

1 Tables

Code	tgpm	tgsm	tgdm	tgtn	gfs	tgbm	lmm	lbm	stm	fss	sn	xm	qq
120462	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
120464	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
120466	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
120468	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
120470	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 **gfs** = GFSNeoHellenicMath **tgbm** = TexGyreBonum-Math **lmm** = LatinmodernMath **lbm** = LibertinusMath **stm** = StixTwoMath **fss** = FreeSerif **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*;*font alias* 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 `symdemo1`, do:

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

EXAMPLE

```
\mfsloadaseq{symdemo1}{  
  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	%	%	% _{ooo}	%	%
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 **for** = FourierOrns-Italic **fir** = FiraSans-BookItalic **kin** = Kinnari-Italic

EXAMPLE

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

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

KEY— **ere** = Erewhon-Italic **fbf** = fbf-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, use:

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

EXAMPLE

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

produces:

The ASCII-range symbols in forn are: %ooo 



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

3 Table of nu

Code	tgpm	tgsm	tgdm	tgtn	gfs	tgbm	lmm	lbm	stm	fss	sn	xm	qq
957	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν
120526	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν
120584	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν
120642	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν	ν
120700	ν	ν	ν	ν		ν	ν	ν	ν	ν	ν	ν	ν
120758	ν	ν	ν	ν		ν	ν	ν	ν	ν	ν	ν	ν

KEY– **tgpm** = TexGyrePagella-Math **tgsm** = TexGyreSchola-Math **tgdm** = TexGyreDejaVu-Math **tgtn** = TexGyreTermes-Math **gfs** = GFSNeohellenicMath **tgbm** = TexGyreBonum-Math **lmm** = LatinmodernMath **lbm** = LibertinusMath **stm** = StixTwoMath **fss** = FreeSerif **sn** = StixMath **xm** = XITSMath **qq** = Quivira

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	Q̇	Q̇	Q̇
493	q̇	q̇	q̇
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 Q̇ q̇ Ž ž