

The *Mbboard* series are quite good quality fonts primarily intended to be used as blackboard bold fonts in mathematical texts typeset in \TeX with Computer Modern as main fonts' set. Their design comes from printed mathematical books and articles, and, thus, from some commercial fonts. One of the main contribution of the mbboard-series lies in its completeness as one could see further on, completeness due to their author's work only.

These fonts have been designed in such a way that they can be used as text fonts, even if such texts would be hardly readable. This also means that even if they are mostly intended to be used in mathematical formulae, they are not “mathematical fonts” as understood in the MetaFont experts' community. I believe that it doesn't matter too much since these are upright fonts (in some cases, one would have to insert some negative thin space in subscripts).

The current distribution of these fonts and \TeX 's packages is the *mbboard0.4* which appears to be quite good and stable. The two supported subseries are *mbbXX* and *mbbxXX* where *XX* is the point size. Other subseries should be seen as oddities and, then, unsupported. The author also claims no responsibility in translations of these fonts into other formats (type 1, etc.).

Progress

Mbboard0.0, january 2000. Space and time initial distribution. If most glyphs look correct, kerning properties are to be checked. The dagesh marking is to be changed.

Mbboard0.1, april 2000. There have been changes in ligtables and designs:

- There is no more automatic c-t nor s-t ligature in the basic encoding. The corresponding glyphs have to be accessed directly with `\ctlig` or `\stlig` in text mode.
- There is now a dagesh sign such that this sign plus a Hebrew letter give the Hebrew letter with dagesh by ligaturing system. Otherwise, it does nothing. Its location on mbb's encoding is the former shereq sign's location. This last glyph has been removed from the basic encoding.
- Some vertical overshoots have been corrected.
- The Roman shaped 'a' and '3' have been slightly modified.
- Dorian pi has been rewritten.
- Kerning properties are still to be checked.

Mbboard0.2, december 2000. Just code-check before the first “expected to be stable”-distribution.

Mbboard0.3, june 2001. Input files' names have been changed in order to avoid conflicts with other source files—such as the bbold's ones (Alan Jeffrey's fonts).

Roundish bowls are experimented. It will lead to a simpler code: there will be less explicit intersection control sequences.

Mbboard0.4, october 2001. Some control sequences' names or variables' names have been changed. Roundish bowls have been (not fully) implemented. Some important changes have been done:

- The width of 'lambda' is now equal to the width of 'A'. (so that metrics have changed!)
- Percent sign and related ones have been corrected. (someone could have told me of that error!)
- The letter 'e' and related ones have been sharpen; 'xi', 'zeta' have been slightly changed. . . and so on.
- 17pt size has been introduced.
- A whole bold extended font has been created.
- Kerning properties are still to be checked.

Mbboard0.5, october 2001. The main change is my trial to get rid of every `square_end` control sequence. But it alters design quite deeply. So design itself is at least slightly changed. Some metrics have changed too just because I could not remember why I've made some odd choices. All those changes can not be reported without making a comparison between this version and the former one.

- The width of 'cedilla' has changed, it's now very thin just as 'ogonek'. (So that metrics have changed!)
- Kerning properties are still to be checked.

Miscellaneous symbols

\mathbb{k} `\Bbbk` (ord),

Some delimiters

$\mathbb{||}$ `\bbvert` (rel), $\mathbb{//}$ `\bbslash` (ord), $\mathbb{\backslash}$ `\bbbackslash` (ord), $\mathbb{[}$ `\bblbrack` (open), $\mathbb{]}$ `\bbrbrack` (close), $\mathbb{\{}$ `\bblbrace` (open), $\mathbb{\}}$ `\bbrbrace` (close), $\mathbb{\langle}$ `\bblangle` (open), $\mathbb{\rangle}$ `\bbrangle` (close),

Greek lowercase

$\mathbb{\alpha}$ `\bbalpha` (ord), $\mathbb{\beta}$ `\bbbeta` (ord), $\mathbb{\gamma}$ `\bbgamma` (ord), $\mathbb{\delta}$ `\bbdelta` (ord), $\mathbb{\epsilon}$ `\bbepsilon` (ord), $\mathbb{\zeta}$ `\bbzeta` (ord), $\mathbb{\eta}$ `\bbeta` (ord), $\mathbb{\theta}$ `\bbtheta` (ord), $\mathbb{\iota}$ `\bbiota` (ord), $\mathbb{\kappa}$ `\bbkappa` (ord), $\mathbb{\lambda}$ `\bblambda` (ord), $\mathbb{\mu}$ `\bbmu` (ord), $\mathbb{\nu}$ `\bbnu` (ord), $\mathbb{\xi}$ `\bbxi` (ord), $\mathbb{\omicron}$ `\bbomicron` (ord), $\mathbb{\pi}$ `\bbpi` (ord), $\mathbb{\rho}$ `\bbrho` (ord), $\mathbb{\sigma}$ `\bbsigma` (ord), $\mathbb{\tau}$ `\bbtau` (ord), $\mathbb{\upsilon}$ `\bbupsilon` (ord), $\mathbb{\phi}$ `\bbphi` (ord), $\mathbb{\chi}$ `\bbchi` (ord), $\mathbb{\psi}$ `\bbpsi` (ord), $\mathbb{\omega}$ `\bbomega` (ord), $\mathbb{\varepsilon}$ `\bbvarepsilon` (ord), $\mathbb{\vartheta}$ `\bbvartheta` (ord), $\mathbb{\varkappa}$ `\bbvarkappa` (ord), $\mathbb{\varpi}$ `\bbvarpi` (ord), $\mathbb{\varrho}$ `\bbvarrho` (ord), $\mathbb{\varsigma}$ `\bbvarsigma` (ord), $\mathbb{\varphi}$ `\bbvarphi` (ord),

Greek uppercase

\mathbb{A} `\bbAlpha` (ord), \mathbb{B} `\bbBeta` (ord), $\mathbb{\Gamma}$ `\bbGamma` (ord), $\mathbb{\Delta}$ `\bbDelta` (ord), \mathbb{E} `\bbEpsilon` (ord), \mathbb{Z} `\bbZeta` (ord), \mathbb{H} `\bbEta` (ord), $\mathbb{\Theta}$ `\bbTheta` (ord), \mathbb{I} `\bbIota` (ord), \mathbb{K} `\bbKappa` (ord), $\mathbb{\Lambda}$ `\bbLambda` (ord), \mathbb{M} `\bbMu` (ord), \mathbb{N} `\bbNu` (ord), $\mathbb{\Xi}$ `\bbXi` (ord), \mathbb{O} `\bbOmicron` (ord), $\mathbb{\Pi}$ `\bbPi` (ord), \mathbb{P} `\bbRho` (ord), $\mathbb{\Sigma}$ `\bbSigma` (ord), \mathbb{T} `\bbTau` (ord), $\mathbb{\Upsilon}$ `\bbUpsilon` (ord), $\mathbb{\Phi}$ `\bbPhi` (ord), $\mathbb{\Chi}$ `\bbChi` (ord), $\mathbb{\Psi}$ `\bbPsi` (ord), $\mathbb{\Omega}$ `\bbOmega` (ord),

Greek like symbols

Ϝ \bbdigamma (ord), ∇ \bbnabla (ord), ∐ \bbcprod (ord), ∪ \bbmho (ord), Σ \bbslashSigma (ord), ∇ \bbslashnabla (ord), λ \bbslashlambda (ord),

Hebrew

א \bbaleph (ord), ב \bbbeth (ord), ג \bbgimmel (ord), ד \bbdalet (ord), ה \bbhe (ord), ו \bbvav (ord), ז \bbzayin (ord), ח \bbhet (ord), ט \bbtet (ord), י \bbyod (ord), כ \bbfinalkaf (ord), ק \bbkaf (ord), ל \bbblamed (ord), מ \bbfinalmem (ord), נ \bbmem (ord), נו \bbfinalnun (ord), ש \bbnun (ord), שׁ \bbsamekh (ord), פּ \bbayin (ord), פּי \bbfinalpe (ord), פּי \bbpe (ord), צ \bbfinaltzadik (ord), צ \bbtzadik (ord), קוף \bbqof (ord), ר \bbresh (ord), שׁין \bbshin (ord), טבא \bbtav (ord), ם \bbdagesh (ord),

Currency signs

\$ \bbdollar (ord), € \bbeuro (ord), £ \bbpound (ord), ¢ \bbc cent (ord), ¥ \bbyen (ord),

Different sizes

mbb17. — ABCDEFGHIJKLMNOPQRSTUVWXYZ
 abcdefghijklmnopqrstuvwxyz ÆŒØæœøß+=#
 @ 1234567890 \$ & () []

mbbx17. — ABCDEFGHIJKLMNOPQRSTUVWXYZ
 XYZ abcdefghijklmnopqrstuvwxyz ÆŒ
 Øæœøß+=# @ 1234567890 \$ & () []

mbb12. — ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklm
 nopqrstuvwxyz ÆŒØæœøß+=# @ 1234567890 \$ & () []

mbbx12. — ABCDEFGHIJKLMNOPQRSTUVWXYZ abcde
 fghijklmnopqrstuvwxyz ÆŒØæœøß+=# @ 1234567890
 \$ & () []

mbb10. — ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuv
 wxyz ÆŒØæœøß+=# @ 1234567890 \$ & () []

mbbx10. — ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklm
 nopqrstuvwxyz ÆŒØæœøß+=# @ 1234567890 \$ & () []

Other basic control sequences

The most important control sequence is `\mathbb` which has one argument and is similar to the classical one. There is also `\mbb` which changes current font in text or math mode to blackboard. Those two control sequences are available in plain \TeX and LaTeX. About text, usual \TeX 's control sequences or ligaturing mechanisms apply. The c-t and s-t ligatures can be used via `\ctlig` and `\stlig` in text mode only, but switching to another font may produce oddities. French double quotes are obtained by `'<<` and `'>>`. But french single quotes cannot be obtained by `'<` nor `'>`, they have to be reached by their `charcode`.

« This was the noblest Roman of them all... »

The `\bbdagesh` construction

One of the most current diacritic marks in Hebrew is dagesh. If Hebrew is quite rarely used in mathematical composition, to our knowledge it appeared one time in a logic book with Hebrew letters from aleph to gimmel with, or not, dagesh mark. The fact that this mark cannot be applied by simply putting aside lead pieces lead us to design particular characters for those cases. The big question was how to switch from normal characters to marked ones. The last solution is to use ligaturing properties to make a dagesh mark meeting a Hebrew character becoming a dagesh marked Hebrew character. This means that a dagesh sign had to be designed, and that it had to have a nice behavior with other characters. By now, we don't know if the solution that we retain could be considered as a canonical one. It's just the one that is built-in the current version of our fonts. Look at samples below:

אָבְרָהָם

Mbb, the regular blackboard serie

The following font is actually the only one that is fully supported. This essentially means that evolution of metrical properties will be based on them. Other series could get some improvement as this one may do (I hope so), but that's not certain...

mhb10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	«	»	“	”	„	¡	"0x
'01x	¿	ct	st	ff	fi	fl	ffi	fff	
'02x	ı	j	˘	˙	˚	˛	-	°	"1x
'03x	ˆ	ß	œ	œ	ø	Æ	Œ	∅	
'04x		!	"	#	\$	%	&	'	"2x
'05x	()	*	+	,	-	.	/	
'06x	0	1	2	3	4	5	6	7	"3x
'07x	8	9	:	;	<	=	>	?	
'10x	@	A	B	C	D	E	F	G	"4x
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	"5x
'13x	X	Y	Z	[\]	^	·	

'14x	‘	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	"6x
'15x	Ⓗ	Ⓘ	Ⓝ	Ⓚ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	
'16x	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	"7x
'17x	Ⓧ	Ⓨ	Ⓩ	—	—	“	≈	..	
'20x	Ⓢ	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	"8x
'21x	Ⓖ	Ⓘ	Ⓝ	Ⓚ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	
'22x	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	"9x
'23x	Ⓧ	Ⓨ	Ⓩ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	Ⓛ	
'24x	Ⓢ	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	"Ax
'25x	Ⓖ	Ⓘ	Ⓝ	Ⓚ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	
'26x	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	"Bx
'27x	Ⓧ	Ⓨ	Ⓩ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	Ⓛ	
'30x	Ⓢ	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	"Cx
'31x	Ⓖ	Ⓘ	Ⓝ	Ⓚ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	
'32x	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	"Dx
'33x	Ⓧ	Ⓨ	Ⓩ	{		}	()	
'34x	Ⓢ	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	"Ex
'35x	Ⓖ	Ⓘ	Ⓝ	Ⓚ	Ⓛ	Ⓜ	Ⓨ	Ⓞ	
'36x	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	"Fx
'37x	Ⓧ	Ⓨ	Ⓩ	€	£	¢	¥	•	
	"8	"9	"A	"B	"C	"D	"E	"F	

On November 14, 1885, Senator & Mrs. Leland Stanford called together at their San Francisco mansion the 24 prominent men who had been chosen as the first trustees of The Leland Stanford Junior University. They handed to the board the Founding Grant of the University, which they had executed three days before. This document—with various amendments, legislative acts, and court decrees—remains as the University’s charter. In bold, sweeping language it stipulates that the objectives of the University are “to qualify students for personal success and direct usefulness in life; and to promote the publick welfare by exercising an influence in behalf of humanity and civilization, teaching the blessings of liberty regulated by law, and inculcating love and reverence for the great principles of government as derived from the inalienable rights of man to life, liberty, and the pursuit of happiness.” ¿But aren’t Kafka’s Schloß and AEsop’s Œuvres often naïve vis-à-vis the dæmonic phœnix’s official rôle in fluffy soufflés? (¡THE DAZED BROWN FOX QUICKLY GAVE 12345–67890 JUMPS!)

Àngelà Beatrice Claire Diana Érica Françoise Ginette Hélène Iris Jackie Kären Laura María Nāta Iie Øctave Pauline Quêneau Roxanne Sabine Tǎja Uršula Vivian Wendy Xanthippe Yvonne Zäzilie

Mbbx, the regular blackboard bold extended serie

mbbx10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	«	»	“	”	„	¡	"0x
'01x	¿	€	£	ff	fl	fl	ffi	ffl	
'02x	ı	ı	˘	˙	˚	˛	-	•	"1x
'03x	˚	ß	œ	œ	ø	Æ	Œ	∅	
'04x		!	"	#	\$	%	&	'	"2x
'05x	()	*	+	,	-	.	/	
'06x	0	1	2	3	4	5	6	7	"3x
'07x	8	9	:	;	<	=	>	?	
'10x	@	A	B	C	D	E	F	G	"4x
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	"5x
'13x	X	Y	Z	[\]	^	•	
'14x	‘	ª	b	c	d	e	f	g	"6x
'15x	h	i	j	k	l	m	n	o	
'16x	p	q	r	s	t	u	v	w	"7x
'17x	x	y	z	-	—	“	”	„	
'20x	ø	A	B	Γ	Δ	E	Z	H	"8x
'21x	Θ	I	K	Λ	M	N	Ξ	O	
'22x	Π	P	Σ	T	Υ	Φ	X	Ψ	"9x
'23x	Ω	F	∇	∏	∪	∫	∇	λ	
'24x	ð	α	β	γ	δ	ε	ζ	η	"Ax
'25x	θ	ι	κ	λ	μ	ν	ξ	ο	
'26x	π	ρ	σ	τ	υ	φ	χ	ψ	"Bx
'27x	ω	ε	ϑ	κ	ω	ρ	ς	φ	
'30x	ℵ	ℶ	ℷ	ℸ	ℹ	℺	℻	ℼ	"Cx
'31x	ℽ	ℾ	ℿ	␣	␣	␣	␣	␣	
'32x	ℿ	␣	␣	␣	␣	␣	␣	␣	"Dx
'33x	␣	␣	␣	{		}	()	
'34x	␣	␣	␣	␣	␣	␣	␣	␣	"Ex
'35x	␣	␣	␣	␣	␣	␣	␣	␣	
'36x	␣	␣	␣	␣	␣	␣	␣	␣	"Fx
'37x	␣	␣	␣	€	£	¢	¥	•	
	"8	"9	"A	"B	"C	"D	"E	"F	

On November 14, 1885, Senator & Mrs. Leland Stanford called together at their San Francisco mansion the 24 prominent men who had been chosen as the first trustees of The Leland Stanford Junior University. They handed to the board the Founding Grant of the University, which they had executed three days before. This document—with various amendments, legislative acts, and court

decrees—remains as the University’s charter. In bold, sweeping language it stipulates that the objectives of the University are “to qualify students for personal success and direct usefulness in life; and to promote the publick welfare by exercising an influence in behalf of humanity and civilization, teaching the blessings of liberty regulated by law, and inculcating love and reverence for the great principles of government as derived from the inalienable rights of man to life, liberty, and the pursuit of happiness.” ;But aren’t Kafka’s Schloß and AEsop’s CEuvres often naïve vis-à-vis the dæmonic phœnix’s official rôle in fluffy soufflés? (;THE DAZED BROWN FOX QUICKLY GAVE 12345–67890 JUMPS!)

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Mbbr, a variant that may look better for text (unsupported yet)

mbbr10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	«	»	“	”	„	¡	"0x
'01x	¿	ct	st	ff	fi	fl	ffi	fff	
'02x	ı	ı	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	"1x
'03x	ı	ß	æ	œ	ø	Æ	Œ	Ø	
'04x		!	"	#	\$	%	&	'	"2x
'05x	()	*	+	,	-	.	/	
'06x	0	1	2	3	4	5	6	7	"3x
'07x	8	9	:	;	<	=	>	?	
'10x	@	A	B	C	D	E	F	G	"4x
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	"5x
'13x	X	Y	Z	[\]	^	˙	
'14x	'	a	b	c	d	e	f	g	"6x
'15x	h	i	j	k	l	m	n	o	
'16x	p	q	r	s	t	u	v	w	"7x
'17x	x	y	z	-	—	”	~	..	
'20x	ø	Α	Β	Γ	Δ	Ε	Ζ	Η	"8x
'21x	Θ	Ι	Κ	Λ	Μ	Ν	Ξ	Ο	
'22x	Π	Ρ	Σ	Τ	Υ	Φ	Χ	Ψ	"9x
'23x	Ω	ƒ	∇	∏	∪	∫	∂	λ	
'24x	ð	α	β	γ	δ	ε	ζ	η	"Ax
'25x	θ	ι	κ	λ	μ	ν	ξ	ο	
'26x	π	ρ	σ	τ	υ	φ	χ	ψ	"Bx
'27x	ω	ε	θ	κ	ω	ϱ	ς	φ	

'30x	⌘	⋈	⋉	⋊	⋋	⋌	⋍	⋎	"Cx
'31x	⋏	⋐	⋑	⋒	⋓	⋔	⋕	⋖	
'32x	⋗	⋘	⋙	⋚	⋛	⋜	⋝	⋞	"Dx
'33x	⋟	⋠	⋡	⋢	⋣	⋤	⋥	⋦	
'34x	⋧	⋨	⋩	⋪	⋫	⋬	⋭	⋮	"Ex
'35x	⋯	⋰	⋱	⋲	⋳	⋴	⋵	⋶	
'36x	⋷	⋸	⋹	⋺	⋻	⋼	⋽	⋾	"Fx
'37x	⋿	⋰	⋱	⋲	⋳	⋴	⋵	⋶	
	"8	"9	"A	"B	"C	"D	"E	"F	

On November 14, 1885, Senator & Mrs. Leland Stanford called together at their San Francisco mansion the 24 prominent men who had been chosen as the first trustees of The Leland Stanford Junior University. They handed to the board the Founding Grant of the University, which they had executed three days before. This document—with various amendments, legislative acts, and court decrees—remains as the University's charter. In bold, sweeping language it stipulates that the objectives of the University are "to qualify students for personal success and direct usefulness in life; and to promote the publick welfare by exercising an influence in behalf of humanity and civilization, teaching the blessings of liberty regulated by law, and inculcating love and reverence for the great principles of government as derived from the inalienable rights of man to life, liberty, and the pursuit of happiness." ;But aren't Kafka's Schloß and Æsop's Œuvres often naïve vis-à-vis the dæmonic phœnix's official rôle in fluffy soufflés? (;THE DAZED BROWN FOX QUICKLY GAVE 12345–67890 JUMPS!)

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Mbbi, an italic version (unsupported yet)

mbbi10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	«	»	Ɀ	Ɀ	Ɀ	ı	"0x
'01x	ı	ct	st	ff	fi	ff	ffi	fff	
'02x	ı	ı	˘	˘	˘	˘	-	˙	"1x
'03x	ı	B	œ	œ	ø	Æ	Œ	Ø	
'04x		!	"	#	\$	%	&	'	"2x
'05x	()	*	+	,	-	.	/	
'06x	ø	ı	2	3	4	5	6	7	"3x
'07x	B	g	:	;	<	=	>	?	
'10x	@	A	B	C	D	E	F	G	"4x
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	"5x
'13x	X	Y	Z	[\]	^	˙	

'14x	‘	ⱱ	Ⱳ	ⱳ	ⱴ	Ⱶ	ⱶ	ⱷ	"6x
'15x	ⱸ	ⱹ	ⱺ	ⱻ	ⱼ	ⱽ	Ȿ	Ɀ	
'16x	Ɀ	Ɀ	Ɀ	Ɀ	Ɀ	Ɀ	Ɀ	Ɀ	"7x
'17x	x	y	z	–	—	∞	~	∞	
'20x	Ɀ	A	B	Γ	Δ	E	Z	H	"8x
'21x	⊖	⊗	⊘	⊙	⊚	⊛	⊜	⊝	
'22x	⊞	⊟	⊠	⊡	⊢	⊣	⊤	⊥	"9x
'23x	⊦	⊧	⊨	⊩	⊪	⊫	⊬	⊭	
'24x	⊮	⊯	⊰	⊱	⊲	⊳	⊴	⊵	"Ax
'25x	⊶	⊷	⊸	⊹	⊺	⊻	⊼	⊽	
'26x	⊾	⊿	Ⰰ	Ⰱ	Ⰲ	Ⰳ	Ⰴ	Ⰵ	"Bx
'27x	Ⰶ	Ⰷ	Ⰸ	Ⰹ	Ⰺ	Ⰻ	Ⰼ	Ⰽ	
'30x	Ⰾ	Ⰿ	Ⱀ	Ⱁ	Ⱂ	Ⱃ	Ⱄ	Ⱅ	"Cx
'31x	Ⱆ	Ⱇ	Ⱈ	Ⱉ	Ⱊ	Ⱋ	Ⱌ	Ⱍ	
'32x	Ⱎ	Ⱏ	Ⱐ	Ⱑ	Ⱒ	Ⱓ	Ⱔ	Ⱕ	"Dx
'33x	Ⱖ	Ⱗ	Ⱘ	Ⱙ	Ⱚ	Ⱛ	Ⱜ	Ⱝ	
'34x	Ⱞ	Ⱟ	ⰰ	ⰱ	ⰲ	ⰳ	ⰴ	ⰵ	"Ex
'35x	ⰶ	ⰷ	ⰸ	ⰹ	ⰺ	ⰻ	ⰼ	ⰽ	
'36x	ⰿ	ⱀ	ⱁ	ⱂ	ⱃ	ⱄ	ⱅ	ⱆ	"Fx
'37x	ⱇ	ⱈ	ⱉ	ⱊ	ⱋ	ⱌ	ⱍ	ⱎ	
	"8	"9	"A	"B	"C	"D	"E	"F	

On November 14, 1885, Senator & Mrs. Leland Stanford called together at their San Francisco mansion the 24 prominent men who had been chosen as the first trustees of The Leland Stanford Junior University. They handed to the board the Founding Grant of the University, which they had executed three days before. This document—with various amendments, legislative acts, and court decrees—remains as the University’s charter. In bold, sweeping language it stipulates that the objectives of the University are “to qualify students for personal success and direct usefulness in life; and to promote the publick welfare by exercising an influence in behalf of humanity and civilization, teaching the blessings of liberty regulated by law, and inculcating love and reverence for the great principles of government as derived from the inalienable rights of man to life, liberty, and the pursuit of happiness.” ¿But aren’t Kafka’s Schloß and Aesop’s Œuvres often naïve vis-à-vis the dæmonic phœnix’s official rôle in fluffy soufflés? (¡THE DAZED BROWN FOX QUICKLY GAVE 12345-67890 JUMPS!)

Ångelå Beatrice Claire Diana Érica Françoise Ginette Hélène Iris Jackie Kären Laura María Näta lie Øctave Pauline Quêneau Roxanne Sabine Tāja Uršula Vivian Wendy Xanthippe Yvonne Züzillie

Mbbsl, a slanted version (unsupported yet)

mbbsl10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	<<	>>	“	”	„	¡	"0x
'01x	¿	ct	st	ff	fi	fl	ffi	fff	
'02x	ı	ı	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	"1x
'03x	ı	B	æ	œ	ø	Æ	Œ	∅	
'04x		!	"	#	\$	%	&	'	"2x
'05x	()	*	+	,	-	.	/	
'06x	0	1	2	3	4	5	6	7	"3x
'07x	8	9	:	;	<	=	>	?	
'10x	@	A	B	C	D	E	F	G	"4x
'11x	H	I	J	K	L	M	N	O	
'12x	P	Q	R	S	T	U	V	W	"5x
'13x	X	Y	Z	[\]	^	˙	
'14x	‘	a	b	c	d	e	f	g	"6x
'15x	h	i	j	k	l	m	n	o	
'16x	p	q	r	s	t	u	v	w	"7x
'17x	x	y	z	-	—	∞	~	..	
'20x	ø	A	B	Γ	Δ	E	Z	H	"8x
'21x	Θ	I	K	Λ	M	N	Ξ	O	
'22x	Π	P	Σ	T	Υ	Φ	X	Ψ	"9x
'23x	Ω	F	∇	∏	∪	∫	∂	λ	
'24x	∂	α	β	γ	δ	ε	ζ	η	"Ax
'25x	θ	ι	κ	λ	μ	ν	ξ	ο	
'26x	π	ρ	σ	τ	υ	φ	χ	ψ	"Bx
'27x	ω	ε	∂	κ	ω	ϑ	ς	φ	
'30x	X	⌈	⌋	⌈	⌋	⌈	⌋	⌋	"Cx
'31x	U	ı	ı	ı	ı	ı	ı	ı	
'32x	J	U	U	ı	ı	P	Y	ı	"Dx
'33x	ı	W	Π	{		}	[]	
'34x	X	⌈	⌋	⌈	⌋	ı	ı	ı	"Ex
'35x	U	ı	ı	ı	ı	ı	ı	ı	
'36x	J	U	U	ı	ı	P	Y	ı	"Fx
'37x	ı	W	Π	€	£	¢	¥	˙	
	"8	"9	"A	"B	"C	"D	"E	"F	

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'30x	À	Á	Â	Ã	Ä	Å	Æ	Ç	"Cx
'31x	È	É	Ê	Ë	Ì	Í	Î	Ï	
'32x	Ð	Ñ	Ò	Ó	Ô	Õ	Ö	Œ	"Dx
'33x	Ø	Ù	Ú	Û	Ü	Ý	Þ	Š	
'34x	à	á	â	ã	ä	å	æ	ç	"Ex
'35x	è	é	ê	ë	ì	í	î	ï	
'36x	ð	ñ	ò	ó	ô	õ	ö	œ	"Fx
'37x	ø	ù	ú	û	ü	ý	þ	š	
	"8	"9	"A	"B	"C	"D	"E	"F	

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Angela Beatrice Claire Diana Érica Francoise Ginette Helgøne Iris Jackie Kæren Laura Mar“a Ngta l“e ffctave Pauline Quêneau Roxanne Sabine Tã“a Ursula Vivian Wendy Xanthippe Yvfinne Zazilie

Mbbgr, why not some Greek version? (unsupported yet)

The following font consists only of a fairly simple rewriting of some driver file. Encoding has been inspired by Silvio Levy’s work and some foregoing contributors. It is not (at that time) supposed to be a complete Greek font.

mbbgr10	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	<	>	«	»	σσ	σσ	σσ	ι	"0x
'01x	¿								
'02x	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	"1x
'03x	ˆ								
'04x		!	“	#	\$	%	&	’	"2x
'05x	()	*	+	ˆ	-	.	/	
'06x	0	1	2	3	4	5	6	7	"3x
'07x	8	9	:	;	<	=	>	?	

'10x	⊙	A	B		Δ	E	Φ	Γ	"4x
'11x	H	I	Θ	K	Λ	M	N	O	
'12x	Π	X	P	Σ	T	Υ		Ω	"5x
'13x	Ξ	Ψ	Z	[\]	^	·	
'14x	´	α	β	ζ	δ	ε	φ	γ	"6x
'15x	η	ι	θ	κ	λ	μ	ν	ο	
'16x	π	χ	ρ	σ	τ	υ		ω	"7x
'17x	ξ	ψ	ζ	—	—	∞	~	∞	
	"8	"9	"A	"B	"C	"D	"E	"F	

Ον Νοεμβερ 14, 1885, Σενατορ & Μρσ. Λελωνδ Στανφορνδ ζαλλεδ τοχετηερ ατ τηειρ Σαν Φρανζισκο μανσιον τηε 24 προμινευτ μεν ωηο ηαδ βεεν ζηοσειν ασ τηε φηρστ τρυστεεσ οφ Τηε Λελωνδ Στανφορνδ Θυνιορ Υνιερσιτψ. Τηεψ ηανδεδ το τηε βοαρδ τηε Φουνδινγ Γραντ οφ τηε Υνιερσιτψ, ωηιζη τηεψ ηαδ εξεκυτεδ τηρεε δαψσ βεφορε. Τηησ δοσυμεντ—ωιτη αριουσ αμενδμεντσ, λεγισ-λατιε αςτσ, ανδ ζουρτ δεςρεεσ—ρεμαινσ ασ τηε Υνιερσιτψ'σ ζηαρτερ. Ιν βολδ, σωεεπιλυ λωνχυαχε ιτ στυπυλατεσ τηατ τηε οβθεζτιεσ οφ τηε Υνιερσιτψ αρε "το χυαλιψ στυδευτσ φορ περσοναλ συςζεσσ ανδ διρεζτ υσεφυλνεσσ ιν λιφε; ανδ το προμοτε τηε πυβλιςκ ωελφαρε βψ εξερσισινγ αν ινφλυενζε ιν βεηαλφ οφ ηημανιτψ ανδ ζιλιζατιον, τεαζηηλυ τηε βλεσσινγσ οφ λιβερτψ ρεγυλατεδ βψ λαω, ανδ ινζυλζατιλυ λοε ανδ ρεερενζε φορ τηε γρεατ πρινσιπλεσ οφ γο-ερυμεντ ασ δεριεδ φρομ τηε ιναλιεναβλε ριχητσ οφ μαν το λιφε, λιβερτψ, ανδ τηε πυρσιτ οφ ηαππινεσσ." ¿Βυτ αρεν'τ Καφκα'σ Σζηηλο ανδ σοπ'σ υρεσ οφτεν να'ε ισ-ω-ισ τηε δμοιης πηηηξ'σ οφφιζιαλ ρθλε ιν φλυφφψ σουφφλξσ? (¡THE ΔΑΖΕΔ ΒΡΟΩΝ ΦΟΞ ΧΥΙΚΛΨ ΓΑΕ 12345-67890 ΘΥΜΠΣ!)

Άγγελᾶ Βεατριζε λαιρε Διωνᾶ Ἐριζα Φρανζοισε Γινεττε Ηέλενε Ιρισ Θασκιε Κᾶρεν Λαυρά Μαρᾶ Νᾶτα λ'ε ζταε Παυλινε Χυένεαυ Ροξᾶννε Σαβλινε Τᾶᾶ α Υρᾶυλα ιιαν Νενδψ Ξαντηπιπε Ψννε Ζᾶζιλιε

Mbbheb, what about a Hebrew version? (unsupported yet)

The following font should not be taken too seriously. There are at least three reasons for that. The first one is that it seems to contain a lot of diacritic marks, but the fact is that we don't know how to deal with them. If they are to be handled by a `\accent` mecanism, their metrical design should fit that. If they are not, what should be done? Secondly, there is the great encoding matter. I can't remember why I choosed the following encoding. It was inspired, I think, by some comparisons with existing ones, expecially with unicode specifications and with Yannis Haralambous' work on tiqwah fonts. The last reason that comes to my mind is that I know nothing about Hebrew and, furthermore, about Hebrew typographical composition. So, most of this serie is a first draft for an unexpectable and unusefull Hebrew font.

mhbheb10	'0	'1	'2	'3	'4	'5	'6	'7	
'02x	·	ˆ	◦	⋈	⋈	⋈	˘	◦	"1x
'03x	∞	˘	<	∞	˘	˘	˘	∞	

