

Latin Modern Mono (lmmono10-regular.otf from lm2.004otf)

This Monospace Serif font is an extension of Knuth's Computer Modern. It covers most European languages written in Latin alphabets (not Northern-Sami, nor the IJ digraph for Dutch and the theoretically-encountered digraphs for serbo-croat languages). It also covers Vietnamese. The package contains separate fonts for selected point sizes. Like many monospace fonts, bold face is not present.

There is a separate Caps font for Small Capitals, but when using fontconfig to look at system fonts that is not recognized as the Small Caps variant.

For variations of the Latin alphabets I attempt to show the whole alphabet, followed by Article 1 of the UDHR (it is traditional!). For other scripts and languages I merely display the digits (if not common 0..9) and Article 1.

Sources:

http://unicode.org/udhr/assemblies/first_article_all.html

<http://www.omniglot.com/>

<https://en.wikipedia.org>

This document was prepared using ~~X_YTEX~~ and fontspec. Depending on the font, missing glyphs will be replaced either by nothing at all (occasional fonts do that), a blank space, an empty box, or some other symbol indicating a missing glyph.

This monospaced text might also include added spacing to justify the lines.

The letter forms used in italic fonts do not always match those used in regular fonts. Here is some English text to cover all letters: a quick brown fox jumped over the lazy dogs A QUICK BROWN FOX JUMPED OVER THE LAZY DOGS.

This font comes with a SMALL CAPITALS version (i.e. normal capitals with smaller ones replacing the lowercase), used in this example for quoting Death from the late Sir Terry Pratchett's discworld :

"ON A NIGHT LIKE THIS," said Death, "THE ONLY CERTAIN THING IS UNCERTAINTY. TRITE, I KNOW, BUT TRUE." Somewhere on the horizon, thunder rumbled. "I'll, er, just be sort of going, then." said Rincewind. "DON'T BE A STRANGER." said Death, as the wizard hurried off. "Odd person." said War. "WITH HIM HERE, EVEN UNCERTAINTY IS UNCERTAIN, AND I'M NOT SURE EVEN ABOUT THAT."

— Interesting Times —

Because the small caps font is a separate fontfile, it possible to use it for regular monospaced text in a graphical terminal. Therefore I have listed its contents in a separate PDF. It is 10pt only and contains both regular and small capitals, but omits (+017F (Latin small letter long s)).

The normal style comes with separate sizes for 8,9,10 and 12pt. The italic style is 10pt only. There are also oblique and slant fonts in 10pt, and a proplt10 ('light', i.e. slimmer strokes) font with regular and bold weights in normal and oblique style.

1 Latin Alphabet (European variants)

1.1 Catalan

A a, B b, C c, Ç ç, D d, E e, É é, È è, F f, G g, H h, I i, J j, K k, L l, (LL and ll or L·L l·l are a different pronunciation to LL and ll), M m, N n, O o, Ó ó, Ò ò, P p, Q q, R r, S s, T t, U u, Ü ü, V v, W w, X x, Y y, Z z

Tots els éssers humans neixen lliures i iguals en dignitat i en drets. Són dotats de raó i de consciència, i han de comportar-se fraternalment els uns amb els altres.

1.2 Czech

A a, Á á, B b, C c, Č č, D d, Ď ě, E e, É é, Ě ě, F f, G g, H h, Ch ch, I i, Í í, J j, K k, L l, M m, N n, Ň ň, O o, Ó ó. P p, Q q, R r, Ř ř, S s, Š š, T t, Ě ě, U u, Ú ú. Ů ů, V v, W w, X x, Y y, Ý ý, Z z, Ž ž

Všichni lidé rodí se svobodní a sobě rovní co do důstojnosti a práv. Jsou nadáni rozumem a svědomím a mají spolu jednat v duchu bratrství.

1.3 Danish

A a, B b, C c, D d, E e, F f, G g, H h, I i, J j, K k, L l, M m, N n, O o, P p, Q q, R r, S s, T t, U u, V v, W w, X x, Y y, Z z, Æ æ, Ø ø, Å å

Alle mennesker er født frie og lige i værdighed og rettigheder. De er udstyret med fornuft og samvittighed, og de bør handle mod hverandre i en broderskabets ånd.

1.4 Dutch

As well as the standard 26 letters, the IJ digraph () may be encountered.

Alle mensen worden vrij en gelijk in waardigheid en rechten geboren. Zij zijn begiftigd met verstand en geweten, en behoren zich jegens elkander in een geest van broederschap te gedragen.

1.5 French

A a, À à, Â â, Æ æ, Ä ä, B b, C c, Ç ç, D d, E e, É é, È è, Ê ê, Ë ë, F f, G g, I i, Î î, Ï ï, J j, K k, L l, M m, N n, (Ñ ñ may be seen on words of Spanish origin), O o, Ô ô, Æ æ, Ö ö, P p, Q q, R r, S s, T t, U u, Û ù, Û û, Ü ü, V v, W w, X x, Y y, Ÿ ÿ, Z z

Tous les êtres humains naissent libres et égaux en dignité et en droits. Ils sont doués de raison et de conscience et doivent agir les uns envers les autres dans un esprit de fraternité.

1.6 German

A a, Ä ä, B b, C c, D d, E e, F f, G g, H h, I i, J j, K k, L l, M m, N n, O o, Ö ö, P p, Q q, R r, S s, T t, U u, Ü ü, V v, W w, X x, Y y, Z z and ß (but ss in Switzerland)

Alle Menschen sind frei und gleich an Würde und Rechten geboren. Sie sind mit Vernunft und Gewissen begabt und sollen einander im Geist der Brüderlichkeit begegnen.

1.7 Hungarian

A a, Á á, B b, C c, Cs cs, D d, Dz dz, Dzs dzs, E e, É é, F f, G g, Gy gy, H h, I i, Í í, J j, K k, L l, Ly ly, M m, N n, Ny ny, O o, Ó ó, Ö ö, Ő ő, P p, Q q, R r, S s, Sz sz, T t, Ty ty, U u, Ú ú, Ü ü, Ű ű, V v, W w, X x, Y y, Z z, Zs zs

Minden emberi lény szabadon születik és egyenlő méltósága és joga van. Az emberek, ésszel és lelkiismerettel bírván, egymással szemben testvéri szellemben kell hogy viseltessenek.

1.8 Icelandic

A a, Á á, B b, D d, Ð ð, (*eth is not used for the first letter of any word*) E e, É é, F f, G g, H h, I i, Í í, J j, K k, L l, M m, N n, O o, P p, R r, S s, T t, U u, Ú ú, V v, X x, Y y, Ý ý, Þ þ, Æ æ, Ö ö

Hver maður er borinn frjáls og jafn öðrum að virðingu og réttindum. Menn eru gæddir vitsmunum og samvizku, og ber þeim að breyta bróðurlega hverjum við annan.

1.9 Italian

A a, À à, B b, C c, D d, E e, É é, È è, F f, G g, H h, I i, Í í, Ì ì, Î î, Ï ï, L l, M m, N n, O o, Ó ó, Ò ò, P p, Q q, R r, S s, T t, U u, Ú ú, Û ù, V v, Z z

Tutti gli esseri umani nascono liberi ed eguali in dignità e diritti. Essi sono dotati di ragione e di coscienza e devono agire gli uni verso gli altri in spirito di fratellanza.

1.10 Latvian

A a, Ā ā, B b, C c, Č č, D d, E e, Ē ē, F f, G g, Ģ ģ, H h, I i, Ī ī, J j, K k, Ķ ķ, L l, Ļ ļ, M m, N n, Ņ ņ, O o, P p, R r, S s, Š š, T t, U u, Ū ū, V v, Z z, Ž ž

Visi cilvēki piedzimst brīvi un vienlīdzīgi savā pašcienā un tiesībās. Viņi ir apveltīti ar saprātu un sirdsapziņu, un viņiem jāizturas citam pret citu brālības garā.

1.11 Lithuanian

A a, Ą ą, B b, C c, Č č, D d, E e, Ę ę, È è, F f, G g, H h, I i, Į į, Y y, J j, K k, L l, M m, N n, O o, P p, R r, S s, Š š, T t, U u, Ū ū, V v, Z z, Ž ž

Visi žmonės gimsta laisvi ir lygūs savo orumu ir teisėmis. Jiems suteiktas protas ir sąžinė ir jie turi elgtis vienas kito atžvilgiu kaip broliai.

1.12 Maltese

A a, B b, Ċ ċ, D d, E e, F f, Ġ ġ, G g, ĠĠ ġġ, H h, Ħ ħ, I i, IE ie, J j, K k, L l, M m, N n, O o, P p, Q q, R r, S s, T t, U u, V v, W w, X x, Z z

In addition, final vowels with grave accents are found in some words of Italian origin: à, è, ì, ò. ù.

Here I use short lines to avoid me adding whitespace.

Il-bnedmin kollha jitwiieldu ħielsa u ugwali fid-dinjità u d-drittijiet. Huma mogħnija bir-raġuni u bil-kuxjenza u għandhom iġibu ruħhom ma' xulxin bi spirtu ta' aħwa.

1.13 Polish

A a, Ą ą, B b, C c, Ć ć, D d, E e, Ę ę, F f, G g, H h, I i, J j, L l, Ł ł, M m, N n, O o, Ó ó, P p, R r, S s, Ś ś, T t, U u, W w, Y y, Z z, Ź ź, Ż ż

The letters Q q, V v, X x may be seen in foreign words.

Wszyscy ludzie rodzą się wolni i równi pod względem swej godności i swych praw. Są oni obdarzeni rozumem i sumieniem i powinni postępować wobec innych w duchu braterstwa.

1.14 Portuguese

A a, Á á, Â â, Ã ã, À à, B b, C c, Ç ç, D d, E e, É é, Ê ê, F f, G g, H h, I i, Í í, J j, K k, L l, M m, N n, O o, Ó ó, Ô ô, Õ õ, P p, Q q, R r, S s, T t, U u, Ú ú, V v, W w, X x, Y y, Z z

Todos os seres humanos nascem livres e iguais em dignidade e em direitos. Dotados de razão e de consciência, devem agir uns para com os outros em espírito de fraternidade.

1.15 Romanian

A a, Ă ă, Â â, B b, C c, D d, E e, F f, G g, H h, I i, Î î, J j, K k, L l, M m, N n, O o, P p, Q q, R r, S s, Ș ș, T t, Ț ț, U u, V v, W w, X x, Y y, Z z

Because Unicode was slow to add the below comma forms Ș ș, Ț ț the incorrect use of cedillas in Ș ș, Ț ț is still sometimes encountered.

Toate ființele umane se nasc libere și egale în demnitate și în drepturi. Ele sunt înzestrate cu rațiune și conștiință și trebuie să se comporte unele față de altele în spiritul fraternității.

1.16 Serbo-Croat (Latin)

A a, B b, C c, Č č, Ć ć, D d, DŽ Dž dž (), Đ đ. E e, F f, G g, H h, I i, J j, K k, L l, LJ Lj lj (), M m, N n, NJ Nj nj (), O o, P p, R r, S s, Š š, T t, U u, V v, Z z, Ž ž

Sva ljudska bića rađaju se slobodna i jednaka u dostojanstvu i pravima. Ona su obdarena razumom i sviješću i treba da jedno prema drugome postupaju u duhu bratstva.

1.17 Spanish

A a, Á á, B b, C c, D d, E e, É é, F f, G g, H h, I i, J j, K k, L l, M m, N n, Ñ ñ, O o, Ó ó, P p, Q q, R r, S s, T t, U u, Ú ú, Ü ü, V v, W w, X x, Y y, Z z

Todos los seres humanos nacen libres e iguales en dignidad y derechos y, dotados como están de razón y conciencia, deben comportarse fraternalmente los unos con los otros.

1.18 Turkish

A a, Â â, B b, C c, Ç ç, D d, E e, F f, G g, Ğ ğ, H h, İ i, I ı, Î î, J j, K k, L l, M m, N n, O o, Ö ö, P p, R r, S s, Ş ş, T t, U u, Ü ü, V v, Y y, Z z

Bütün insanlar hür, haysiyet ve haklar bakımından eşit doğarlar. Akıl ve vicdana sahiptirler ve birbirlerine karşı kardeşlik zihniyeti ile hareket etmelidirler.

1.19 Welsh

A a, Á á, Â â, À à, Ä ä, B b, C c, D d, Dd dd, E e, É é, Ê ê, È è, Ë ë, F f, Ff ff, G g, Ng ng, H h, I i, Í í, Î î, Ï ï, L l, Ll ll, M m, N n, O o, Ó ó, Ô ô, Ò ò, Ö ö, P p, Ph ph, R r, Rh rh, S s, T t, Th th, U u, Ú ú, Û û, Ù ù, Ü ü, W w, Ẃ ẃ, Ŵ ŵ, W̃ w̃, Y y, Ý ý, Ŷ ŷ, ÿ ÿ, Ÿ ÿ *In addition, the letters J j, K k, Q q, V v, X x, Z z are used - J appears to be becoming assimilated into Welsh, the others are used in technical terms although sometimes transliterations are used. But K was part of the Welsh language until the bible was translated, when it was replaced by C because 'the printers did not have enough Ks'.*

Genir pawb yn rhydd ac yn gydradd â'i gilydd mewn urddas a hawliau. Fe'u cynysgaeddir â rheswm a chydwybod, a dylai pawb ymddwyn y naill at y llall mewn ysbryd cymodlon.

2 Other variants of the Latin alphabet

2.1 Vietnamese

The interesting features of Vietnamese are the use of horns on ‘o’ and ‘u’ to provide additional vowels, and the use of diacriticals to show the tone. The letters themselves are pre-composed, but displaying some of the individual tone markings requires combining accents.

A a, Ă ă, Ā ā, B b, C c, D d, Đ đ, E e, Ê ê, G g, H h, I i, K k, L l, M m, N n, O o, Ô ô, Ơ ơ, P p, Q q, R r, S s, T t, U u, Ư ư, V v, X x, Y y

As with several monospace fonts I have had to inset the combining diacriticals to keep them out of the left margin.

The additional markings for tone are as follows.

If two descriptions, they are northern / southern :

A a, Ă ă, Ā ā, E e, Ê ê, I i, O o, Ô ô, Ơ ơ, U u, Ư ư, Y y *mid level*

` Ā à, Ằ ằ, Ẳ ẳ, È è, Ẽ ẽ, Ì ì, Ò ò, Ồ ồ, Ờ ờ, Û ù, Ừ ừ, Ỡ ỡ *low falling*

˘ Ằ ằ, Ẳ ẳ, Ẳ ẳ, Ẻ ẻ, Ẻ ẻ, Ỉ ỉ, Ỏ ỏ, Ỏ ỏ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ *mid falling / dipping*

˜ Ā ā, Ằ ằ, Ẳ ẳ, Ẻ ẻ, Ẻ ẻ, Ỉ ỉ, Ỏ ỏ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ *glottalized rising / dipping*

˘ Ā á, Ằ ằ, Ẳ ẳ, Ẻ ẻ, Ẻ ẻ, Ỉ ỉ, Ỏ ỏ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ *high rising*

. A ạ, Ằ ằ, Ẳ ẳ, Ẻ ẻ, Ẻ ẻ, Ỉ ỉ, Ỏ ỏ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ, Ỡ ỡ *glottalized falling / low rising*

Tất cả mọi người sinh ra đều được tự do và bình đẳng về nhân phẩm và quyền lợi. Mọi con người đều được tạo hóa ban cho lý trí và lương tâm và cần phải đối xử với nhau trong tình anh em.

3 Quotation-marks, etc.

In real-world usage, particularly when looking at news sites, the presence or absence of the correct quote characters will make a difference. As a coder, I use '...' or "...". but in good text there are variations and this font supports:

left and right single quotes	with right single quote '...'
'...'	double low 9,
left and right double quotes	and left double quotes "..."
"..."	guillemets «...»
single turned comma,	angle quotes <...>

In Spanish languages, the inverted exclamation-mark ¡ and inverted question-mark ¿ are necessary.

4 Symbols

4.1 Currency Symbols

Many countries have symbols for their currencies. In alphabetic order:

Cedi (Ghana)	Manat (Azerbaijan)
¢ Cent (many places)	₦ Naira (Nigeria)
₡ Colon (Costa Rica, El Salvador)	£ Pound Sterling
₢ Cruzeiro (Brazil)	₽ Rouble (Russia)
\$ Dollar (many places)	₸ Tenge (Kazakhstan)
₫ Dong (Vietnam)	₺ Turkish Lira
€ Euro	₩ Won (Korea)
₴ Hryvnia (Ukraine)	¥ Yen (Japan)

4.2 Other symbols in text

© Copyright	¶ Pilcrow
† Dagger	® Registered
‡ Double Dagger	§ Section
% Per mille	™ Trademark