

MD IO

MD IO's design is based on the idea of *legibility* (the ease of identifying individual glyphs) as opposed to *readability* (the ease of overall reading).

To make that possible for very detailed glyphs (like M or #), as well as in extremely bold weights and at small sizes, the design makes use of prominent ink traps where strokes meet.

Up close, these are a striking design feature, but at text sizes they all but disappear — resulting in glyphs which look normal, but render sharper and more legibly.

Along with ensuring individual glyphs are legible, MD IO also maintains a clear and distinct separation between upright and italic styles. The italics are not just slanted variants of the roman forms but cursive constructions, producing a texture that can easily be identified in code or written text.

The italic styles of MD IO also feature uniquely orthogonal horizontal stroke endings. Originally implemented as a straight-forward rendering improvement for text on screen, this has become a graphic feature in the boldest weights and largest display sizes.

Roman

Regular
Medium
Semibold
Bold
Black
Ultra

Italic

Italic
Medium Italic
Semibold Italic
Bold Italic
Black Italic
Ultra Italic

76 / 80 pt Romans

Interact

Relative

Simplify

Designer

Hardware

Research

76 / 80 pt Italics

Tonality

Variable

Azimuths

Typeface

Remixers

Chromium

16 / 20 pt

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THE FIRST USE OF CHANNEL I/O was with the IBM 709 vacuum tube mainframe, whose Model 766 Data Synchronizer was the first channel controller, in 1957. Its transistorized successor, the IBM 7090, had two to eight 6-bit channels (the 7607) and a channel multiplexor (the 7606) which could control up to eight channels. The 7090 and 7094 could also have up to eight 8-bit channels with the 7909. While IBM used data channel commands on some of its computers, and

7 / 9 pt

A COMPUTER THAT USES MEMORY-MAPPED I/O accesses hardware by reading and writing to specific memory locations, using the same assembly language instructions that computer would normally use to access memory. An alternative method is via instruction-based I/O which requires that a CPU have specialized instructions for I/O. Both input and output devices have a data processing rate that can vary greatly. With some devices able to exchange data at very high speeds direct

16 / 20 pt

WITH OVER 400 ACTIVE VOLCANOES, Io is the most geologically active object in the Solar System. [10] This extreme geologic activity is the result of tidal heating from friction generated within Io's interior as it is pulled between Jupiter and the other Galilean moons—Europa, Ganymede and Callisto. Several volcanoes produce plumes of sulfur and

13 / 16 pt

IO, PRÊTRESSE AU TEMPLE D'HÉRA à Argos, fut remarquée un jour par Zeus et elle devint rapidement une de ses nombreuses maîtresses. Zeus lui donnait de fréquents rendez-vous en se changeant en nuage. Leur relation continua jusqu'à ce que Héra, l'épouse de Zeus, les eût presque surpris en forêt. Zeus parvint à

11 / 14 pt

Io bevæger sig rundt i Jupiters stærke magnetfelt, på tværs af feltlinierne, hvilket skaber en elektrisk strøm. Godt nok bidrager det mindre til Ios varme end Jupiters, Europas og Ganymedes' tidevandskræfter, men tilfører alligevel måske mere end en terawatt, ved en spænding på 400 kilovolt. Denne spænding river også ioniserede atomer væk fra Io, og på grund

9.5 / 12 pt

ODKRYCIE IO PRZYPISYWANE JEST zwyczajowo Galileuszowi, który 7 stycznia 1610 roku na Uniwersytecie w Padwie skierował na Jowisza skonstruowaną przez siebie, powiększającą 20-krotnie lunetę i dostrzegł w pobliżu tej planety trzy „gwiazdy”, ułożone wraz z Jowiszem w linii prostej, równoległej do ekliptyki. W rzeczywistości, oglądał wtedy wszystkie

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7 / 9 pt

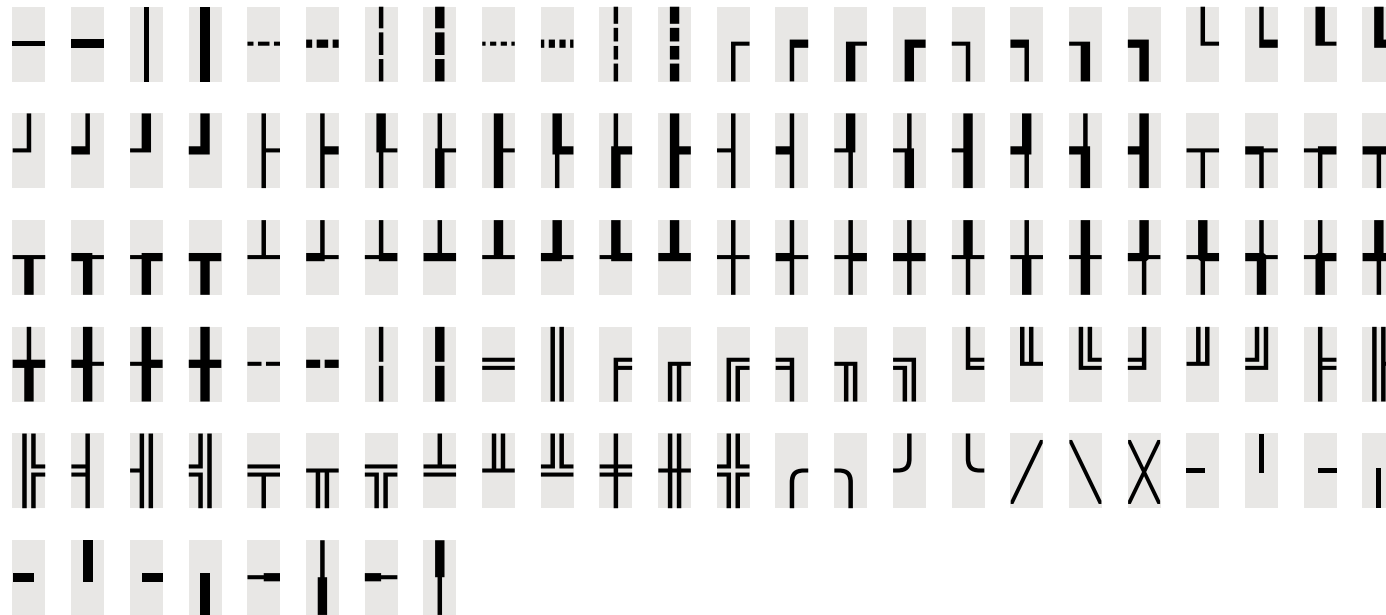
A COMPUTER THAT USES MEMORY-MAPPED I/O accesses hardware by reading and writing to specific memory locations, using the same assembly language instructions that computer would normally use to access memory. An alternative method is via instruction-based I/O which requires that a CPU have specialized instructions for I/O. Both input and output devices have a data processing rate that can vary greatly. With some devices able to exchange data at very high speeds direct



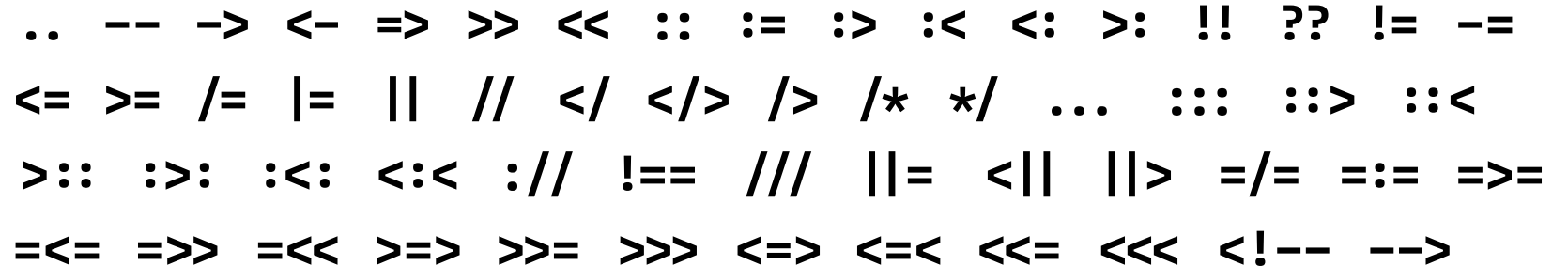
Block Elements



Box Drawing



Code Ligatures



ss01 Alternate B	Straße	Straße	ordn Ordinals	1o 1a	1^o 1^a
locl Localised Forms (Romanian & Moldavian, Northern Sámi)	Șț Ț	Șț Ț	dlig Discretionary Ligatures	-> :=	-> :=

Using OpenType Features in CSS

The four-character tags (ss01, ordn, etc.) listed next to each feature above can be used with the `font-feature-settings` CSS property to toggle the relevant feature. For instance,

```
font-feature-settings: "ss01";
```

will enable the *alternate B* stylistic set.

We recommend referring to the MDN [OpenType Font Features Guide](#) for more information and best practices.

Enabling Ligatures for Code

MD IO's code ligatures are accessible via the `dlig` (discretionary ligatures) feature, which is disabled by default to avoid interfering with regular text typography.

Please note that some applications do not fully support the `dlig` feature. While we may provide a workaround for this in future, we unfortunately can't offer one for this version of MD IO.

Showing 145 of a total 416 supported languages.

Afrikaans	Gusii	Malagasy	South Ndebele
Akan	Hausa	Malay	Southern Sotho
Albanian	Hawaiian	Maltese	Spanish
Asu	Hungarian	Manx	Sundanese
Azerbaijani	Icelandic	Māori	Swahili
Bafia	Ido	Meru	Swati
Bambara	Igbo	Meta'	Swedish
Basque	Inari Sami	Mohawk	Swiss German
Bemba	Indonesian	Morisyen	Taita
Bena	Interlingua	Nigerian Pidgin	Taroko
Bosnian	Irish	North Ndebele	Tasawaq
Breton	Italian	Northern Sami	Teso
Catalan	Javanese	Northern Sotho	Tongan
Cebuano	Jju	Norwegian Bokmål	Tsonga
Chiga	Jola-Fonyi	Norwegian Nynorsk	Tswana
Colognian	Kabuverdianu	Nyanja	Turkish
Cornish	Kalaallisut	Nyankole	Turkmen
Corsican	Kalenjin	Occitan	Upper Sorbian
Croatian	Kamba	Oromo	Uzbek
Czech	Kikuyu	Polish	Vunjo
Danish	Kinyarwanda	Portuguese	Walloon
Duala	Koyra Chiini	Quechua	Walser
Dutch	Koyraboro Senni	Romanian	Welsh
Embu	Kurdish	Romansh	Western Frisian
English	Kwasio	Rombo	Wolof
Esperanto	Latvian	Rundi	Xhosa
Estonian	Lingala	Rwa	Yangben
Faroese	Lithuanian	Samburu	Zarma
Filipino	Lojban	Sango	Zulu
Finnish	Low German	Sangu	
French	Lower Sorbian	Sardinian	
Friulian	Luba-Katanga	Scottish Gaelic	
Fula	Luo	Sena	
Ga	Luxembourgish	Shambala	
Galician	Luyia	Shona	
Ganda	Machame	Sicilian	
German	Makhuwa-Meetto	Slovak	
Guarani	Makonde	Slovenian	
		Soga	
		Somali	

For languages with multiple scripts or writing systems, only the Latin is supported (unless noted otherwise).

While we take care to ensure our language support is as complete and accurate possible, we can't guarantee that every regional or language-specific variation of a glyph is included. Please [get in touch](#) if you need a custom version to better fit your language.



Styles / Instances

Style	wght ¹	ital	OS/2 width/weight class
Regular	400	0	5 / 400
Italic	400	1	5 / 400
Medium	500	0	5 / 500
Medium Italic	500	1	5 / 500
Semibold	600	0	5 / 600
Semibold Italic	600	1	5 / 600
Bold	700	0	5 / 700
Bold Italic	700	1	5 / 700
Black	800	0	5 / 800
Black Italic	800	1	5 / 800
Ultra	900	0	5 / 900
Ultra Italic	900	1	5 / 900

¹ Equivalent to the CSS font-weight attribute.

Formats / Sizes

Style	Filesize	Contour Type
OTF	57–66 KB	Cubic (CFF)
WOFF2	32–37 KB	Cubic (CFF)
WOFF	34–40 KB	Cubic (CFF)

General Information

Credits	Designed by Rutherford Craze
	With thanks to the team at Future Fonts, and to everyone who licenses MD IO or provides feedback during the ongoing development of the typeface.
File Version	0.060
First Release	Jan 2021
Latest Update	Mar 2023
Licensing	MD IO may be used only as permitted by the terms of the Mass-Driver End User License Agreement (EULA). https://mass-driver.com/licensing

futurefonts.xyz
mass-driver.com

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This specimen is intended for informational purposes only, and is not guaranteed to be free from errors (though we did our best).

Supporting text in this document is set in MD System.