Mcal and Mecal fonts

Informations

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A few years ago, I found on CTAN a magnificent script font called *Calligra* (`callig15`). At that time I could not understand why it doesn't work properly. As I lurn more about MetaFont programming, I could go inside *Calligra*'s code and begin to understand what to do.

I didn't know who was the author, or the true author, of this font, but it became clear that the MetaFont source was automatically generated and that no, or almost no, hand-tuning has been done. There was no italic correction, some characters were missing, some widths were definitely wrong.

What I have done is : set italic-correction, check metrics, add new characters, extra sizes (based on *Computer Modern*'s scale for small sizes), etc. Type for instance

```
mf mcal15; gftodvi mcal15; xdvi mcal15
```

to see full details (or the same with `mcal10`, `mecal15` and `mecal10`). Most details are told in the file `calbase.mf`.

What I've not done is: hint the characters, make sure that not too many different italic corrections, heights, or depths won't be conflicting, etc.

I cannot claim any right on those fonts even if my work on this code was quite heavy.

mcal15. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal12. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal10. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal9. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal8. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal7. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal6. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

mcal5. — ABCDEFGHIJKLMNOPQRTSUVWXYZ abcdefghijklmnopqrstuvwxyz ÆŒEØæœøß+ = # £ 1234567890 $ & () []

McalXX, partially OT1-encoded fonts

mcal15	´0	´1	´2	´3	´4	´5	´6	´7	
´00x									″0x
´01x				ff	fi	fl	ffi	ffl	
´02x	ı	ȷ	`	´	ˇ	˘	¯	˚	″1x
´03x	¸	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	[	“	]	ˆ	˙	
´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	–	—	˝	˜	¨	
	″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 DAŽED BROWN FOX QUICKLY GAVE 12345–67890 JUMPS!)

˚Angelå Beatrice Claire Diana Érica Françoise Ginette Hélène Iris Jackie Kāren Laura Maria Nãta lie Øctave Pauline Quêneau Roxanne Sabine Tãja Uršula Vivian Wendy Xanthippe Yvønne Žäzilie

MecalXX, partially T1-encoded fonts

mecal15	´0	´1	´2	´3	´4	´5	´6	´7	
´00x	`	´	ˆ	˜	¨		˚	ˇ	″0x
´01x	˘		˙				‹	›	
´02x	“	”	„	«	»	–	—		″1x
´03x	o	ı	ȷ	ff	fi	fl	ffi	ffl	
´04x		!	"	ı	$	%	&	’	″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	{		}	~	-	
´22x									″9x
´23x	Ÿ								
´26x									″Bx
´27x	ÿ					¡	¿	£	
´30x	À	Á	Â	Ã	Ä	Å	Æ	Ç	″Cx
´31x	È	É	Ê	Ë	Ì	Í	Î	Ï	
´32x		Ñ	Ò	Ó	Ô	Õ	Ö	Œ	″Dx
´33x	Ø	Ù	Ú	Û	Ü				
´34x	à	á	â	ã	ä	å	æ	ç	″Ex
´35x	è	é	ê	ë	ì	í	î	ï	
´36x		ñ	ò	ó	ô	õ	ö	œ	″Fx
´37x	ø	ù	ú	û	ü			ß	
	″8	″9	″A	″B	″C	″D	″E	″F	

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