

# JuliaMono – a monospaced font for scientific and technical writing

Herbert Voß

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## 1 Introduction

The typeface was introduced at the 2020 Julia Programming Language conference, JuliaCon as my contribution to the festivities. [1]

## 2 The font files

The font files are copyright by the »JuliaMono Project Authors« (<https://github.com/cormullion/juliamono>) with an OFL license »This Font Software is licensed under the SIL Open Font License, Version 1.1. This license is available with a FAQ at <https://scripts.sil.org/OFL>.



```
voss>juliamono:$ luafindfont juliamono
No.      Filename      Symbolic      Path
1.      JuliaMono-Black.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
2.      JuliaMono-BlackItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
3.      JuliaMono-Bold.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
4.      JuliaMono-BoldItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
5.      JuliaMono-ExtraBold.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
6.      JuliaMono-ExtraBoldItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
7.      JuliaMono-Light.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
8.      JuliaMono-LightItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
9.      JuliaMono-Medium.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
10.     JuliaMono-MediumItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
11.     JuliaMono-Regular.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
12.     JuliaMono-RegularItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
13.     JuliaMono-SemiBold.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
14.     JuliaMono-SemiBoldItalic.ttf juliamono /Users/voss/Library/Fonts/JuliaMono/
```

The package `juliamono` supports only the typewriter family with specific optional arguments:

<i>name</i>	<i>value</i>	<i>meaning</i>
TT	code	options for DejaVu Sans Mono
DefaultFeatures	code	for all font styles

The fonts are preset with `Scale=0.92`. For this documentation we use instead:

```
\usepackage[Scale=0.88,FakeStretch=0.9]{juliamono}
```

### 3 Font examples

### 3.1 JuliaMono Light

(Bold)

abcdefghijklmnoprstuvwxyzáéóùèòúçå 12345  
ABCDEFGHIJKLMNPQRSTUVWXYZÁÉÓÙÈÒÚÇÅ 67890  
{ } [ ] ( ) < > \$ \* - + = / % @ & | ~ ? ! ' , . ; : !  
„ i “ ¶ [ ] # £ ‘ « € @ † Ω ” ø π • ± å , ∂ f @ æ ç √ / μ

( 7 )

۱۷۰

### 3.2 JuliaMono Regular

(Bold)

abcdefghijklmnoprstuvwxyzáéóùàèòúçå 12345  
ABCDEFGHIJKLMNPQRSTUVWXYZÁÉÓÙÀÈÒÚÇÅ 67890

{[]}()  
„i“¶c[]|≠ξ'«Σ€Ο†Ω»øπ ø±å,∂føøøΔøæç√/μ  
¬“fffi.¬¬».% „^ÄÛØ[]ø'ÆEfL 1ØIÍÍøÍAø‡ÙCøø^.-

(Italic)

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345

***(BoldItalic)***

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345

ABCDEFGHIJKLMNPQRSTUVWXYZÁÉÓÚÀÈÓÚÇÂ 67890  
{ } [ ] ( ) < > \$ \* - + = / - % ^ @ & | ~ ? ' ' , ; : !  
„ i “ ¶ [ ] ≠ ð ‘ „ £ € ° † Q ° “ ø π • ± á , ð f ° g ° Δ @ æ ç √ / μ  
„ “ £ f i . “ “ ” „ % „ “ Á Ù Ø P ° “ ’ È E f l „ I Ø I Ì “ I Á g Ù C Ø „ “ “

### 3.3 JuliaMono Medium

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
ABCDEFGHIJKLMNPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
{ } [ ] ( ) <> \$ \* - + = / \_ % ^ @ & | ~ ? " ' , . ; : !  
„i“ ¶ [ ] ≠ ' „Σ€©TZ“ Øøπ •±å, ðƒø³ºΔ@œæç√μ  
„-“ ff. i. -.-» „‰ „ ÁÛØÍØÍØ’ÆŒfl 1ØÍÍÍÍÁ‡ÛCØØ „-

**(Bold)**

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345

ABCDEFGHIJKLMNPQRSTUVWXYZÁÉÓÚÀÈÓÚÇÁ 67890  
{ } [ ] ( ) < > \$ \* - + = / \_ % ^ @ & | ~ ? ' ' , ; : !  
„i“¶¢[ ] ≠ ‘ ‘Σ€€†Ω’ ‘øπ •±å, ðfçø²ºΔ@øæçç/μ  
„-“ffí. - - - » „% „ “ÁÛØ||ø’ ‘ÆŒfl 1ØÍÍÍÍÍÁ≥øÙÇØØ Ø -

(Italic)

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345

*(BoldItalic)*

*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

### 3.4 JuliaMono SemiBold

*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(Bold)**  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

*(Italic)*  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(BoldItalic)**  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

### 3.5 JuliaMono Black

*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(Bold)**  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

*(Italic)*  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(BoldItalic)**  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

### 3.6 JuliaMono ExtraBold

*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(ExtraBold)**  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

*(Italic)*  
*abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶f[ ]|≠'«Σ€ø†Ω”/øπ •±å,ðfø⁹⁰Δ@œæç/;/μ  
 “¬ffí. -°°»,‰, “ÁÙØΠ°•’ÆEfL iÓÌÍ™ÍÀ≥‡Ùçø„÷-*

**(BoldItalic)**

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶¢[]|≠‘’«Σ€ø†Ω”›øπ •±å,ðfø⁹⁹Δ@œæç/ſμ  
 “¬”ffí. -°°»,‰, “ÁÛØΠ°•’ÆŒfl iÓÌÍ™ÍÅ≥‡Ùç◊○ؒ،÷-

### 3.7 JuliaMono Black

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶¢[]|≠‘’«Σ€ø†Ω”›øπ •±å,ðfø⁹⁹Δ@œæç/ſμ  
 “¬”ffí. -°°»,‰, “ÁÛØΠ°•’ÆŒfl iÓÌÍ™ÍÅ≥‡Ùç◊○ؒ،÷-

**(Bold)**

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶¢[]|≠‘’«Σ€ø†Ω”›øπ •±å,ðfø⁹⁹Δ@œæç/ſμ  
 “¬”ffí. -°°»,‰, “ÁÛØΠ°•’ÆŒfl iÓÌÍ™ÍÅ≥‡Ùç◊○ؒ،÷-

*(Italic)*

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶¢[]|≠‘’«Σ€ø†Ω”›øπ •±å,ðfø⁹⁹Δ@œæç/ſμ  
 “¬”ffí. -°°»,‰, “ÁÛØΠ°•’ÆŒfl iÓÌÍ™ÍÅ≥‡Ùç◊○ؒ،÷-

**(BoldItalic)**

abcdefghijklmnoprstuvwxyzáéóúàèòùçå 12345  
 ABCDEFGHIJKLMNOPQRSTUVWXYZÁÉÓÚÀÈÒÙÇÅ 67890  
 {}[]()<>\$\*-+=/\_%^@&|~?'''',.;::!  
 „i “¶¢[]|≠‘’«Σ€ø†Ω”›øπ •±å,ðfø⁹⁹Δ@œæç/ſμ  
 “¬”ffí. -°°»,‰, “ÁÛØΠ°•’ÆŒfl iÓÌÍ™ÍÅ≥‡Ùç◊○ؒ،÷-

The vertical rule shows that the complete tanular is set in the typewriter font.

Ancient Greek	Ἄδηπθ', ὁρᾶς γὰρ τάμα πράγμαθ' ὡς ἔχει, λέξαι θέλω σοι πρὸν θανεῖν ἀβούλομαι.
Armenian	Իմ օղարիոք լի է օճախերով
Bulgarian	Я, пазачът Валъо уж бди, а скришом хапва кюфтенца зад щайгите.
Catalan	«Dóna amor que seràs feliç!». Això, il·lus company geniüt, ja és un lluït rètol blavís d'onze kWh.
Czech	Zvlášť zákeňy učeň s dôlžkou běží podél zóny úlu
Danish	Quizdeltagerne spiste jordbær med fløde, mens cirkusklovnnen Walther spillede på xylofon.
English	Sphinx of black quartz, judge my vow.
Estonian	Põdur Zagrebi tšellomängija-fölljetonist Ciqo külmetas kehvas garaažis
Finnish	Charles Darwin jammaili Åken hevixylofonilla Qatarin yöpub Zeligissä.
French	Voix ambiguë d'un cœur qui au zéphyr préfère les jattes de kiwi.
Georgian	სწრაფი ყავისფერი მეღდა ახტება ზარმაც ძაღლს.
German	Victor jagt zwölf Boxkämpfer quer über den großen Sylter Deich.
Greek	Ταχίστη αλώπηξ βαφής ψημένη γη, δρασκελίζει υπέρ νωθρού κυνός.
Guarani	Hilandaguá kuñanguéra oho peteī sa'yju ypa'ūme Gavōme ombo'e hağ ua ingóleñe'ē mitānguérare ne'ēndy'ŷ.
Hungarian	Jó foxim és don Quijote húszwattos lámpánál ülve egy pár bűvös cipőt készít.
IPA	[gʷʰnas.dɔ:n.kʰljɑ] [jan.n̩zi wo.ç̩i uen.χwa]
Icelandic	Kæmi ný öxi hér, ykist þjófum nú bæði víl og ádrepa.
Irish	Čuaig bé mórsáć le dlúitspád fíorfinn trí hata mo dea-þorcáin big.
Latvian	Muļķa hipiji mēģina brīvi nogaršot celofāna žņaudzējčūsku.
Lithuanian	Įlinkdama fechtuotojo špagina sublykčiojusi pragrėžę apvalų arbūzą.
Macedonian	Сидарски пејзаж: шугав билmez со чудење ұвака қофте и кељ на туѓ цех.
Norwegian	Jeg begynte å fortære en sandwich mens jeg kjørte taxi på vei til quiz
Polish	Pchnąć w tę łódź jeża lub ósm skrzyń fig.
Portuguese	Luís argüia à Júlia que «brações, fé, chá, óxido, pôr, zângão» eram palavras do português.
Romanian	Înjurând rițigăiat, zoofobul comandă vexat whisky și tequila.
Russian	Широкая электрификация южных губерний даст мощный толчок подъёму сельского хозяйства.
Scottish	Mus d'fhàg Cèit-Ùna ròp i le ob.
Serbian	Ајшо, лепото и чежњо, за љубав срца мога доји у Ханиће на кафу.
Spanish	Benjamín pidió una bebida de kiwi y fresa; Noé, sin vergüenza, la más champs del menú.
Swedish	Flygande bäckasiner söka hwila på mjuka tuvor.
Turkish	Pijamalı hasta yağız şoföre çabucak güvendi.
Ukrainian	Чуєш іх, доцю, га? Кумедна ж ти, прощайся без ғольфів!

## 4 Contextual and stylistic alternates (»ligatures«)

### 4.1 Ligatures

The ligatures with a double dash are only possible, if the  $\text{\TeX}$  ligatures are disable, which is done by the package by default.

<i>In</i>	<i>Out</i>
$\rightarrow$	$\rightarrow$
$=>$	$\Rightarrow$
$ >$	$\triangleright$
$< $	$\triangleleft$
$::$	$::$
$<-$	$\leftarrow$
$->$	$\rightarrow$
$<->$	$\leftrightarrow$

There are two commands to set and unset this behaviour. With  $\text{\JuliaUnsetCalt}$  the ligatures are reset to the ones from  $\text{\TeX}$ , e.g. ---:

$\rightarrow \rightarrow = > -$ ( $\text{\TeX}$ -active)
$\rightarrow \rightarrow \Rightarrow ---$ ( $\text{\TeX}$ -inactive)

```

1 \ttfamily \JuliaUnsetCalt
2 -> --> => --- (\TeX-active)
3
4 \JuliaSetCalt
5 -> --> => --- (\TeX-inactive)

```

### 4.2 Stylistic Alternatives

#### 4.2.1 Slashed Zero

By default the zero has a slash instead of a dot:

$\theta \ 0$

It can be reset to the dot with the package option `zero=false` or inside the document with

`\addfontfeature{RawFeature=-zero}`

#### 4.2.2 Stylistic Sets

It can be set by the two macros `\Lss{number}{text}` and `\LSS<number>`. The first one has an argument which will be set locally with the given number and the second one works like a switch. It is global to the current group.

<i>no</i>	<i>Default</i>	<i>Alt</i>
01	g	g not for italic

02	@	@
03	Jj	Jj
04	ø	ø
05	*	* lighter asterisk
06	a	a not for italic
07	`	` smaller grave
08	→	→ distinct ligatures
09	f	f
10	r	r
11	`	` thinner grave
12	====	===== joining equals
13	<!--	--> HTML comment
14	==	= double equals
15	ABC...	ABC... Math Script Roundhand
16	()[]{}()	( )[]{} smaller parentheses etc.
17	.:::	■ quadrants replace Braille dots
18	ABC...	ABC... Ball-point pen math script
20	(_-)	(_) splashtidy

#### 4.2.3 Character Variations

It can be set by the two macros `\Lcv{number}{text}` and `\LCV<number>`. The first one has an argument which will be set locally with the given number and the second one works like a switch. It is global to the current group.

no	Default	Var
01	3	3
02	7	7
03	~	~ alternate ASCII tilde
04	l	l alternate l

## References

- [1] Cormullion. *JuliaMono – a monospaced font for scientific and technical computing*. May 3, 2025. URL: <https://juliamono.netlify.app> (visited on 05/10/2025).

## 5 The font list of JuliaMono

Table 4: JuliaMono-Regular.ttf

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+03E0-03EF	Ճ	Ճ	Շ	Շ	Վ	Վ	Ւ	Ւ	Տ	Տ	Ճ	Ճ	Ծ	Ծ	Ւ	Ւ
U+03F0-03FF	Կ	Ջ	Ը	Ջ	Թ	Ե	Է	Բ	Ե	Ը	Մ	Մ	Ջ	Ը	Ը	Ը
<b>Cyrillic</b>																
U+0400-040F	Ѐ	Ӷ	Ӯ	Ӱ	Ӳ	Ӵ	ӵ	ӷ	ӹ	ӻ	Ӽ	ӽ	ӿ	Ӻ	ӻ	Ӽ
U+0410-041F	Ӑ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ
U+0420-042F	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ
U+0430-043F	Ӑ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ	Ӗ
U+0440-044F	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ	Ҫ
U+0450-045F	Ӭ	ӭ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0460-046F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0470-047F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0480-048F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0490-049F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04A0-04AF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04B0-04BF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04C0-04CF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04D0-04DF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04E0-04EF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+04F0-04FF	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0500-050F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0510-051F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
U+0520-052F	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ	Ӯ
<b>Armenian</b>																
U+0530-053F	-	Ա	Բ	Գ	Դ	Ե	Զ	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը
U+0540-054F	Հ	Ձ	Ղ	Մ	Յ	Ն	Ն	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը
U+0550-055F	Ր	Ց	Ւ	Փ	Ք	Օ	Ֆ	-	-	-	-	-	-	-	-	-
U+0560-056F	Թ	Ռ	Բ	Գ	Դ	Ե	Զ	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը	Ը
U+0570-057F	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ	Ծ
U+0580-058F	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր	Ր
<b>Hebrew</b>																
U+0590-059F	-	ְ	ֱ	ֲ	ֳ	ִ	ֵ	ֶ	ַ	ָ	ֹ	ֺ	ֻ	ֻ	ֻ	ֻ
U+05A0-05AF	ְ	ֱ	ֲ	ֳ	ִ	ֵ	ֶ	ַ	ָ	ֹ	ֺ	ֻ	ֻ	ֻ	ֻ	ֻ
U+05B0-05BF	ְ	ֱ	ֲ	ֳ	ִ	ֵ	ֶ	ַ	ָ	ֹ	ֺ	ֻ	ֻ	ֻ	ֻ	ֻ
U+05C0-05CF	ְ	ֱ	ֲ	ֳ	ִ	ֵ	ֶ	ַ	ָ	ֹ	ֺ	ֻ	ֻ	ֻ	ֻ	ֻ
U+05D0-05DF	ְ	ֱ	ֲ	ֳ	ִ	ֵ	ֶ	ַ	ָ	ֹ	ֺ	ֻ	ֻ	ֻ	ֻ	ֻ

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+1590-159F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15A0-15AF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15B0-15BF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15C0-15CF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15D0-15DF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15E0-15EF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+15F0-15FF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1600-160F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1610-161F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1620-162F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1630-163F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1640-164F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1650-165F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1660-166F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1670-167F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚

**Ogham**

U+1680-168F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+1690-169F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚

**Runic**

U+16A0-16AF	ᚠ	ᚢ	ᚦ	ᚧ	ᚩ	ᚪ	ᚫ	ᚬ	ᚭ	ᚮ	ᚯ	ᚰ	ᚱ	ᚲ	ᚳ	ᚴ
U+16B0-16BF	ᚻ	ᚼ	ᚹ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ	ᚻ
U+16C0-16CF	ᚻ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ
U+16D0-16DF	ᚻ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ
U+16E0-16EF	ᚻ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ
U+16F0-16FF	ᚻ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ	ᚿ

**Mongolian**

U+18B0-18BF	ᠶ	ᠷ	ᠸ	ᠹ	ᠺ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ
U+18C0-18CF	ᠶ	ᠷ	ᠸ	ᠹ	ᠺ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ
U+18D0-18DF	ᠶ	ᠷ	ᠸ	ᠹ	ᠺ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ
U+18E0-18EF	ᠶ	ᠷ	ᠸ	ᠹ	ᠺ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ
U+18F0-18FF	ᠶ	ᠷ	ᠸ	ᠹ	ᠺ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ	ᠻ

**Buginese**

U+1AB0-1ABF	߂	߃	߄	߅	߆	߇	߈	߉	ߊ	ߋ	ߌ	ߍ	ߎ	ߏ	ߐ	ߑ
	߂	߃	߄	߅	߆	߇	߈	߉	ߊ	ߋ	ߌ	ߍ	ߎ	ߏ	ߐ	ߑ

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+1E90-1E9F	Ź	ߵ	߶	߷	߸	߹	ߺ	߻	߼	߾	߿	߿	߿	߿	߿
U+1EA0-1EAF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1EB0-1EBF	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻
U+1EC0-1ECF	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻
U+1ED0-1EDF	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻
U+1EE0-1EEF	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻
U+1EF0-1EFF	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻	߻

**Greek Extended**

U+1F00-1F0F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F10-1F1F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F20-1F2F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F30-1F3F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F40-1F4F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F50-1F5F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F60-1F6F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F70-1F7F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F80-1F8F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1F90-1F9F	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FA0-1FAF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FB0-1FBF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FC0-1FCF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FD0-1FDF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FE0-1FEF	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻
U+1FF0-1FFF	-	-	߱	߲	߳	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻

**General Punctuation**

U+2000-200F	-	-	-	-	-	-		=	'	,	'	"	"	"	"
U+2010-201F	-	-	-	-	-	-		=	'	,	'	"	"	"	"
U+2020-202F	†	‡	•	►	•	„	„	„	„	„	„	„	„	„	„
U+2030-203F	%	%	'	"	"	"	"	"	^	)	)	*	!!	?	-
U+2040-204F	~	~	~	~	~	~	~	~	??	??	??	??	??	??	??
U+2050-205F	⌚	*	/	~	~	*	:	"""	❖	❖	❖	:	*	:	:
U+2060-206F	-	-	߱	߲	߳	߶	߷	߸	߹	߻	߻	߻	߻	߻	߻

**Superscripts and Subscripts**

U+2070-207F	߰	߱	-	-	4	5	6	7	8	9	+	-	=	(	)
U+2080-208F	߰	߱	߲	߳	ߴ	ߵ	߶	߷	߸	߹	߻	߻	߻	(	)

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

## Miscellaneous Technical

## Control Pictures

## Optical Character Recognition

Table 4: JuliaMono-Regular.ttf *cont.*

Table 4: JuliaMono-Regular.ttf *cont.*

## Dingbats

## Miscellaneous Mathematical Symbols-A

## **Supplemental Arrows-A**

## Braille Patterns

Table 4: JuliaMono-Regular.ttf *cont.*

## **Supplemental Arrows-B**

## Miscellaneous Mathematical Symbols-B

## Supplemental Mathematical Operators

Table 4: JuliaMono-Regular.ttf *cont.*

## Miscellaneous Symbols and Arrows

## Latin Extended-C

U+2C60-2C6F Ł ł Ł ł P R d Ł H h K k Z z a M A  
U+2C70-2C7F Đ đ W w v T F Đ Đ Đ Đ Đ Đ Đ Đ Đ Đ Đ Đ

Coptic

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+2CB0–2CBF	-	-	—	—	-	-	-	-	-	-	-	-	-	-	-	-
U+2CD0–2CDF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	□
<b>Georgian Supplement</b>																
U+2D00–2D0F	გ	ყ	ღ	ძ	η	ყ	ბ	თ	რ	ხ	ძ	ჩ	შ	უ	უ	უ
U+2D10–2D1F	ქ	ს	ღ	ყ	თ	ნ	ყ	ყ	ყ	ხ	ღ	ძ	მ	ს	ლ	ჯ
U+2D20–2D2F	უ	რ	ც	ყ	ყ	მ	—	გ	—	—	—	—	—	ზ	—	—
<b>Tifinagh</b>																
U+2D30–2D3F	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
U+2D40–2D4F	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
U+2D50–2D5F	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
U+2D60–2D6F	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
U+2D70–2D7F	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
<b>Ethiopic Extended</b>																
U+2DE0–2DEF	ብ	ቁ	ገ	ል	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ	ኩ
U+2DF0–2DFF	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ	ሮ
<b>Supplemental Punctuation</b>																
U+2E00–2E0F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
U+2E10–2E1F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
U+2E20–2E2F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
U+2E30–2E3F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
U+2E40–2E4F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
U+2E50–2E5F	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍	֍
<b>Enclosed CJK Letters and Months</b>																
U+3240–324F	-	-	-	-	-	-	-	-	□	□	□	□	□	□	□	□
U+3250–325F	፲፳	፲፴	፲፵	፲፶	፲፷	፲፸	፲፹	፲፺	፲፻	፲፼	፲፽	፲፾	፲፷	፲፸	፲፹	፲፺
U+32B0–32BF	-	፲፻	፲፴	፲፵	፲፶	፲፷	፲፸	፲፹	፲፺	፲፻	፲፻	፲፻	፲፻	፲፻	፲፻	፲፻
<b>CJK Compatibility</b>																
U+3370–337F	-	㍻Pa	㍻A	㍻U	㍻ar	㍻v	㍻c	㍻m	㍻f	㍻m	-	-	-	-	-	-
U+3380–338F	pA	nA	μA	mA	kA	KB	MB	GB	caL	kaL	pF	nF	μF	μg	mg	kg
U+3390–339F	Hz	kHz	MHz	GHz	THz	μL	mL	dL	kL	fM	nm	μm	mm	cm	km	m²
U+33A0–33AF	㎠	㎟	㎢	㎟	㎟	㎟	㎟	㎟	㎟	㎟	Pa	kPa	MPa	GPa	zad	zad
U+33B0–33BF	ps	ns	μs	ms	μV	mV	μV	mV	kV	MV	pW	nW	μW	mW	kW	MW

Table 4: JuliaMono-Regular.ttf *cont.*

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
U+33C0 – 33CF	kQ	MQ	am	Bq	cc	cd	C <sub>g</sub>	CO	dB	Gy	ha	HP	hn	KK	KM	
U+33D0 – 33DF	lm	ln	log	lx	mb	mL	mo	pH	pm	ppm	PR	sx	Sv	Wb	–	–

## Yijing Hexagram Symbols

## Yi Radicals

## Modifier Tone Letters

## Latin Extended-D

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+A7F0–A7FF	-	s	c	f	q	h	h	H	h	ø	III	ñ	q	M	I	N
<b>Rejang</b>																
U+A950–A95F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	¤
<b>Cham</b>																
U+AA50–AA5F	-	-	-	-	-	-	-	-	-	-	-	-	◎	-	-	-
<b>LatinExtended-E</b>																
U+AB30–AB3F	ä	ă	ë	é	æ	f	g	ѣ	ѣ	ѣ	m	n	đ	đ	đ	đ
U+AB40–AB4F	œ	œ	œ	œ	ø	ʌ	R	r	r	r	r	r	ñ	ñ	ñ	ñ
U+AB50–AB5F	ẅ	ẅ	ẅ	ẅ	X	X	X	X	X	X	y	x	ň	ň	ň	ň
U+AB60–AB6F	ԡ	ԡ	ԡ	ԡ	a	ə	đ	đ	đ	đ	m	ı	-	-	-	-
<b>Private Use Area</b>																
U+E0A0–E0AF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+E0B0–E0BF	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚
U+E230–E23F	-	-	-	-	-	-	-	-	-	-	-	-	⌚	-	-	-
U+E250–E25F	-	-	-	-	-	-	☕	-	-	-	-	-	-	-	-	-
U+E270–E27F	-	-	-	-	-	-	💧	-	-	-	-	-	-	-	-	-
U+E600–E60F	-	-	-	-	-	-	✿	-	-	✿	✉	-	js	-	◊	-
U+E610–E61F	-	apple	---	---	#	*	-	-	-	-	-	-	⌚	⌚	-	-
U+E620–E62F	-	-	-	-	••	-	✿	-	-	✿	V	✉	-	-	-	-
U+E700–E70F	-	-	-	-	-	-	-	-	-	✿	-	-	-	-	-	-
U+E710–E71F	-	apple	⌚	-	-	-	-	-	-	-	-	-	-	-	-	-
U+E720–E72F	-	-	-	-	ꝝ	ꝝ	ꝝ	ꝝ	ꝝ	ꝝ	-	-	-	-	-	-
U+E730–E73F	-	-	-	-	-	-	----	-	-	-	-	-	✉	-	-	-
U+E760–E76F	-	-	-	-	-	-	-	-	-	✿	-	-	-	-	-	-
U+E780–E78F	-	-	-	-	-	-	-	-	-	✿	-	⌚	-	-	-	-
U+E7A0–E7AF	-	-	-	-	-	-	✿	-	-	✿	-	-	-	-	-	-
U+E800–E80F	⬢	⬢	⬢	⬢	⬢	b	q	q		*	L	*	*	*	c	d
U+E810–E81F	f	g	w	y	z	α	δ	∞	⦿	⦿	⦿	⦿	⦿	⦿	⦿	⦿
U+E820–E82F	-	-	-	-	-	••	-	-	-	-	-	-	-	-	-	-
U+E830–E83F	⌚	⌚	flux	⌚	con	⌚	⌚	⌚	⌚	⌚	J	-	-	-	-	-
U+E840–E84F	՚	՚	՚	՚	՚	՚	՚	՚	՚	՚	-	-	-	-	-	-

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+E850-E85F	♪	♪	♪	♪	♪	♪	♪	♪	♪	♪	♪	♪	-	-	-	-
U+EE00-EE0F	□	□	□	□	□	□	□	□	□	□	□	□	-	-	-	-
U+F000-F00F	-	-	-	-	-	-	-	-	-	-	🐦	-	-	-	-	-
U+F0C0-F0CF	-	⌚	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U+F0F0-F0FF	-	-	-	-	-	-	-	-	-	-	-	-	Ⓜ	-	-	-
U+F100-F10F	-	-	-	-	-	-	-	-	-	-	-	Ⓜ	-	-	-	-
U+F120-F12F	➤	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U+F170-F17F	-	-	-	-	-	-	-	-	-	-	🍎	-	-	-	-	-
U+F2D0-F2DF	-	-	-	-	-	-	-	-	-	-	-	✳️	-	-	-	-
U+F300-F30F	-	-	🍎	-	-	-	-	-	-	🍏	-	-	-	-	-	-
U+F350-F35F	-	-	-	-	-	-	-	-	-	-	-	-	▣	-	-	-
U+F410-F41F	-	-	-	-	-	-	-	-	-	ȝ	-	-	-	-	-	-
U+F530-F53F	-	-	-	-	🍎	-	-	-	-	-	-	-	-	-	-	-
U+F6A0-F6AF	-	-	-	-	⌚	-	-	-	-	-	-	-	-	-	-	-
U+F830-F83F	-	-	-	-	-	-	-	-	-	-	-	🔒	-	-	-	-
U+F850-F85F	-	-	-	-	-	-	-	-	-	-	Ⓜ	-	-	-	-	-
U+F8D0-F8DF	-	-	-	-	-	Ⓜ	-	-	-	-	-	-	-	-	-	-
U+F8F0-F8FF	-	-	-	-	-	-	-	-	-	-	-	-	🍎	-	-	-

**Alphabetic Presentation Forms**

U+FB00-FB0F	ff	fi	fl	ffi	fl̄	f̄t	st̄	-	-	-	-	-	-	-	-	-
U+FB10-FB1F	-	-	݂	݃	݄	݅	݆	-	-	-	-	-	݇	݈	݉	݊
U+FB20-FB2F	ݍ	ݎ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ
U+FB30-FB3F	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ
U+FB40-FB4F	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ	ݏ

**Arabic Presentation Forms-A**

U+FBB0-FBBF	-	-	۔	۔	۔	۔	۔	۔	۔	۔	۔	۔	۔	:	:	-
U+FD30-FD3F	-	-	-	-	-	-	-	-	-	-	-	-	-	《	》	-
U+FDF0-FDFF	-	-	-	-	-	-	-	-	-	-	-	-	▬	-	-	-

Table 4: JuliaMono-Regular.ttf *cont.*

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
<b>Combining Half Marks</b>																
U+FE20 – FE2F	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
<b>Small Form Variants</b>																
U+FE50 – FE5F	,	-	.	-	;	:	?	!	-	( )	{ }	[ ]	#			
U+FE60 – FE6F	&	*	+	-	<	;	=	-	\	\$	%	@	-	-	-	-
<b>Arabic Presentation Forms-B</b>																
U+FEF0 – FEFF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Specials ...</b>																
U+FFFF0 – FFFF	-	-	-	-	-	-	-	-	-	-	ؑ	ؒ	ؔ	ؕ	ؖ	ؘ

Total number of glyphs shown from JuliaMono-Regular.ttf: 7469