

The L^AT_EX metalogox package

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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 ^A 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 ^A 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 ^A 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_EL^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	16
3.2.2	Similar fonts	17
3.3	Manual adjust selection	18
3.4	Font detection	18
3.5	Option declaration	25
3.6	Default settings	25
3.7	Option trigger	25
	Change History and Index	26

1 Introduction

The rendering of the logos \TeX , \LaTeX , $\text{\LATEX}_2\epsilon$, \XELATEX , \XETEX , and \LuaLATEX 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 `metalogox` 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 `metalogox`. 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

Pkg `metalogox` 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 $\{\langle package\ option\rangle\}$

`\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
\adjustlogos{baskerville} \LaTeXe
```

$\text{\LATEX}_2\epsilon$
 $\text{\LATEX}_2\epsilon$

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

\textsf{Using \autoadjustlogos\LaTeXe}	Using L ^A T _E X 2 _{<}
\textsf{Using \textrm{\autoadjustlogos\LaTeXe}}}	Using L ^A T _E X 2 _{>}

\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, X_EL^AT_EX renders the reversed E in the X_EL^AT_EX logo differently than pdfl^AT_EX and LuaL^AT_EX.
- 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 **metalogox** 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 **metalogox** 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}
```

Opt `default` The L^AT_EX and `metalogo` default settings.

```

6 \newcommand*{\MLX@default}{%
7   \setlogokern{Te}{-.1667em}%
8   \setlogokern{eX}{-.125em}%
9   \setlogokern{La}{-.36em}%
10  \setlogokern{aT}{-.15em}%
11  \setlogokern{Xe}{-.125em}%
12  \setlogokern{eT}{-.1667em}%
13  \setlogokern{eL}{-.125em}%
14  \setlogodrop{.5ex}%
15 }
```

Opt `accanthis`

```

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

Opt `alegreya`

```

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

Opt algolrevived

```

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 }
```

Opt antpolt

```

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 }
```

Opt avantgarde

```

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 }
```

Opt baskerville

```
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 }
```

Opt berenis

```
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 }
```

Opt bodoni 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 }
```

Opt boisik

```
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 }
```

Opt bookman

```
106 \newcommand*{\MLX@bookman}{%
107   \setlogokern{Te}{-.03em}%
108   \setlogokern{eX}{-.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 }
```

Opt charter

```
116 \newcommand*{\MLX@charter}{%
117   \setlogokern{Te}{-.10em}%
118   \setlogokern{eX}{-.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 }
```

Opt crimson

```
126 \newcommand*{\MLX@crimson}{%
127   \setlogokern{Te}{-.05em}%
128   \setlogokern{eX}{-.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 }
```

Opt coelacanth

```
136 \newcommand*{\MLX@coelacanth}{%
137   \setlogokern{Te}{-.09em}%
138   \setlogokern{eX}{-.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 }
```

Opt didot

```
146 \newcommand*{\MLX@didot}{%
147   \setlogokern{Te}{-.11em}%
148   \setlogokern{eX}{-.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 }
```

Opt droidserif

```
156 \newcommand*{\MLX@droidserif}{%
157   \setlogokern{Te}{-.11em}%
158   \setlogokern{eX}{-.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 }
```

Opt droidsans

```
166 \newcommand*{\MLX@droidsans}{%
167   \setlogokern{Te}{-.11em}%
168   \setlogokern{eX}{-.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 }
```

Opt gentium

```
176 \newcommand*{\MLX@gentium}{%
177   \setlogokern{Te}{-.07em}%
178 }
```

```

178   \setlogokern{eX}{-.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 }
```

Opt helvetica

```

186 \newcommand*{\MLX@helvetica}{%
187   \setlogokern{Te}{-.15em}%
188   \setlogokern{eX}{-.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 }
```

Opt kerkis

```

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 }
```

Opt kpfonts

```

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 }
```

Opt libertine 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 }
```

Opt `libertinus` 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 }
```

Opt `librebodoni` Specific to LibreBodoni only.

```

236 \newcommand*{\MLX@librebodoni}{%
237   \setlogokern{Te}{-.07em}%
238   \setlogokern{eX}{-.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 }
```

Opt `lmodern`

```

246 \newcommand*{\MLX@lmodern}{%
247   \setlogokern{Te}{-.10em}%
248   \setlogokern{eX}{-.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 }
```

Opt `lmodernsans`

```
256 \newcommand*{\MLX@lmodernsans}{%
257     \setlogokern{Te}{-.20em}%
258     \setlogokern{eX}{-.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 }
```

Opt `merriweather`

```
266 \newcommand*{\MLX@merriweather}{%
267     \setlogokern{Te}{-.09em}%
268     \setlogokern{eX}{-.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 }
```

Opt `newcent`

```
276 \newcommand*{\MLX@newcent}{%
277     \setlogokern{Te}{-.08em}%
278     \setlogokern{eX}{-.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 }
```

Opt `noto`

```
286 \newcommand*{\MLX@noto}{%
287     \setlogokern{Te}{-.11em}%
288     \setlogokern{eX}{-.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 }
```

Opt palatino

```
296 \newcommand*{\MLX@palatino}{%
297     \setlogokern{Te}{-.07em}%
298     \setlogokern{eX}{-.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 }
```

Opt pandora

```
306 \newcommand*{\MLX@pandora}{%
307     \setlogokern{Te}{-.09em}%
308     \setlogokern{eX}{-.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 }
```

Opt paratype

```
316 \newcommand*{\MLX@paratype}{%
317     \setlogokern{Te}{-.07em}%
318     \setlogokern{eX}{-.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 }
```

Opt plexserif

```
326 \newcommand*{\MLX@plexserif}{%
327     \setlogokern{Te}{-.1667em}%
328     \setlogokern{eX}{-.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 }
```

Opt plexsans

```

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 }
```

Opt quattrocento Compromises must be made here. It appears that the height of 1ex is incorrect for serif with X_ELa_TE_X, Lua_La_TE_X.

```

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 }
```

Opt sourceserifpro

```

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 }
```

Opt sourcesanspro

```

366 \newcommand*{\MLX@sourcesanspro}{%
```

```
367 \setlogokern{Te}{-.12em}%
368 \setlogokern{eX}{-.09em}%
369 \setlogokern{La}{-.22em}%
370 \setlogokern{aT}{-.07em}%
371 \setlogokern{Xe}{-.09em}%
372 \setlogokern{eT}{-.10em}%
373 \setlogokern{eL}{-.09em}%
374 \setlogodrop{.30ex}%
375 }
```

Opt times

```
376 \newcommand*\MLX@times}{%
377 \setlogokern{Te}{-.06em}%
378 \setlogokern{eX}{-.05em}%
379 \setlogokern{La}{-.28em}%
380 \setlogokern{aT}{-.07em}%
381 \setlogokern{Xe}{-.06em}%
382 \setlogokern{eT}{-.06em}%
383 \setlogokern{eL}{-.02em}%
384 \setlogodrop{.34ex}%
385 }
```

Opt utopia

```
386 \newcommand*\MLX@utopia}{%
387 \setlogokern{Te}{-.08em}%
388 \setlogokern{eX}{-.04em}%
389 \setlogokern{La}{-.21em}%
390 \setlogokern{aT}{-.10em}%
391 \setlogokern{Xe}{-.02em}%
392 \setlogokern{eT}{-.10em}%
393 \setlogokern{eL}{-.06em}%
394 \setlogodrop{.30ex}%
395 }
```

Opt venturis

```
396 \newcommand*\MLX@venturis}{%
397 \setlogokern{Te}{-.07em}%
398 \setlogokern{eX}{-.05em}%
399 \setlogokern{La}{-.22em}%
400 \setlogokern{aT}{-.07em}%
401 \setlogokern{Xe}{-.06em}%
402 \setlogokern{eT}{-.06em}%
403 \setlogokern{eL}{-.06em}%
404 \setlogodrop{.36ex}%
405 }
```

Opt vera

```
406 \newcommand*{\MLX@vera}{%
407   \setlogokern{Te}{-.12em}%
408   \setlogokern{eX}{-.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 }
```

Opt verasans

```
416 \newcommand*{\MLX@verasans}{%
417   \setlogokern{Te}{-.12em}%
418   \setlogokern{eX}{-.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.

Opt tgbonum

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

Opt tgheros

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

Opt tgpagella

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

Opt tgschola

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

Opt tgtermes

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

3.2.2 Similar fonts

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

Opt `antiqua`

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

Opt `anttor`

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

Opt `artemisia`

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

Opt `caladea`

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

Opt `caslon`

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

Opt `cochineal`

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

Opt `concmath`

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

Opt `drm`

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

Opt `garamond`

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

Opt `imfellenglish`

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

```

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

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

Opt romande
 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}{-T0sF}{#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-T0sF}{#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{ybvw}{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{GilliusADFN02}{Gillius}{avantgarde}%
563 \MLX@@detectone{GilliusADFN02Cond}{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{jkpkfосн}{kpfonts}{kpfonts}%
587 \MLX@@detectone{jkpkосн}{kpfonts}{kpfonts}%
588 \MLX@@detectone{jkpkосн}{kpfonts}{kpfonts}%
589 \MLX@@detectone{jkpkвосн}{kpfonts}{kpfonts}%
590 \MLX@@detectone{jkпл}{kpfonts}{kpfonts}%
591 \MLX@@detectone{jkплф}{kpfonts}{kpfonts}%
592 \MLX@@detectone{jkплфосн}{kpfonts}{kpfonts}%
593 \MLX@@detectone{jkплк}{kpfonts}{kpfonts}%
594 \MLX@@detectone{jkплкф}{kpfonts}{kpfonts}%
595 \MLX@@detectone{jkплкфосн}{kpfonts}{kpfonts}%
596 \MLX@@detectone{jkплкосн}{kpfonts}{kpfonts}%
597 \MLX@@detectone{jkплкосн}{kpfonts}{kpfonts}%
598 \MLX@@detectone{jkплквосн}{kpfonts}{kpfonts}%
599 \MLX@@detectone{jkплквосн}{kpfonts}{kpfonts}%
600 \MLX@@detectone{jkплквосн}{kpfonts}{kpfonts}%
601 \MLX@@detectone{jkплквосн}{kpfonts}{kpfonts}%
602 \MLX@@detectone{jkпоз}{kpfonts}{kpfonts}%
603 \MLX@@detectone{jkпозн}{kpfonts}{kpfonts}%
604 \MLX@@detectone{jkпss}{kpfonts}{kpfonts}%
605 \MLX@@detectone{jkпssф}{kpfonts}{kpfonts}%
606 \MLX@@detectone{jkпssфосн}{kpfonts}{kpfonts}%
607 \MLX@@detectone{jkпssк}{kpfonts}{kpfonts}%
608 \MLX@@detectone{jkпssкф}{kpfonts}{kpfonts}%
609 \MLX@@detectone{jkпssкфосн}{kpfonts}{kpfonts}%
610 \MLX@@detectone{jkпssкосн}{kpfonts}{kpfonts}%
611 \MLX@@detectone{jkпssкосн}{kpfonts}{kpfonts}%
612 \MLX@@detectone{jkпssквосн}{kpfonts}{kpfonts}%
613 \MLX@@detectone{jkпssосн}{kpfonts}{kpfonts}%
614 \MLX@@detectone{jkпssосн}{kpfonts}{kpfonts}%
615 \MLX@@detectone{jkпssвосн}{kpfonts}{kpfonts}%
616 \MLX@@detectone{jkпtt}{kpfonts}{kpfonts}%
617 \MLX@@detectone{jkпttосн}{kpfonts}{kpfonts}%
618 \MLX@@detectone{jkпttвосн}{kpfonts}{kpfonts}%
619 \MLX@@detectone{jkпttвосн}{kpfonts}{kpfonts}%
620 \MLX@@detectone{jkпvосн}{kpfonts}{kpfonts}%
621 \MLX@@detectone{jkпx}{kpfonts}{kpfonts}%
622 \MLX@@detectone{jkпxf}{kpfonts}{kpfonts}%
623 \MLX@@detectone{jkпxfосн}{kpfonts}{kpfonts}%
624 \MLX@@detectone{jkпxк}{kpfonts}{kpfonts}%
625 \MLX@@detectone{jkпxкф}{kpfonts}{kpfonts}%
626 \MLX@@detectone{jkпxкфосн}{kpfonts}{kpfonts}%
627 \MLX@@detectone{jkпxкосн}{kpfonts}{kpfonts}%
628 \MLX@@detectone{jkпxкосн}{kpfonts}{kpfonts}%
629 \MLX@@detectone{jkпxквосн}{kpfonts}{kpfonts}%
630 \MLX@@detectone{jkпxквосн}{kpfonts}{kpfonts}%
631 \MLX@@detectone{jkпxквосн}{kpfonts}{kpfonts}%
632 \MLX@@detectone{jkпxвосн}{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{lmr}{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{ztm}{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{yrd}{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}{tgscola}{newcent}%
718 \MLX@@detectone{qtm}{tgtermes}{times}%
719 \MLX@@detectone{TeXGyreAdventor}{TeX Gyre Adventor}{avantgarde}%
720 \MLX@@detectone{TeXGyreBonom}{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}{venturisold}{venturis}%
739 \MLX@@detectone{yvoa}{venturisold}{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

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)
\adjustlogos	3, 444 gentium (option)
alegreya (option)	5
algorrevived (option)	6
antiqua (option)	17 helvetica (option)
antpol (option)	6
anttor (option)	17
artemisia (option)	17 imfellenglish (option)
\autoadjustlogos	4, 471
\autoadjustlogos*	4
avantgarde (option)	6
B	H
baskerville (option)	7 helvetica (option)
berenis (option)	7
bodoni (option)	7 imfellenglish (option)
boisik (option)	7
bookman (option)	8 kerkis (option)
C	I
caladea (option)	17 kpfonts (option)
caslon (option)	17
charter (option)	8 libertine (option)
cochineal (option)	17 libertinus (option)
coelacanth (option)	8 librebodoni (option)
concmath (option)	17 literat (option)
crimson (option)	8 lmodern (option)
D	K
default (option)	5 kerkis (option)
didot (option)	9 kpfonts (option)
drm (option)	17
droidsans (option)	9
droidserif (option)	9
E	L
elphant (option)	17 libertine (option)
elphant* (option)	17
elphant** (option)	17
elphant*** (option)	17
M	N
elphant@detectone (option)	17 merriweather (option)
elphant@detectvariant (option)	17 metalogox (package)
elphant@detectvariant* (option)	17 \MLX@@detectone
elphant@detectvariant** (option)	17 \MLX@@detectvariant
O	P
elphant@detectvariant*** (option)	17 option:
elphant@detectvariant@detectone (option)	accanthis
elphant@detectvariant@detectvariant (option)	alegreya

algolrevived	6	sourcerifpro	14
antiqua	17	tgbonus	16
antpol	6	tgheros	16
anttor	17	tgpagella	16
artemisia	17	tgschola	16
avantgarde	6	tgtermes	16
baskerville	7	times	15
berenis	7	utopia	15
bodoni	7	venturis	15
boisik	7	vera	16
bookman	8	verasans	16
caladea	17		
caslon	17		
charter	8	P	
cochineal	17	package:	
coelacanth	8	metalogox	3
concmath	17	palatino (option)	13
crimson	8	pandora (option)	13
default	5	paratype (option)	13
didot	9	plexsans (option)	14
drm	17	plexserif (option)	13
droidsans	9		
droidserif	9	Q	
garamond	17	quattrocento (option)	14
gentium	9		
helvetica	10	R	
imfellenglish	17	roboto (option)	18
kerkis	10	romande (option)	18
kpfonts	10		
libertine	10	S	
libertinus	11	sourcesanspro (option)	14
librebodoni	11	sourcerifpro (option)	14
literat	18		
lmodern	11	T	
lmodernsans	12	tgbonus (option)	16
merriweather	12	tgheros (option)	16
newcent	12	tgpagella (option)	16
noto	12	tgschola (option)	16
palatino	13	tgtermes (option)	16
pandora	13	times (option)	15
paratype	13		
plexsans	14	U	
plexserif	13	utopia (option)	15
quattrocento	14		
robot	18	V	
romande	18	venturis (option)	15
sourcesanspro	14	vera (option)	16
		verasans (option)	16