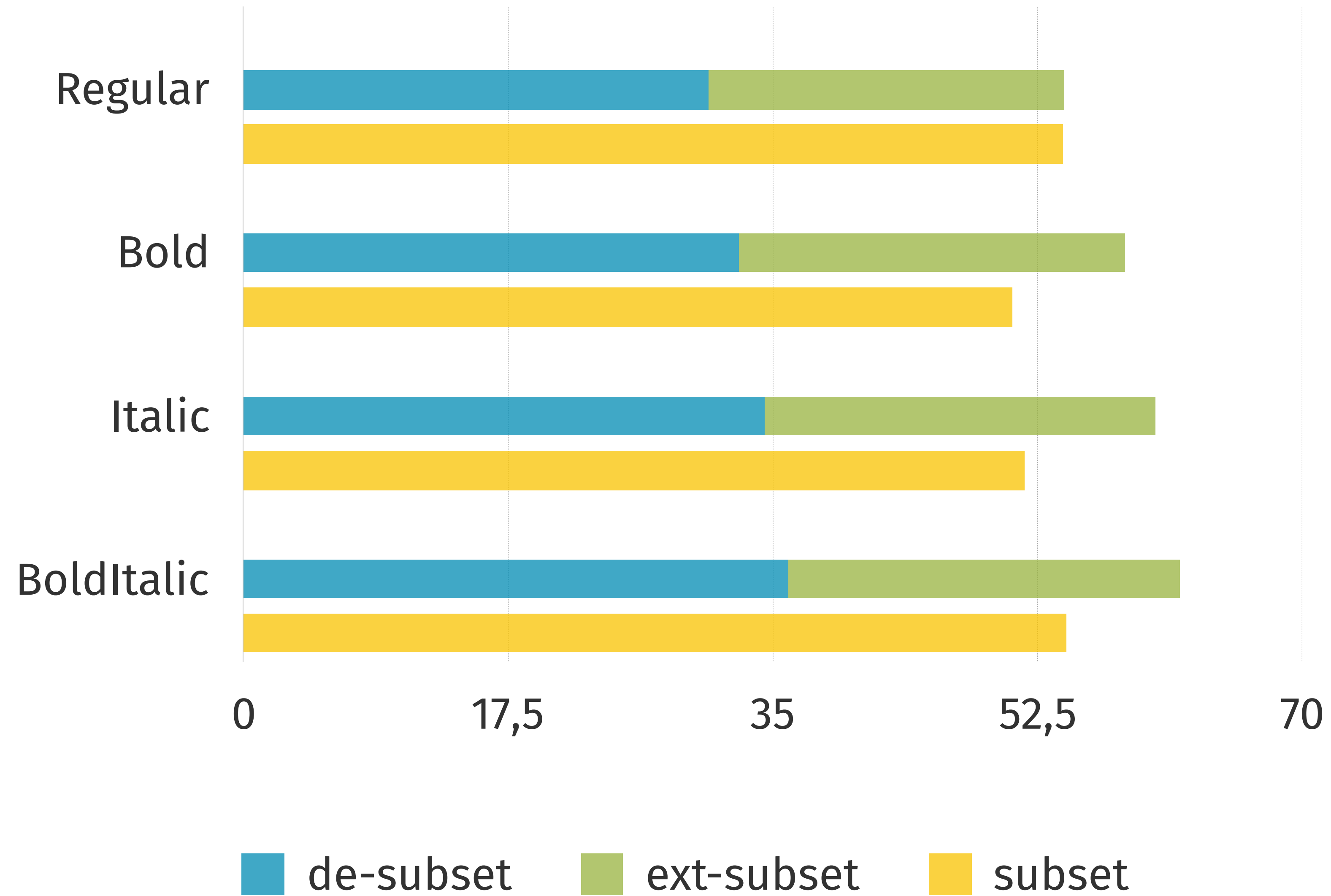
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U+20-7E,U+2000-20BF,U+2150-215F
Subsetting Abril_Text_Regular.otf to Abril_Text_Regular-subset.woff2 (was 133.95 KB, now 45.7 KB)

~/Library/Fonts/Abril $
```







Das Portal der Berliner Stadtbibliothek in der Breiten Straße 32–34 in Berlin-Mitte. Es zeigt Stahlplatten mit 117 Variationen des Buchstaben A, geschaffen 1965 von Fritz Kühn. Foto: Jörg Zägel, CC BY-SA 3.0