

The L^AT_EX metalogox package

v1.02 — 2024/01/12

© 2019, 2023–2024 Brian Dunn
<https://github.com/bdtc/metalogox>

Automatically adjusts the T_EX logo and related, depending on the font.

Font	Default	metalogox
Latin Modern	L ^A T _E X 2 _ε	L ^A T _E X 2 _ε
Erewhon	ℒ _E T _E X 2 _ε	L ^A T _E X 2 _ε
Libre Caslon	L ^A T _E X 2 _ε	L ^A T _E X 2 _ε
IM Fell English	ℒ ^A T _E X 2 _ε	L ^A T _E X 2 _ε
Coelacanth	L ^A T _E X 2 _ε	L ^A T _E X 2 _ε
Alegreya	ℒ _E T _E X 2 _ε	L ^A T _E X 2 _ε
Helvetica	L ^A T _E X 2 _ε	L ^A T _E X 2 _ε
Antiqua	ℒ _E T _E X 2 _ε	L ^A T _E X 2 _ε

Abstract

The metalogox package extends the metalogo package to automatically adjust the appearance of the logos T_EX, L^AT_EX, L^AT_EX 2_ε, X_ƎL^AT_EX, and LuaL^AT_EX, depending on the font detected or the option given to metalogox.

Most of the serif and sans fonts listed at [The L^AT_EX Font Catalogue](#) are supported.

Contents

1	Introduction	3
2	Using the metalogox package	3
3	Code	5
3.1	Required packages	5
3.2	Package options	5
3.2.1	Common synonyms	15
3.2.2	Similar fonts	16
3.3	Manual adjust selection	17
3.4	Font detection	17
3.5	Option declaration	23
3.6	Default settings	23
3.7	Option trigger	23
	Change History and Index	24

1 Introduction

The rendering of the logos \TeX , \LaTeX , $\text{\LaTeX 2}_{\epsilon}$, \XeLaTeX , \XeTeX , and \LuaTeX depends on the font, and in some cases the appearance of these logos may be improved with some minor adjustments of the positions of each of the elements. The `metalogo` package, by ANDREW GILBERT MOSCHOU, allows the user to specify these adjustments, but it is left to the user to determine the values to use. The correct value may depend on the font size, but in most cases predefined settings may be used.

The `metalogox` package assigns these settings for `metalogo`. The default is for `LATIN MODERN` and similar. If the font in use is supported by `metalogox`, settings for that font are automatically assigned, overriding the `LATIN MODERN` default. If the user specifies a package option, its settings override the default and also anything set by font detection.

2 Using the metalogox package

`metalogox` (*Pkg*) In most cases, it is sufficient to simply load the `metalogox` package after the fonts have been selected:

```
\usepackage{<font packages>}
\setmainfont{Font Name}           (if using fontspec)
... etc ...
% \renewcommand{\familydefault}{\sfdefault} (optional)
...
\usepackage{metalogox}
```

Many fonts are supported by `metalogox`, and if one of these is in use then the appropriate settings are assigned automatically, according to the default text body font: $\text{\LaTeX 2}_{\epsilon}$

options If several font packages are used, or a font is not recognized, it may be necessary to specify a `metalogox` package option, which overrides the font detection:

```
\usepackage[baskerville]{metalogox}
```

`\adjustlogos` {*<package option>*}

`\adjustlogos` may be used to adjust the logos for an unknown font. The mandatory argument is the same as the package options. This is a local change, and may be adjusted as needed.

```
\Fontskrivan                      (from the aurical package)
\adjustlogos{default} \LaTeXe       $\text{\LaTeX 2}_{\epsilon}$ 
\adjustlogos{baskerville} \LaTeXe   $\text{\LaTeX 2}_{\epsilon}$ 
```

`\autoadjustlogos` `\autoadjustlogos` may be used to make local changes according to the current font:

```
\textsf{Using \autoadjustlogos\LaTeXe}      Using  $\text{\LaTeX 2}_{\epsilon}$ 
\textsf{Using \textrm{\autoadjustlogos\LaTeXe}} Using  $\text{\LaTeX 2}_{\epsilon}$ 
```

`\autoadjustlogos*` The starred form, `\autoadjustlogos*`, is used by `metalogox` at the beginning of the document to set according to the default text body font.

Notes:

- `metalogox` option names may be found in the following pages, or in the index.
- `metalogox` options are always lowercase, even if a related package name may have uppercase letters.
- Many options, such as `times`, are used to cover an entire category of related fonts.
- Other options, such as `baskerville`, may be used for unrelated fonts which just happen to work well with the same logo settings.
- For some fonts, \XeTeX renders the reversed E in the \XeTeX logo differently than \pdfTeX and \LuaTeX .
- There are sometimes differences between the `TYPE1` and the `OTF/TTF` fonts.
- `PDF` display software may not render logos well on the screen at small display sizes. Zoom in to judge the quality of the logos.
- The `metalogox` parameters were set according to the design preferences of the author of the `metalogo` package. Some may disagree with the design choices which were made, but the results are probably better than the defaults, and the user may take control using the `metalogo` package directly.
- Since the same settings are usually shared by many fonts, some logos may not be perfect.

3 Code

3.1 Required packages

```
1 \RequirePackage{metalogo}
2
3 \RequirePackage{xparse}
4
5 \RequirePackage{etoolbox}
```

3.2 Package options

Each of the following is a macro which is activated by passing the option of the same name to `metalogox`, or by calling `\adjustlogos`.

For example, either of the following sets the default `metalogo` logo adjustments:

```
\usepackage[default]{metalogox}
— or —
\adjustlogos{default}
```

`default` (*Opt*) The L^AT_EX and `metalogo` default settings.

```
6 \newcommand*{\MLX@default}{%
7   \setlogokern{Te}{-0.1667em}%
8   \setlogokern{eX}{-0.125em}%
9   \setlogokern{La}{-.36em}%
10  \setlogokern{aT}{-.15em}%
11  \setlogokern{Xe}{-.125em}%
12  \setlogokern{eT}{-.1667em}%
13  \setlogokern{eL}{-.125em}%
14  \setlogodrop{0.5ex}%
15 }
```

`accanthis` (*Opt*)

```
16 \newcommand*{\MLX@accanthis}{%
17   \setlogokern{Te}{-0.07em}%
18   \setlogokern{eX}{-0.05em}%
19   \setlogokern{La}{-.26em}%
20   \setlogokern{aT}{-.07em}%
21   \setlogokern{Xe}{-.06em}%
22   \setlogokern{eT}{-.05em}%
23   \setlogokern{eL}{-.06em}%
24   \setlogodrop{0.25ex}%
25 }
```

`alegreya` (*Opt*)

```
26 \newcommand*{\MLX@alegreya}{%
27   \setlogokern{Te}{-0.14em}%
28   \setlogokern{eX}{-0.12em}%
29 }
```

```

29 \setlogokern{La}{-.23em}%
30 \setlogokern{aT}{-.07em}%
31 \setlogokern{Xe}{-.06em}%
32 \setlogokern{eT}{-.10em}%
33 \setlogokern{eL}{-.12em}%
34 \setlogodrop{0.36ex}%
35 }

```

algolrevived (*Opt*)

```

36 \newcommand*{\MLX@algolrevived}{%
37 \setlogokern{Te}{-0.17em}%
38 \setlogokern{eX}{-0.17em}%
39 \setlogokern{La}{-.40em}%
40 \setlogokern{aT}{-.06em}%
41 \setlogokern{Xe}{-.18em}%
42 \setlogokern{eT}{-.18em}%
43 \setlogokern{eL}{-.12em}%
44 \setlogodrop{0.28ex}%
45 }

```

antpolt (*Opt*)

```

46 \newcommand*{\MLX@antpolt}{%
47 \setlogokern{Te}{-0.09em}%
48 \setlogokern{eX}{-0.08em}%
49 \setlogokern{La}{-.33em}%
50 \setlogokern{aT}{-.07em}%
51 \setlogokern{Xe}{-.07em}%
52 \setlogokern{eT}{-.10em}%
53 \setlogokern{eL}{-.06em}%
54 \setlogodrop{0.36ex}%
55 }

```

avantgarde (*Opt*)

```

56 \newcommand*{\MLX@avantgarde}{%
57 \setlogokern{Te}{-0.10em}%
58 \setlogokern{eX}{-0.04em}%
59 \setlogokern{La}{-.26em}%
60 \setlogokern{aT}{-.10em}%
61 \setlogokern{Xe}{-.04em}%
62 \setlogokern{eT}{-.10em}%
63 \setlogokern{eL}{-.02em}%
64 \setlogodrop{0.40ex}%
65 }

```

baskerville (*Opt*)

```

66 \newcommand*{\MLX@baskerville}{%
67 \setlogokern{Te}{-0.07em}%
68 \setlogokern{eX}{-0.05em}%
69 \setlogokern{La}{-.26em}%

```

```

70 \setlogokern{aT}{-.07em}%
71 \setlogokern{Xe}{-.06em}%
72 \setlogokern{eT}{-.07em}%
73 \setlogokern{eL}{-.06em}%
74 \setlogodrop{0.36ex}%
75 }

```

berenis (*Opt*)

```

76 \newcommand*\MLX@berenis{%
77 \setlogokern{Te}{-0.07em}%
78 \setlogokern{eX}{-0.05em}%
79 \setlogokern{La}{-.23em}%
80 \setlogokern{aT}{-.07em}%
81 \setlogokern{Xe}{-.06em}%
82 \setlogokern{eT}{-.10em}%
83 \setlogokern{eL}{-.02em}%
84 \setlogodrop{0.58ex}%
85 }

```

bodoni (*Opt*) Also see librebodoni.

```

86 \newcommand*\MLX@bodoni{%
87 \setlogokern{Te}{-0.11em}%
88 \setlogokern{eX}{-0.05em}%
89 \setlogokern{La}{-.26em}%
90 \setlogokern{aT}{-.07em}%
91 \setlogokern{Xe}{-.06em}%
92 \setlogokern{eT}{-.10em}%
93 \setlogokern{eL}{-.10em}%
94 \setlogodrop{0.37ex}%
95 }

```

boisik (*Opt*)

```

96 \newcommand*\MLX@boisik{%
97 \setlogokern{Te}{-0.09em}%
98 \setlogokern{eX}{-0.07em}%
99 \setlogokern{La}{-.35em}%
100 \setlogokern{aT}{-.07em}%
101 \setlogokern{Xe}{-.07em}%
102 \setlogokern{eT}{-.10em}%
103 \setlogokern{eL}{-.06em}%
104 \setlogodrop{0.55ex}%
105 }

```

bookman (*Opt*)

```

106 \newcommand*\MLX@bookman{%
107 \setlogokern{Te}{-0.03em}%
108 \setlogokern{eX}{-0.035em}%
109 \setlogokern{La}{-.25em}%
110 \setlogokern{aT}{-.00em}%

```

```

111 \setlogokern{Xe}{-.030em}%
112 \setlogokern{eT}{-.02em}%
113 \setlogokern{eL}{-.06em}%
114 \setlogodrop{0.36ex}%
115 }

```

charter (*Opt*)

```

116 \newcommand*{\MLX@charter}{%
117 \setlogokern{Te}{-0.10em}%
118 \setlogokern{eX}{-0.07em}%
119 \setlogokern{La}{-.24em}%
120 \setlogokern{aT}{-.06em}%
121 \setlogokern{Xe}{-.07em}%
122 \setlogokern{eT}{-.10em}%
123 \setlogokern{eL}{-.06em}%
124 \setlogodrop{0.28ex}%
125 }

```

crimson (*Opt*)

```

126 \newcommand*{\MLX@crimson}{%
127 \setlogokern{Te}{-0.05em}%
128 \setlogokern{eX}{-0.05em}%
129 \setlogokern{La}{-.23em}%
130 \setlogokern{aT}{-.07em}%
131 \setlogokern{Xe}{-.06em}%
132 \setlogokern{eT}{-.05em}%
133 \setlogokern{eL}{-.06em}%
134 \setlogodrop{0.36ex}%
135 }

```

coelacanth (*Opt*)

```

136 \newcommand*{\MLX@coelacanth}{%
137 \setlogokern{Te}{-0.09em}%
138 \setlogokern{eX}{-0.05em}%
139 \setlogokern{La}{-.26em}%
140 \setlogokern{aT}{-.07em}%
141 \setlogokern{Xe}{-.06em}%
142 \setlogokern{eT}{-.10em}%
143 \setlogokern{eL}{-.06em}%
144 \setlogodrop{0.32ex}%
145 }

```

didot (*Opt*)

```

146 \newcommand*{\MLX@didot}{%
147 \setlogokern{Te}{-0.11em}%
148 \setlogokern{eX}{-0.09em}%
149 \setlogokern{La}{-.34em}%
150 \setlogokern{aT}{-.11em}%
151 \setlogokern{Xe}{-.06em}%

```



```

152 \setlogokern{eT}{-.12em}%
153 \setlogokern{eL}{-.09em}%
154 \setlogodrop{0.44ex}%
155 }

```

droidserif (*Opt*)

```

156 \newcommand*{\MLX@droidserif}{%
157 \setlogokern{Te}{-0.11em}%
158 \setlogokern{eX}{-0.10em}%
159 \setlogokern{La}{-.30em}%
160 \setlogokern{aT}{-.08em}%
161 \setlogokern{Xe}{-.07em}%
162 \setlogokern{eT}{-.10em}%
163 \setlogokern{eL}{-.08em}%
164 \setlogodrop{0.30ex}%
165 }

```

droidsans (*Opt*)

```

166 \newcommand*{\MLX@droidsans}{%
167 \setlogokern{Te}{-0.11em}%
168 \setlogokern{eX}{-0.10em}%
169 \setlogokern{La}{-.24em}%
170 \setlogokern{aT}{-.08em}%
171 \setlogokern{Xe}{-.07em}%
172 \setlogokern{eT}{-.10em}%
173 \setlogokern{eL}{-.08em}%
174 \setlogodrop{0.30ex}%
175 }

```

gentium (*Opt*)

```

176 \newcommand*{\MLX@gentium}{%
177 \setlogokern{Te}{-0.07em}%
178 \setlogokern{eX}{-0.07em}%
179 \setlogokern{La}{-.26em}%
180 \setlogokern{aT}{-.07em}%
181 \setlogokern{Xe}{-.06em}%
182 \setlogokern{eT}{-.06em}%
183 \setlogokern{eL}{-.06em}%
184 \setlogodrop{0.24ex}%
185 }

```

helvetica (*Opt*)

```

186 \newcommand*{\MLX@helvetica}{%
187 \setlogokern{Te}{-0.15em}%
188 \setlogokern{eX}{-0.08em}%
189 \setlogokern{La}{-.26em}%
190 \setlogokern{aT}{-.08em}%
191 \setlogokern{Xe}{-.07em}%
192 \setlogokern{eT}{-.15em}%

```

```
193 \setlogokern{eL}{-.04em}%
194 \setlogodrop{0.40ex}%
195 }
```

kerkis (*Opt*)

```
196 \newcommand*{\MLX@kerkis}{%
197 \setlogokern{Te}{-.02em}%
198 \setlogokern{eX}{-.02em}%
199 \setlogokern{La}{-.25em}%
200 \setlogokern{aT}{-.00em}%
201 \setlogokern{Xe}{-.00em}%
202 \setlogokern{eT}{-.10em}%
203 \setlogokern{eL}{-.05em}%
204 \setlogodrop{0.38ex}%
205 }
```

kpfonts (*Opt*)

```
206 \newcommand*{\MLX@kpfonts}{%
207 \setlogokern{Te}{-.11em}%
208 \setlogokern{eX}{-.08em}%
209 \setlogokern{La}{-.30em}%
210 \setlogokern{aT}{-.11em}%
211 \setlogokern{Xe}{-.10em}%
212 \setlogokern{eT}{-.10em}%
213 \setlogokern{eL}{-.06em}%
214 \setlogodrop{0.33ex}%
215 }
```

libertine (*Opt*) Also see **libertinus**, below.

```
216 \newcommand*{\MLX@libertine}{%
217 \setlogokern{Te}{-.05em}%
218 \setlogokern{eX}{-.06em}%
219 \setlogokern{La}{-.25em}%
220 \setlogokern{aT}{-.05em}%
221 \setlogokern{Xe}{-.05em}%
222 \setlogokern{eT}{-.05em}%
223 \setlogokern{eL}{-.02em}%
224 \setlogodrop{0.32ex}%
225 }
```

libertinus (*Opt*) There is a difference in the raised 'A' vs. **libertine**.

```
226 \newcommand*{\MLX@libertinus}{%
227 \setlogokern{Te}{-.05em}%
228 \setlogokern{eX}{-.06em}%
229 \setlogokern{La}{-.28em}%
230 \setlogokern{aT}{-.05em}%
231 \setlogokern{Xe}{-.05em}%
232 \setlogokern{eT}{-.05em}%
233 \setlogokern{eL}{-.02em}%

```

```
234 \setlogodrop{0.32ex}%
235 }
```

librebodoni (*Opt*) Specific to LibreBodoni only.

```
236 \newcommand*\MLX@librebodoni{%
237 \setlogokern{Te}{-0.07em}%
238 \setlogokern{eX}{-0.05em}%
239 \setlogokern{La}{-.26em}%
240 \setlogokern{aT}{-.07em}%
241 \setlogokern{Xe}{-.06em}%
242 \setlogokern{eT}{-.10em}%
243 \setlogokern{eL}{-.02em}%
244 \setlogodrop{0.49ex}%
245 }
```

lmodern (*Opt*)

```
246 \newcommand*\MLX@lmodern{%
247 \setlogokern{Te}{-0.10em}%
248 \setlogokern{eX}{-0.06em}%
249 \setlogokern{La}{-.33em}%
250 \setlogokern{aT}{-.15em}%
251 \setlogokern{Xe}{-.07em}%
252 \setlogokern{eT}{-.10em}%
253 \setlogokern{eL}{-.08em}%
254 \setlogodrop{0.52ex}%
255 }
```

lmodernsans (*Opt*)

```
256 \newcommand*\MLX@lmodernsans{%
257 \setlogokern{Te}{-0.20em}%
258 \setlogokern{eX}{-0.06em}%
259 \setlogokern{La}{-.29em}%
260 \setlogokern{aT}{-.12em}%
261 \setlogokern{Xe}{-.07em}%
262 \setlogokern{eT}{-.20em}%
263 \setlogokern{eL}{-.08em}%
264 \setlogodrop{0.45ex}%
265 }
```

merriweather (*Opt*)

```
266 \newcommand*\MLX@merriweather{%
267 \setlogokern{Te}{-0.09em}%
268 \setlogokern{eX}{-0.09em}%
269 \setlogokern{La}{-.26em}%
270 \setlogokern{aT}{-.07em}%
271 \setlogokern{Xe}{-.06em}%
272 \setlogokern{eT}{-.10em}%
273 \setlogokern{eL}{-.06em}%
274 \setlogodrop{0.32ex}%
275 }
```

275 }

newcent (*Opt*)

```
276 \newcommand*{\MLX@newcent}{%  
277     \setlogokern{Te}{-0.08em}%  
278     \setlogokern{eX}{-0.09em}%  
279     \setlogokern{La}{-.30em}%  
280     \setlogokern{aT}{-.07em}%  
281     \setlogokern{Xe}{-.07em}%  
282     \setlogokern{eT}{-.10em}%  
283     \setlogokern{eL}{-.06em}%  
284     \setlogodrop{0.49ex}%  
285 }
```

noto (*Opt*)

```
286 \newcommand*{\MLX@noto}{%  
287     \setlogokern{Te}{-0.11em}%  
288     \setlogokern{eX}{-0.10em}%  
289     \setlogokern{La}{-.30em}%  
290     \setlogokern{aT}{-.07em}%  
291     \setlogokern{Xe}{-.10em}%  
292     \setlogokern{eT}{-.10em}%  
293     \setlogokern{eL}{-.06em}%  
294     \setlogodrop{0.26ex}%  
295 }
```

palatino (*Opt*)

```
296 \newcommand*{\MLX@palatino}{%  
297     \setlogokern{Te}{-0.07em}%  
298     \setlogokern{eX}{-0.09em}%  
299     \setlogokern{La}{-.33em}%  
300     \setlogokern{aT}{-.10em}%  
301     \setlogokern{Xe}{-.09em}%  
302     \setlogokern{eT}{-.08em}%  
303     \setlogokern{eL}{-.07em}%  
304     \setlogodrop{0.35ex}%  
305 }
```

pandora (*Opt*)

```
306 \newcommand*{\MLX@pandora}{%  
307     \setlogokern{Te}{-0.09em}%  
308     \setlogokern{eX}{-0.08em}%  
309     \setlogokern{La}{-.32em}%  
310     \setlogokern{aT}{-.07em}%  
311     \setlogokern{Xe}{-.08em}%  
312     \setlogokern{eT}{-.10em}%  
313     \setlogokern{eL}{-.06em}%  
314     \setlogodrop{0.53ex}%  
315 }
```

paratype (*Opt*)

```

316 \newcommand*\MLX@paratype{%
317   \setlogokern{Te}{-0.07em}%
318   \setlogokern{eX}{-0.10em}%
319   \setlogokern{La}{-.26em}%
320   \setlogokern{aT}{-.07em}%
321   \setlogokern{Xe}{-.06em}%
322   \setlogokern{eT}{-.10em}%
323   \setlogokern{eL}{-.06em}%
324   \setlogodrop{0.34ex}%
325 }
```

plexserif (*Opt*)

```

326 \newcommand*\MLX@plexserif{%
327   \setlogokern{Te}{-0.1667em}%
328   \setlogokern{eX}{-0.125em}%
329   \setlogokern{La}{-.30em}%
330   \setlogokern{aT}{-.10em}%
331   \setlogokern{Xe}{-.125em}%
332   \setlogokern{eT}{-.16em}%
333   \setlogokern{eL}{-.10em}%
334   \setlogodrop{0.5ex}%
335 }
```

plexsans (*Opt*)

```

336 \newcommand*\MLX@plexsans{%
337   \setlogokern{Te}{-0.1667em}%
338   \setlogokern{eX}{-0.10em}%
339   \setlogokern{La}{-.25em}%
340   \setlogokern{aT}{-.10em}%
341   \setlogokern{Xe}{-.10em}%
342   \setlogokern{eT}{-.17em}%
343   \setlogokern{eL}{-.10em}%
344   \setlogodrop{0.5ex}%
345 }
```

quattrocento (*Opt*) Compromises must be made here. It appears that the height of 1ex is incorrect for serif with X_YL^AT_EX, Lua^AT_EX.

```

346 \newcommand*\MLX@quattrocento{%
347   \setlogokern{Te}{-0.09em}%
348   \setlogokern{eX}{-0.05em}%
349   \setlogokern{La}{-.26em}%
350   \setlogokern{aT}{-.07em}%
351   \setlogokern{Xe}{-.06em}%
352   \setlogokern{eT}{-.10em}%
353   \setlogokern{eL}{-.06em}%
354   \setlogodrop{.4ex}%
355 }
```

sourceserifpro (*Opt*)

```

356 \newcommand*\MLX@sourceserifpro{%
357     \setlogokern{Te}{-0.12em}%
358     \setlogokern{eX}{-0.09em}%
359     \setlogokern{La}{-.29em}%
360     \setlogokern{aT}{-.07em}%
361     \setlogokern{Xe}{-.09em}%
362     \setlogokern{eT}{-.10em}%
363     \setlogokern{eL}{-.09em}%
364     \setlogodrop{0.30ex}%
365 }
```

sourcesanspro (*Opt*)

```

366 \newcommand*\MLX@sourcesanspro{%
367     \setlogokern{Te}{-0.12em}%
368     \setlogokern{eX}{-0.09em}%
369     \setlogokern{La}{-.22em}%
370     \setlogokern{aT}{-.07em}%
371     \setlogokern{Xe}{-.09em}%
372     \setlogokern{eT}{-.10em}%
373     \setlogokern{eL}{-.09em}%
374     \setlogodrop{0.30ex}%
375 }
```

times (*Opt*)

```

376 \newcommand*\MLX@times{%
377     \setlogokern{Te}{-0.06em}%
378     \setlogokern{eX}{-0.05em}%
379     \setlogokern{La}{-.28em}%
380     \setlogokern{aT}{-.07em}%
381     \setlogokern{Xe}{-.06em}%
382     \setlogokern{eT}{-.06em}%
383     \setlogokern{eL}{-.02em}%
384     \setlogodrop{0.34ex}%
385 }
```

utopia (*Opt*)

```

386 \newcommand*\MLX@utopia{%
387     \setlogokern{Te}{-.08em}%
388     \setlogokern{eX}{-0.04em}%
389     \setlogokern{La}{-.21em}%
390     \setlogokern{aT}{-.10em}%
391     \setlogokern{Xe}{-.02em}%
392     \setlogokern{eT}{-.10em}%
393     \setlogokern{eL}{-.06em}%
394     \setlogodrop{0.30ex}%
395 }
```

venturis (*Opt*)

```

396 \newcommand*{\MLX@venturis}{%
397   \setlogokern{Te}{-0.07em}%
398   \setlogokern{eX}{-0.05em}%
399   \setlogokern{La}{-.22em}%
400   \setlogokern{aT}{-.07em}%
401   \setlogokern{Xe}{-.06em}%
402   \setlogokern{eT}{-.06em}%
403   \setlogokern{eL}{-.06em}%
404   \setlogodrop{0.36ex}%
405 }

```

`vera` (*Opt*)

```

406 \newcommand*{\MLX@vera}{%
407   \setlogokern{Te}{-0.12em}%
408   \setlogokern{eX}{-0.14em}%
409   \setlogokern{La}{-.32em}%
410   \setlogokern{aT}{-.05em}%
411   \setlogokern{Xe}{-.14em}%
412   \setlogokern{eT}{-.10em}%
413   \setlogokern{eL}{-.10em}%
414   \setlogodrop{0.235ex}%
415 }

```

`verasans` (*Opt*)

```

416 \newcommand*{\MLX@verasans}{%
417   \setlogokern{Te}{-0.12em}%
418   \setlogokern{eX}{-0.10em}%
419   \setlogokern{La}{-.28em}%
420   \setlogokern{aT}{-.05em}%
421   \setlogokern{Xe}{-.10em}%
422   \setlogokern{eT}{-.10em}%
423   \setlogokern{eL}{-.10em}%
424   \setlogodrop{0.35ex}%
425 }

```

3.2.1 Common synonyms

Synonyms for commonly-used fonts.

`tgbonum` (*Opt*)

```

426 \newcommand*{\MLX@tgbonum}{\MLX@bookman}

```

`tgheros` (*Opt*)

```

427 \newcommand*{\MLX@tgheros}{\MLX@helvetica}

```

`tgpagella` (*Opt*)

```

428 \newcommand*{\MLX@tgpagella}{\MLX@palatino}

```

tgsschola (*Opt*)

```
429 \newcommand*{\MLX@tgsschola}{\MLX@newcent}
```

tgstermes (*Opt*)

```
430 \newcommand*{\MLX@tgstermes}{\MLX@times}
```

3.2.2 Similar fonts

The following work well enough that a separate definition is probably not necessary.

antiqua (*Opt*)

```
431 \newcommand*{\MLX@antiqua}{\MLX@baskerville}
```

anttor (*Opt*)

```
432 \newcommand*{\MLX@anttor}{\MLX@antpolt}
```

artemisla (*Opt*)

```
433 \newcommand*{\MLX@artemisla}{\MLX@baskerville}
```

caladea (*Opt*)

```
434 \newcommand*{\MLX@caladea}{\MLX@baskerville}
```

caslon (*Opt*)

```
435 \newcommand*{\MLX@caslon}{\MLX@baskerville}
```

cochineal (*Opt*)

```
436 \newcommand*{\MLX@cochineal}{\MLX@baskerville}
```

concmath (*Opt*)

```
437 \newcommand*{\MLX@concmath}{\MLX@lmodern}
```

drm (*Opt*)

```
438 \newcommand*{\MLX@drm}{\MLX@lmodern}
```

garamond (*Opt*)

```
439 \newcommand*{\MLX@garamond}{\MLX@baskerville}
```

imfellenglish (*Opt*)

```
440 \newcommand*{\MLX@imfellenglish}{\MLX@baskerville}
```


`literat` (*Opt*)

```
441 \newcommand*{\MLX@literat}{\MLX@baskerville}
```

`roboto` (*Opt*)

```
442 \newcommand*{\MLX@roboto}{\MLX@pandora}
```

`romande` (*Opt*)

```
443 \newcommand*{\MLX@romande}{\MLX@baskerville}
```

3.3 Manual adjust selection

`\adjustlogos` {*<package option>*}

If the given option matches a predefined `\MLX@. . .` macro, use it.

```
444 \newcommand*{\adjustlogos}[1]{%
445   \ifcsdef{MLX@#1}{%
446     \PackageInfo{metalogox}{Setting #1}%
447     \csuse{MLX@#1}%
448   }{%
449     \PackageError{metalogox}{Unknown setting #1}%
450     {See the metalogox documentation for a list of options.}%
451   }%
452 }
```

3.4 Font detection

`\MLX@@detectvariant` {*<1: family>*} {*<2: variant>*} {*<3: name>*} {*<4: setting>*}

If the font variant matches, adjust accordingly.

(The doubled @ is to distinguish this from a valid metalogox option.)

```
453 \newcommand*{\MLX@@detectvariant}[4]{%
454   \ifdefstring{\MLX@thisfont}{#1#2}{%
455     \PackageInfo{metalogox}{Detected #1#2, #3. Using #4}%
456     \adjustlogos{#4}%
457   }{%
458   }
```

`\MLX@@detectone` {*<1: family>*} {*<2: name>*} {*<3: setting>*}

Tests variants. If a font family and variant matches, select the metalogox option.

(The doubled @ is to distinguish this from a valid metalogox option.)

```

459 \NewDocumentCommand{\MLX@@detectone}{m m m}{%
460 \MLX@@detectvariant{#1}{#2}{#3}%
461 \MLX@@detectvariant{#1}{-TLF}{#2}{#3}%
462 \MLX@@detectvariant{#1}{-LF}{#2}{#3}%
463 \MLX@@detectvariant{#1}{-OsF}{#2}{#3}%
464 \MLX@@detectvariant{#1}{-TOf}{#2}{#3}%
465 \MLX@@detectvariant{#1}{Condensed-TLF}{#2}{#3}%
466 \MLX@@detectvariant{#1}{Condensed-LF}{#2}{#3}%
467 \MLX@@detectvariant{#1}{Condensed-OsF}{#2}{#3}%
468 \MLX@@detectvariant{#1}{Condensed-TOf}{#2}{#3}%
469 \MLX@@detectvariant{#1}{(0)}{#2}{#3}%
470 }

```

\autoadjustlogos *

Search a list of fonts and variants, looking for a match with the current one.

```

471 \NewDocumentCommand{\autoadjustlogos}{s}{%

```

If starred, use the text body font, else use the local font:

```

472 \IfBooleanTF{#1}{%
473   \edef\MLX@@thisfont{\familydefault}%
474 }{%
475   \edef\MLX@@thisfont{\f@family}%
476 }%

```

Announce the desired font:

```

477 \PackageInfo{metalogox}{Searching for \MLX@@thisfont}%

```

Default if nothing is found:

```

478 \adjustlogos{lmodern}%

```

Search a list of possibilities:

```

479 \MLX@@detectone{AccanthisADFStdNoThree}{accanthis}{accanthis}%
480 \MLX@@detectone{AccanthisADFStdNo3}{accanthis}{accanthis}%
481 \MLX@@detectone{Alegreya}{Alegreya}{alegreya}%
482 \MLX@@detectone{AlegreyaSans}{AlegreyaSans}{alegreya}%
483 \MLX@@detectone{AlgolRevived}{algolrevived}{algolrevived}%
484 \MLX@@detectone{uaq}{antiqua}{baskerville}%
485 \MLX@@detectone{antp}{antpolt}{antpolt}%
486 \MLX@@detectone{AntykwaPoltawskiego}{antpolt}{antpolt}%
487 \MLX@@detectone{antt}{anttor}{antpolt}%
488 \MLX@@detectone{AntykwaTorunska}{anttor}{antpolt}%
489 \MLX@@detectone{fav}{arev}{vera}%
490 \MLX@@detectone{Arimo}{Arimo}{helvetica}%
491 \MLX@@detectone{pag}{Avant Garde}{avantgarde}%
492 \MLX@@detectone{qag}{tgadventor}{avantgarde}%
493 \MLX@@detectone{ybv}{baskervald}{baskerville}%

```

```
494 \MLX@@detectone{ybv}{baskervald}{baskerville}%
495 \MLX@@detectone{Baskervaldx}{Baskervaldx}{baskerville}%
496 \MLX@@detectone{BaskervilleF}{baskervillef}{baskerville}%
497 \MLX@@detectone{fve}{beraserif}{vera}%
498 \MLX@@detectone{fvs}{berasans}{verasans}%
499 \MLX@@detectone{ybd}{berenis}{berenis}%
500 \MLX@@detectone{ybd2}{berenis}{berenis}%
501 \MLX@@detectone{ybd2j}{berenis}{berenis}%
502 \MLX@@detectone{ybdj}{berenis}{berenis}%
503 \MLX@@detectone{BerenisADFPro}{berenis}{berenis}%
504 \MLX@@detectone{LinuxBiolinumT}{biolinum}{helvetica}%
505 \MLX@@detectone{Cabin}{Cabin}{helvetica}%
506 \MLX@@detectone{CabinCondensed}{CabinCondensed}{helvetica}%
507 \MLX@@detectone{Caladea}{caladea}{baskerville}%
508 \MLX@@detectone{fca}{cantarell}{helvetica}%
509 \MLX@@detectone{Carlito}{Carlito}{crimson}%
510 \MLX@@detectone{mdbch}{mdbch - Math Design Bitstream Charter}{charter}%
511 \MLX@@detectone{Chivo}{Chivo}{helvetica}%
512 \MLX@@detectone{ClearSans}{Clear Sans}{helvetica}%
513 \MLX@@detectone{Cochineal}{cochineal}{baskerville}%
514 \MLX@@detectone{Coelacanth}{coelacanth}{coelacanth}%
515 \MLX@@detectone{fco}{comfortaa}{avantgarde}%
516 \MLX@@detectone{ComicNeue}{comicneue}{avantgarde}%
517 \MLX@@detectone{cmbr}{Computer Modern Bright}{lmodern}%
518 \MLX@@detectone{lcmss}{Computer Modern Sans Quote}{lmodern}%
519 \MLX@@detectone{cmr}{Computer Modern Roman}{lmodern}%
520 \MLX@@detectone{cmss}{Computer Modern Sans}{lmodernsans}%
521 \MLX@@detectone{ccr}{concmath}{lmodern}%
522 \MLX@@detectone{CormorantGaramond}{CormorantGaramond}{garamond}%
523 \MLX@@detectone{Crimson}{crimson}{crimson}%
524 \MLX@@detectone{CrimsonPro}{CrimsonPro}{crimson}%
525 % cyklop: default
526 \MLX@@detectone{DejaVuSerif}{DejaVuSerif}{vera}%
527 \MLX@@detectone{DejaVuSerifCondensed}{DejaVuSerif Condensed}{vera}%
528 \MLX@@detectone{DejaVuSans}{DejaVuSans}{verasans}%
529 % drm: default
530 \MLX@@detectone{fdr}{Droid Serif}{droidserif}%
531 \MLX@@detectone{fds}{Droid Sans}{droidsans}%
532 \MLX@@detectone{DroidSerif}{Droid Serif}{droidserif}%
533 \MLX@@detectone{DroidSans}{Droid Sans}{droidsans}%
534 \MLX@@detectone{EBGaramond}{EB Garamond}{garamond}%
535 \MLX@@detectone{EBGaramond12}{EB Garamond}{garamond}%
536 \MLX@@detectone{erewhon}{erewhon}{utopia}%
537 \MLX@@detectone{Erewhon-Regular}{erewhon}{utopia}%
538 \MLX@@detectone{fbb}{fbb}{baskerville}%
539 \MLX@@detectone{FiraSans}{Fira Sans}{helvetica}%
540 \MLX@@detectone{FiraSansBook}{Fira Sans}{helvetica}%
541 \MLX@@detectone{FiraSansThin}{Fira Sans}{helvetica}%
542 \MLX@@detectone{FiraSansLight}{Fira Sans}{helvetica}%
543 \MLX@@detectone{FiraSansExtraLight}{Fira Sans}{helvetica}%
544 \MLX@@detectone{FiraSansUltraLight}{Fira Sans}{helvetica}%
545 \MLX@@detectone{futs}{fourier}{utopia}%
546 \MLX@@detectone{fnc}{fouriernc}{newcent}%
547 \MLX@@detectone{gentium}{gentium}{gentium}%
```

548 \MLX@@detectone{Gentium}{gentium}{gentium}%
549 \MLX@@detectone{artemisia}{gfsartemisia}{baskerville}%
550 \MLX@@detectone{GFSArtemisia}{gfsartemisia}{baskerville}%
551 \MLX@@detectone{artemisiaeuler}{gfsartemisia}{baskerville}%
552 \MLX@@detectone{bodoni}{gfsbodoni}{bodoni}%
553 \MLX@@detectone{GFS Bodoni}{gfsbodoni}{bodoni}%
554 \MLX@@detectone{udidot}{gfsdidot}{didot}%
555 \MLX@@detectone{FreeSerif}{GNU Freeserif}{times}%
556 \MLX@@detectone{FreeSans}{GNU Freesans}{helvetica}%
557 \MLX@@detectone{neohellenic}{GFS Neohellenic}{helvetica}%
558 \MLX@@detectone{GFSNeohellenic}{GFS Neohellenic}{helvetica}%
559 \MLX@@detectone{Gillius}{Gillius}{avantgarde}%
560 \MLX@@detectone{GilliusADF}{Gillius}{avantgarde}%
561 \MLX@@detectone{GilliusADFCond}{Gillius}{avantgarde}%
562 \MLX@@detectone{GilliusADFNo2}{Gillius}{avantgarde}%
563 \MLX@@detectone{GilliusADFNo2Cond}{Gillius}{avantgarde}%
564 \MLX@@detectone{Go}{Go Sans}{helvetica}%
565 \MLX@@detectone{phv}{helvet}{helvetica}%
566 \MLX@@detectone{Heuristica}{heuristica}{utopia}%
567 \MLX@@detectone{heuristica}{heuristica}{utopia}%
568 \MLX@@detectone{IMFELLEnglish}{imfellEnglish}{baskerville}%
569 \MLX@@detectone{Iwona}{Iwona}{helvetica}%
570 \MLX@@detectone{Iwona}{Iwona}{helvetica}%
571 \MLX@@detectone{IwonaLight}{Iwona}{helvetica}%
572 \MLX@@detectone{IwonaMedium}{Iwona}{helvetica}%
573 \MLX@@detectone{IwonaHeavy}{Iwona}{helvetica}%
574 \MLX@@detectone{IwonaCond}{Iwona}{helvetica}%
575 \MLX@@detectone{IwonaCondLight}{Iwona}{helvetica}%
576 \MLX@@detectone{IwonaCondMedium}{Iwona}{helvetica}%
577 \MLX@@detectone{IwonaCondHeavy}{Iwona}{helvetica}%
578 \MLX@@detectone{Junicode}{Junicode}{times}%
579 \MLX@@detectone{mak}{kerkis}{kerkis}%
580 \MLX@@detectone{maksf}{kerkis sans}{kerkis}%
581 \MLX@@detectone{jkp}{kpfonts}{kpfonts}%
582 \MLX@@detectone{jkpf}{kpfonts}{kpfonts}%
583 \MLX@@detectone{jkpfosn}{kpfonts}{kpfonts}%
584 \MLX@@detectone{jkpk}{kpfonts}{kpfonts}%
585 \MLX@@detectone{jkpkf}{kpfonts}{kpfonts}%
586 \MLX@@detectone{jkpkfosn}{kpfonts}{kpfonts}%
587 \MLX@@detectone{jkpkos}{kpfonts}{kpfonts}%
588 \MLX@@detectone{jkpkosn}{kpfonts}{kpfonts}%
589 \MLX@@detectone{jkpkvos}{kpfonts}{kpfonts}%
590 \MLX@@detectone{jkpl}{kpfonts}{kpfonts}%
591 \MLX@@detectone{jkplf}{kpfonts}{kpfonts}%
592 \MLX@@detectone{jkplfosn}{kpfonts}{kpfonts}%
593 \MLX@@detectone{jkplk}{kpfonts}{kpfonts}%
594 \MLX@@detectone{jkplkf}{kpfonts}{kpfonts}%
595 \MLX@@detectone{jkplkfosn}{kpfonts}{kpfonts}%
596 \MLX@@detectone{jkplkos}{kpfonts}{kpfonts}%
597 \MLX@@detectone{jkplkosn}{kpfonts}{kpfonts}%
598 \MLX@@detectone{jkplkvos}{kpfonts}{kpfonts}%
599 \MLX@@detectone{jkplos}{kpfonts}{kpfonts}%
600 \MLX@@detectone{jkplosn}{kpfonts}{kpfonts}%
601 \MLX@@detectone{jkplvos}{kpfonts}{kpfonts}%

```
602 \MLX@@detectone{jkpos}{kpfonts}{kpfonts}%
603 \MLX@@detectone{jkposn}{kpfonts}{kpfonts}%
604 \MLX@@detectone{jkpss}{kpfonts}{kpfonts}%
605 \MLX@@detectone{jkpssf}{kpfonts}{kpfonts}%
606 \MLX@@detectone{jkpssfosn}{kpfonts}{kpfonts}%
607 \MLX@@detectone{jkpssk}{kpfonts}{kpfonts}%
608 \MLX@@detectone{jkpsskf}{kpfonts}{kpfonts}%
609 \MLX@@detectone{jkpsskfossn}{kpfonts}{kpfonts}%
610 \MLX@@detectone{jkpsskos}{kpfonts}{kpfonts}%
611 \MLX@@detectone{jkpsskosn}{kpfonts}{kpfonts}%
612 \MLX@@detectone{jkpsskvos}{kpfonts}{kpfonts}%
613 \MLX@@detectone{jkpssos}{kpfonts}{kpfonts}%
614 \MLX@@detectone{jkpssosn}{kpfonts}{kpfonts}%
615 \MLX@@detectone{jkpssvos}{kpfonts}{kpfonts}%
616 \MLX@@detectone{jkptt}{kpfonts}{kpfonts}%
617 \MLX@@detectone{jkpttos}{kpfonts}{kpfonts}%
618 \MLX@@detectone{jkpttosn}{kpfonts}{kpfonts}%
619 \MLX@@detectone{jkpttvos}{kpfonts}{kpfonts}%
620 \MLX@@detectone{jkpvos}{kpfonts}{kpfonts}%
621 \MLX@@detectone{jkpx}{kpfonts}{kpfonts}%
622 \MLX@@detectone{jkpxf}{kpfonts}{kpfonts}%
623 \MLX@@detectone{jkpxfosn}{kpfonts}{kpfonts}%
624 \MLX@@detectone{jkpxk}{kpfonts}{kpfonts}%
625 \MLX@@detectone{jkpxkf}{kpfonts}{kpfonts}%
626 \MLX@@detectone{jkpxkfossn}{kpfonts}{kpfonts}%
627 \MLX@@detectone{jkpxkos}{kpfonts}{kpfonts}%
628 \MLX@@detectone{jkpxkosn}{kpfonts}{kpfonts}%
629 \MLX@@detectone{jkpxkvos}{kpfonts}{kpfonts}%
630 \MLX@@detectone{jkpxos}{kpfonts}{kpfonts}%
631 \MLX@@detectone{jkpxosn}{kpfonts}{kpfonts}%
632 \MLX@@detectone{jkpxvos}{kpfonts}{kpfonts}%
633 \MLX@@detectone{kurier}{Kurier}{helvetica}%
634 \MLX@@detectone{Kurier}{Kurier}{helvetica}%
635 \MLX@@detectone{KurierLight}{Kurier}{helvetica}%
636 \MLX@@detectone{KurierMedium}{Kurier}{helvetica}%
637 \MLX@@detectone{KurierHeavy}{Kurier}{helvetica}%
638 \MLX@@detectone{KurierCond}{Kurier}{helvetica}%
639 \MLX@@detectone{KurierCondLight}{Kurier}{helvetica}%
640 \MLX@@detectone{KurierCondMedium}{Kurier}{helvetica}%
641 \MLX@@detectone{KurierCondHeavy}{Kurier}{helvetica}%
642 \MLX@@detectone{lato}{Lato}{helvetica}%
643 \MLX@@detectone{Lato}{Lato}{helvetica}%
644 \MLX@@detectone{lmodern}{lmodern}{lmodern}%
645 \MLX@@detectone{lmss}{lmodern sans}{lmodernsans}%
646 \MLX@@detectone{lmssq}{lmodern sans}{lmodernsans}%
647 \MLX@@detectone{LatinModernRoman}{Latin Modern Roman}{lmodern}%
648 \MLX@@detectone{LatinModernSans}{Latin Modern Sans}{lmodernsans}%
649 \MLX@@detectone{LinuxLibertineT}{libertine}{libertine}%
650 \MLX@@detectone{LinLibertine}{libertine}{libertine}%
651 \MLX@@detectone{LinBiolinum}{libertine}{helvetica}%
652 \MLX@@detectone{LibertinusSerif}{libertinus-type1}{libertinus}%
653 \MLX@@detectone{LibertinusSans}{libertinus-type1}{helvetica}%
654 \MLX@@detectone{libertinusserif}{libertinus-otf}{libertinus}%
655 \MLX@@detectone{libertinussans}{libertinus-otf}{helvetica}%
```

656 \MLX@@detectone{LibreBaskerville}{librebaskerville}{baskerville}%
657 \MLX@@detectone{LibreBodoni}{LibreBodoni}{librebodoni}%
658 \MLX@@detectone{LibreCaslonText}{librecaslon}{baskerville}%
659 \MLX@@detectone{yly}{libris}{avantgarde}%
660 \MLX@@detectone{llcmss}{LX Fonts}{avantgarde}%
661 \MLX@@detectone{ptm}{mathptmx}{times}%
662 \MLX@@detectone{ppl}{mathpazo}{palatino}%
663 \MLX@@detectone{bch}{mdbch}{charter}%
664 \MLX@@detectone{mdput}{mdput - Math Design Utopia}{utopia}%
665 \MLX@@detectone{mdugm}{mdugm - Math Design URW Garamond}{baskerville}%
666 \MLX@@detectone{Merriweather}{merriweather}{merriweather}%
667 \MLX@@detectone{MerriweatherSans}{merriweather}{merriweather}%
668 \MLX@@detectone{MintSpirit}{Mint Spirit}{avantgarde}%
669 \MLX@@detectone{MintSpiritNoTwo}{Mint Spirit No 2}{avantgarde}%
670 \MLX@@detectone{MintSpiritNo2}{Mint Spirit No 2}{avantgarde}%
671 \MLX@@detectone{Montserrat}{Montserrat}{helvetica}%
672 \MLX@@detectone{MontserratAlternates}{Montserrat}{helvetica}%
673 \MLX@@detectone{pnc}{newcent}{newcent}%
674 \MLX@@detectone{zpltlf}{newpxtext}{palatino}%
675 \MLX@@detectone{ntxtlf}{newtxtext}{times}%
676 \MLX@@detectone{nimbussans}{nimbussans}{helvetica}%
677 \MLX@@detectone{NimbusSans}{nimbusserif}{helvetica}%
678 \MLX@@detectone{NimbusSerif}{nimbusserif}{times}%
679 \MLX@@detectone{NimbusSansL}{nimbussans}{helvetica}%
680 \MLX@@detectone{zthv}{nimbusserif}{times}%
681 \MLX@@detectone{zhv}{nimbussans}{helvetica}%
682 \MLX@@detectone{NotoSerif}{noto}{noto}%
683 \MLX@@detectone{NotoSans}{noto}{noto}%
684 \MLX@@detectone{OldStandard}{Old Standard}{didot}%
685 \MLX@@detectone{fosj}{opensans}{avantgarde}%
686 \MLX@@detectone{OpenSans}{Open Sans}{avantgarde}%
687 \MLX@@detectone{Overlock}{Overlock}{avantgarde}% bug with XeLaTeX%
688 \MLX@@detectone{panr}{pandora}{pandora}%
689 \MLX@@detectone{pss}{pandora}{pandora}%
690 \MLX@@detectone{PTSerif}{paratype}{paratype}%
691 \MLX@@detectone{PTSans}{paratype}{paratype}%
692 \MLX@@detectone{PTSansNarrow}{paratype}{paratype}%
693 \MLX@@detectone{IBMPlexSerif}{plex-serif}{plexserif}%
694 \MLX@@detectone{IBMPlexSans}{plex-sans}{plexsans}%
695 \MLX@@detectone{pxr}{pxfonts}{palatino}%
696 \MLX@@detectone{pxss}{pxfonts}{helvetica}%
697 \MLX@@detectone{Quattrocento}{quattrocento}{quattrocento}%
698 \MLX@@detectone{QuattrocentoSans}{quattrocento}{quattrocento}%
699 \MLX@@detectone{Raleway}{raleway}{helvetica}%
700 \MLX@@detectone{Roboto}{roboto}{helvetica}%
701 \MLX@@detectone{RobotoSlab}{roboto}{roboto}%
702 \MLX@@detectone{RobotoCondensed}{roboto}{helvetica}%
703 \MLX@@detectone{yrd}{romande}{baskerville}%
704 \MLX@@detectone{yrda}{romande}{baskerville}%
705 \MLX@@detectone{yrdw}{romande}{baskerville}% todo swash style%
706 \MLX@@detectone{yrdaw}{romande}{baskerville}% todo swash style%
707 \MLX@@detectone{Shobhika}{Shobhika}{paratype}%
708 \MLX@@detectone{SourceSerifPro}{sourceserifpro}{sourceserifpro}%
709 \MLX@@detectone{SourceSansPro}{sourcesanspro}{sourcesanspro}%

```

710 \MLX@@detectone{SticksTooText}{stickstootext}{times}%
711 \MLX@@detectone{stix}{stix}{times}%
712 \MLX@@detectone{stix2}{stix2}{times}%
713 \MLX@@detectone{STIXTwoText}{stix2}{times}%
714 \MLX@@detectone{qbk}{tgbonum}{bookman}%
715 \MLX@@detectone{qhv}{tgheros}{helvetica}%
716 \MLX@@detectone{qpl}{tgpagella}{palatino}%
717 \MLX@@detectone{qcs}{tgschola}{newcent}%
718 \MLX@@detectone{qtm}{tgtermes}{times}%
719 \MLX@@detectone{TeXGyreAdventor}{TeX Gyre Adventor}{avantgarde}%
720 \MLX@@detectone{TeXGyreBonum}{TeX Gyre Bonum}{bookman}%
721 \MLX@@detectone{TeXGyreHeros}{TeX Gyre Heros}{helvetica}%
722 \MLX@@detectone{TeXGyrePagella}{TeX Gyre Pagella}{palatino}%
723 \MLX@@detectone{TeXGyreSchola}{TeX Gyre Schola}{newcent}%
724 \MLX@@detectone{TeXGyreTermes}{TeX Gyre Termes}{times}%
725 \MLX@@detectone{txr}{txfonts}{times}%
726 \MLX@@detectone{UniversalisADFStd}{Universalis ADF Std}{crimson}%
727 \MLX@@detectone{ugq}{URW Grotesk}{crimson}%
728 \MLX@@detectone{put}{utopia}{utopia}%
729 \MLX@@detectone{yvt}{venturis}{venturis}%
730 \MLX@@detectone{yvtj}{venturis}{venturis}%
731 \MLX@@detectone{yvtw}{venturis}{venturis}%
732 \MLX@@detectone{yvtjw}{venturis}{venturis}%
733 \MLX@@detectone{yvtaw}{venturis}{venturis}%
734 \MLX@@detectone{yvtajw}{venturis}{venturis}%
735 \MLX@@detectone{yv1}{venturissans}{venturis}%
736 \MLX@@detectone{yv2}{venturis2}{venturis}%
737 \MLX@@detectone{yv3}{venturissans2}{venturis}%
738 \MLX@@detectone{yvo}{venturisol}{venturis}%
739 \MLX@@detectone{yvoa}{venturisol}{venturis}%
740 \MLX@@detectone{XCharter}{XCharter}{charter}%
741 \MLX@@detectone{XITS}{XITS}{times}%
742 }

```

3.5 Option declaration

```

743 \DeclareOption*{%
744     \adjustlogos{\CurrentOption}%
745 }

```

3.6 Default settings

Adjust according to the text body font, if detected, or use defaults otherwise:

```

746 \autoadjustlogos*

```

3.7 Option trigger

Any metalogox package option will next override the above settings.

```

747 \ProcessOptions\relax

```

Change History

v1.00 General: 2019/01/20 Initial version. . . 1 v1.01 General: 2023/01/03 1 Docs adjusted for dtxdescribe. . . . 1	Updated L ^A T _E X Font Catalog website. 1 v1.02 General: 2024/01/12 1 Updated contact info. 1
---	---

Index

Numbers written in *italic* refer to the page where the corresponding entry is described. Square brackets indicate the option used by a given package or synonym option.

A		G	
accanthis (option)	5	garamond (option)	16
\adjustlogos	3, <u>444</u>	gentium (option)	9
alegreya (option)	5	H	
algolrevived (option)	6	helvetica (option)	9
antiqua (option)	16	I	
antpolt (option)	6	imfenglish (option)	16
anttora (option)	16	K	
artemisia (option)	16	kerkis (option)	10
\autoadjustlogos	3, <u>471</u>	kpfonts (option)	10
\autoadjustlogos_*	4	L	
avantgarde (option)	6	libertine (option)	10
B		libertinus (option)	10
baskerville (option)	6	librebodoni (option)	11
berenis (option)	7	literat (option)	17
bodoni (option)	7	lmodern (option)	11
boisik (option)	7	lmodernsans (option)	11
bookman (option)	7	M	
C		merriweather (option)	11
caladea (option)	16	metalogox (package)	3
caslon (option)	16	\MLX@@detectone	<u>459</u>
charter (option)	8	\MLX@@detectvariant	<u>453</u>
cochineal (option)	16	N	
coelacanth (option)	8	newcent (option)	12
concmath (option)	16	noto (option)	12
crimson (option)	8	O	
D		Options:	
default (option)	5	accanthis	5
didot (option)	8	alegreya	5
drm (option)	16	algolrevived	6
droidsans (option)	9		
droidserif (option)	9		

antiqua	16	sourceserifpro	14
antpolt	6	tgbonum	15
anttor	16	tgheros	15
artemisla	16	tgpagella	15
avantgarde	6	tgschola	16
baskerville	6	tgtermes	16
berenis	7	times	14
bodoni	7	utopia	14
boisik	7	venturis	14
bookman	7	vera	15
caladea	16	verasans	15
caslon	16		
charter	8		
cochineal	16	P	
coelacanth	8	Packages:	
concmath	16	metalogoX	3
crimson	8	palatino (option)	12
default	5	pandora (option)	12
didot	8	paratype (option)	13
drm	16	plexsans (option)	13
droidsans	9	plexserif (option)	13
droidserif	9		
garamond	16	Q	
gentium	9	quattrocento (option)	13
helvetica	9		
imfenglish	16	R	
kerkis	10	roboto (option)	17
kpfonts	10	romande (option)	17
libertine	10		
libertinus	10	S	
librebodoni	11	sourcesanspro (option)	14
literat	17	sourceserifpro (option)	14
lmodern	11		
lmodernsans	11	T	
merriweather	11	tgbonum (option)	15
newcent	12	tgheros (option)	15
noto	12	tgpagella (option)	15
palatino	12	tgschola (option)	16
pandora	12	tgtermes (option)	16
paratype	13	times (option)	14
plexsans	13		
plexserif	13	U	
quattrocento	13	utopia (option)	14
roboto	17		
romande	17	V	
sourcesanspro	14	venturis (option)	14
		vera (option)	15
		verasans (option)	15