

1 Tables

Code	tgpm	tgsm	tgdm	tgtn	tgbm	lmm	lbm	nsm*	dvsr	stm	dvsn	ns	fss	am	c	sn	xm	qq
120462	e	e	e	e	e	e	e	e	□	e	□	□	e	e	?	e	e	e
120463	f	f	f	f	f	f	f	f	□	f	□	□	f	f	?	f	f	f
120464	g	g	g	g	g	g	g	g	□	g	□	□	g	g	?	g	g	g
120465	h	h	h	h	h	h	h	h	□	h	□	□	h	h	?	h	h	h
120466	i	i	i	i	i	i	i	i	□	i	□	□	i	i	?	i	i	i
120467	j	j	j	j	j	j	j	j	□	j	□	□	j	j	?	j	j	j
120468	k	k	k	k	k	k	k	k	□	k	□	□	k	k	?	k	k	k
120469	l	l	l	l	l	l	l	l	□	l	□	□	l	l	?	l	l	l
120470	m	m	m	m	m	m	m	m	□	m	□	□	m	m	?	m	m	m

KEY— **tgpm** = TexGyrePagella-Math **tgsm** = TexGyreSchola-Math **tgdm** = TexGyreDejaVu-Math **tgtn** = TexGyreTermes-Math **tgbm** = TexGyreBonum-Math **lmm** = LatinmodernMath **lbm** = LibertinusMath **nsm*** = Noto Sans Math **dvsr** = DejaVu Serif **stm** = StixTwoMath **dvsn** = DejaVu Sans **ns** = Noto Serif **fss** = FreeSerif **am** = AsanaMath **c** = Catrinity **sn** = StixMath **xm** = XITSMath **qq** = Quivira

Code	asap	coch	coela	ebgi	feta
182	¶	¶	¶	□	Ú
167	§	§	§	□	Š
80	P	P	P	□	P
81	Q	Q	Q	□	Q
82	R	R	R	□	R
83	S	S	S	□	S
84	T	T	T	□	T

KEY— **asap** = Asap-Symbol **coch** = Cochineal-Roman **coela** = CoelacanthHeavy **ebgi** = EBGaramond-Initials **feta** = ffbw10

2 Usage

–To load a set of *<fontname>;* lookup pairs into a list called **fontdemo1**, do:

```
\mfsloadaseq{<fontlist>}{<data>}
```

EXAMPLE

```
\mfsloadaseq{fontdemo1}{  
Erewhon-Italic;ere  
,fbb-Italic;fbb  
,FourierOrns-Italic;forn  
,FiraSans-BookItalic;fira  
,Kinnari-Italic;kin  
}
```

- Allocate a font switch `\mfs` for each `<fontname>` in font list `fontdemo1` with:

```
\mfsallocatefonts{<fontlist>}
```

EXAMPLE

```
\mfsallocatefonts{fontdemo1}
```

This does a `\newfontface{<\mfs>}{<fontname>}`.

- To load a set of `<range start>;<range finish>` glyph codepoint lookup pairs into a list called `syndemo1`, do:

```
\mfsloadaseq{<symbol list>}{<data>}
```

EXAMPLE

```
\mfsloadaseq{syndemo1}{  
97;99  
,102;104
```

```
, 35;38  
}
```

If desired, sort the symbol range list into ascending order by the first element of each codepoint range pair with:

```
\mfssortaseqnum{<symbol list>}{<ascending operator>}
```

EXAMPLE

```
\mfssortaseqnum{symdemo1}{>}
```

Add other symbol lists, if desired.

– Generate a ** table with:

```
\mfsgeneratetable{<font list>}{<symbol list>}
```

EXAMPLE

```
\mfsgeneratetable{fontdemo1}{symdemo1}
```

Code	ere	fbf	for	fir	kin
35	#	#	☒	#	#
36	\$	\$	☒	\$	\$
37	%	%	% _{oo}	%	%
38	&	&	☒	&	&
97	<i>a</i>	<i>a</i>	☒	<i>a</i>	<i>a</i>
98	<i>b</i>	<i>b</i>	☒	<i>b</i>	<i>b</i>
99	<i>c</i>	<i>c</i>	☒	<i>c</i>	<i>c</i>
102	<i>f</i>	<i>f</i>	☒	<i>f</i>	<i>f</i>
103	<i>g</i>	<i>g</i>	☒	<i>g</i>	<i>g</i>
104	<i>h</i>	<i>h</i>	☒	<i>h</i>	<i>h</i>

KEY – **ere** = Erewhon-Italic **fbf** = fbb-Italic **forn** = FourierOrns-Italic **fira** = FiraSans-BookItalic **kin** = Kinnari-Italic

EXAMPLE

```
\mfsgeneratetable{fontdemo1}{sydemo2}
```

Code	ere	fbf	forn	fira	kin
77	<i>M</i>	<i>M</i>	𐌚	<i>M</i>	<i>M</i>
78	<i>N</i>	<i>N</i>	𐌛	<i>N</i>	<i>N</i>
79	<i>O</i>	<i>O</i>	𐌜	<i>O</i>	<i>O</i>

KEY – **ere** = Erewhon-Italic **fbf** = fbb-Italic **forn** = FourierOrns-Italic **fira** = FiraSans-BookItalic **kin** = Kinnari-Italic

– Loading data into an existing list overwrites the previous content.

EXAMPLE

```
\mfsloadaseq{fontdemo3}{MnSymbol10;mns}
\mfsallocatefonts{fontdemo3}
\mfsloadaseq{fontdemo3}{Punk Nova;pun}
\mfsallocatefonts{fontdemo3}
\mfsgeneratetable{fontdemo3}{sydemo2}
```

Code	pun
77	<i>M</i>
78	<i>N</i>
79	<i>O</i>

KEY – **pun** = Punk Nova

- To print symbols inline for a font, use:

$$\backslash\mathrm{mfssyminline}\{\langle font\ alias\rangle\}\{\langle symbol\ list\rangle\}$$

EXAMPLE

```
\newcommand\asciirange{32;126}
\mfsloadaseq{asciilist}{\asciirange}
The ASCII-range symbols in forn are:
\mfssyminline{forn}{asciilist}
```

produces:

[illegible]

Only existing glyphs in the font are printed; empty slots are ignored.

- To print a symbol inline in various fonts, use:

$$\backslash\mathrm{mfsfontinline}\{\langle fontlist\rangle\}\{\langle symbol-range\ alias\rangle\}$$

The starred version of the command prints a font key.

EXAMPLE

Lowercase Latin blackboard bold ``a'`` in the selected fonts:

```
\mfsfontinline{fontlist}{120146;120146}
```



```
\mfsfontinline*{fontlist}{120146;120146}
```

produces:

Lowercase Latin blackboard bold “a” in the selected fonts: **aa a a a o a d a d a d a a a a o**

a a a a a o a a a a a a a a a

KEY– TexGyrePagella-Math; TexGyreSchola-Math; TexGyreDejaVu-Math; TexGyreTermes-Math; TexGyreBonum-Math; LatinmodernMath; LibertinusMath; Noto Sans Math; DejaVu Serif; StixTwoMath; DejaVu Sans; Noto Serif; FreeSerif; AsanaMath; Catrinity; StixMath; XITSMath; Quivira;

Only existing glyphs are printed; any empty slots are ignored.

3 Table of nu

	Code	tgpm	tgsn	tgdsm	tgtm	tgbm	lmm	lbm	nsm*	dvsr	stm	dvsn	ns	fss	am	c	sn	xm	qq
	957	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	120526	v	v	v	v	v	v	v	v	□	v	□	□	v	v	v	v	v	v
	120584	v	v	v	v	v	v	v	v	□	v	□	□	v	v	v	v	v	v
	120642	v	v	v	v	v	v	v	v	□	v	□	□	v	v	v	v	v	v
	120700	v	v	v	v	v	v	v	v	□	v	□	□	v	v	v	v	v	v
	120758	v	v	v	v	v	v	v	v	□	v	□	□	v	v	v	v	v	v

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4 Toolchain Summary

```
\mfsloadaseq{myfontlist}{
Noto Serif;serif
,Noto Sans;sans
,Noto Sans Mono;mono
}
\mfssortaseq{myfontlist}{<}
\mfsallocatefonts{myfontlist}
\mfsloadaseq{mysymbols}{
480;495
}
\mfsgeneratetable{myfontlist}{mysymbols}

\biggerskip
Inline serif = \mfssyminline{serif}{mysymbols}
```

Code	mono	serif	sans
480	Ä	Ä	Ä
481	ä	ä	ä
482	Æ	Æ	Æ
483	æ	æ	æ
484	G	G	G
485	g	g	g
486	Ğ	Ğ	Ğ
487	ğ	ğ	ğ
488	Ķ	Ķ	Ķ
489	ķ	ķ	ķ
490	Q	Q	Q
491	q	q	q
492	Ū	Ū	Ū
493	ū	ū	ū
494	Ž	Ž	Ž
495	ž	ž	ž

KEY

– mono = Noto Sans Mono serif = Noto Serif
sans = Noto Sans

Inline serif = Ä ä Æ æ G g Ğ ğ Ķ ķ Q q Ū ū Ž ž

Code	serifl	sansl	monol	monob	dvserif	gen	dvsans	serifb	free	doulos	sansb
460	nj	nj	nj	nj	nj	nj	nj	nj	nj	nj	nj
461	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ	Ǻ
462	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ	ǻ
500	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć	Ć
501	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć	ć
502	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ	Ĥ
503	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ	ĥ
640	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ	Ŕ
641	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ	ŕ
642	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ	Ŗ
643	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ	ŗ
644	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř	ř
645	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ	ŀ
646	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ	ľ
955	λ	λ	λ	λ	λ	λ	λ	λ	λ	λ	λ
956	μ	μ	μ	μ	μ	μ	μ	μ	μ	μ	μ
957	v	v	v	v	v	v	v	v	v	□	v
958	ξ	ξ	ξ	ξ	ξ	ξ	ξ	ξ	ξ	□	ξ
959	o	o	o	o	o	o	o	o	o	□	o

KEY— **serifl**=Liberation Serif **sansl**=Liberation Sans **monol**=Liberation Mono **monob**=Noto Sans Mono
dvserif=DejaVu Serif **gen**=Gentium Plus **dvsans**=DejaVu Sans **serifb**=Noto Serif **free**=Free Serif **doulos**=
Doulos SIL **sansb**=Noto Sans

Code	tgpm	tgsm	tgdm	tgtn	tgbm	lmm	lbm	nsm*	dvsr	stm	dvsn	ns	fss	am	c	sn	xm	qq
120146	a	a	a	a	a	o	a	a	a	a	a	□	a	a	a	a	a	a
120147	b	b	b	b	b	b	b	b	b	b	b	□	b	b	b	b	b	b
120148	c	c	c	c	c	c	c	c	c	c	c	□	c	c	c	c	c	c
120149	d	d	d	d	d	d	d	d	d	d	d	□	d	d	d	d	d	d
120150	e	e	e	e	e	e	e	e	e	e	e	□	e	e	e	e	e	e
120151	f	f	f	f	f	f	f	f	f	f	f	□	f	f	f	f	f	f
120152	g	g	g	g	g	g	g	g	g	g	g	□	g	g	g	g	g	g
120153	h	h	h	h	h	h	h	h	h	h	h	□	h	h	h	h	h	h
120154	i	i	i	i	i	i	i	i	i	i	i	□	i	i	i	i	i	i
120155	j	j	j	j	j	j	j	j	j	j	j	□	j	j	j	j	j	j
120156	k	k	k	k	k	k	k	k	k	k	k	□	k	k	k	k	k	k
120157	l	l	l	l	l	l	l	l	l	l	l	□	l	l	l	l	l	l
120158	m	m	m	m	m	m	m	m	m	m	m	□	m	m	m	m	m	m
120159	n	n	n	n	n	n	n	n	n	n	n	□	n	n	n	n	n	n
120160	o	o	o	o	o	o	o	o	o	o	o	□	o	o	o	o	o	o
120161	p	p	p	p	p	p	p	p	p	p	p	□	p	p	p	p	p	p
120162	q	q	q	q	q	q	q	q	q	q	q	□	q	q	q	q	q	q
120163	r	r	r	r	r	r	r	r	r	r	r	□	r	r	r	r	r	r
120164	s	s	s	s	s	s	s	s	s	s	s	□	s	s	s	s	s	s
120165	t	t	t	t	t	t	t	t	t	t	t	□	t	t	t	t	t	t
120166	u	u	u	u	u	u	u	u	u	u	u	□	u	u	u	u	u	u
120167	v	v	v	v	v	v	v	v	v	v	v	□	v	v	v	v	v	v
120168	w	w	w	w	w	w	w	w	w	w	w	□	w	w	w	w	w	w
120169	x	x	x	x	x	x	x	x	x	x	x	□	x	x	x	x	x	x
120170	y	y	y	y	y	y	y	y	y	y	y	□	y	y	y	y	y	y
120171	z	z	z	z	z	z	z	z	z	z	z	□	z	z	z	z	z	z

KEY— **tgpm** = TexGyrePagella-Math **tgsm** = TexGyreSchola-Math **tgdm** = TexGyreDejaVu-Math **tgtn** = TexGyreTermes-Math **tgbm** = TexGyreBonum-Math **lmm** = LatinmodernMath **lbm** = LibertinusMath **nsm*** = Noto Sans Math **dvsr** = DejaVu Serif **stm** = StixTwoMath **dvsn** = DejaVu Sans **ns** = Noto Serif **fss** = FreeSerif **am** = AsanaMath **c** = Catrinity **sn** = StixMath **xm** = XITSMath **qq** = Quivira