

# tcvfaces — All-in-one typeface selector.\*

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Released ?

## 1 Introduction

I don't really pretend that this package is complete; I mainly use it for my own work, and I don't go out of my way to test it in situations that I wouldn't normally come across myself. This is a package for people who are lazy, not for people who want to use weird typefaces in weird combinations on weird platforms.

```
1 ⟨*package⟩
2 \RequirePackage{kvoptions}
3
4 \SetupKeyvalOptions{
5   family=tcvfaces,
6   prefix=tcvfaces@}
7
8 \DeclareStringOption[lmodern]{rm}
9 \DeclareStringOption[lmodern]{sf}
10 \DeclareStringOption[lmodern]{tt}
11
12 \ProcessKeyvalOptions{tcvfaces}
13
14 \def\tcvfaces@pdftex{pdftex}
15 \def\tcvfaces@xetex{xetex}
16 \def\tcvfaces@luatex{luatex}
17
18 \@ifundefined{pdftexversion}{}{\def\tcvfaces@engine{pdftex}}
19 \@ifundefined{XeTeXversion}{}{\def\tcvfaces@engine{xetex}}
20 \@ifundefined{luatexversion}{}{\def\tcvfaces@engine{luatex}}
21
22 \ifx\tcvfaces@engine\tcvfaces@pdftex
23   \PackageInfo{tcvfaces}{detected pdftex engine}
24   \RequirePackage[T1]{fontenc}
25 \fi
26
```

---

\*This file describes version ?, last revised ?.

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```

27 \ifx\tcvfaces@engine\tcvfaces@xetex
28   \PackageInfo{tcvfaces}{detected xetex engine}
29   \RequirePackage{fontspec}
30 \fi
31
32 \ifx\tcvfaces@engine\tcvfaces@luatex
33   \PackageInfo{tcvfaces}{detected Luatex engine}
34   \PackageWarning{tcvfaces}{Luatex support is barely tested}
35   \RequirePackage[T1]{fontenc}
36   \RequirePackage{luaotfload}
37 \fi
38

```

This particular line *must* be after loading `fontspec`, because otherwise with `nomath` this will cause an option conflict.

```

39 \RequirePackage{metalogo}
40
41 \def\tcvfaces@schola{schola}
42 \def\tcvfaces@pagella{pagella}
43 \def\tcvfaces@termes{termes}
44 \def\tcvfaces@heros{heros}
45 \def\tcvfaces@bonum{bonum}
46 \def\tcvfaces@adventor{adventor}
47 \def\tcvfaces@libertine{libertine}
48 \def\tcvfaces@biolinum{biolinum}
49 \def\tcvfaces@cmbright{cmbright}
50 \def\tcvfaces@concrete{concrete}
51 \def\tcvfaces@kpfonts{kpfonts}
52 \def\tcvfaces@iwona{iwona}
53 \def\tcvfaces@antykwa{antykwa}
54 \def\tcvfaces@venturis{venturis}
55 \def\tcvfaces@venturistwo{venturistwo}
56 \def\tcvfaces@lucida{lucida}
57 \def\tcvfaces@lmodern{lmodern}
58 \def\tcvfaces@inconsolata{inconsolata}
59
60 \def\tcvfaces@dejavu{dejavu}
61
62 \def\tcvfaces@calluna{calluna}
63 \def\tcvfaces@fontin{fontin}
64 \def\tcvfaces@museo{museo}
65
66 \def\tcvfaces@candara{candara}
67 \def\tcvfaces@consolas{consolas}
68 \def\tcvfaces@corbel{corbel}
69 \def\tcvfaces@constantia{constantia}
70
71 \def\tcvfaces@arno{arno}
72 \def\tcvfaces@brioso{brioso}
73 \def\tcvfaces@caflisch{caflisch}

```

```

74 \def\tcvfaces@caslon{caslon}
75 \def\tcvfaces@chaparral{chaparral}
76 \def\tcvfaces@cronos{cronos}
77 \def\tcvfaces@garamond{garamond}
78 \def\tcvfaces@jenson{jenson}
79 \def\tcvfaces@kepler{kepler}
80 \def\tcvfaces@minion{minion}
81 \def\tcvfaces@myriad{myriad}
82 \def\tcvfaces@poetica{poetica}
83 \def\tcvfaces@sanvito{sanvito}
84 \def\tcvfaces@tekton{tekton}
85 \def\tcvfaces@utopia{utopia}
86 \def\tcvfaces@warnock{warnock}

```

We provide functions to access the various typefaces that we expose.

```

87 \newcommand{\tgadventor}{\fontfamily{qag}\selectfont}
88 \newcommand{\tgbonum}{\fontfamily{qbk}\selectfont}
89 \newcommand{\tgchorus}{\fontfamily{qzc}\selectfont}
90 \newcommand{\tgcursor}{\fontfamily{qcr}\selectfont}
91 \newcommand{\tgtheros}{\fontfamily{qhv}\selectfont}
92 \newcommand{\tgpagella}{\fontfamily{qpl}\selectfont}
93 \newcommand{\tgschola}{\fontfamily{qcs}\selectfont}
94 \newcommand{\tgtermes}{\fontfamily{qtm}\selectfont}

```

## 2 Libre Fonts for T<sub>E</sub>X

The following fonts are all open-source type things for T<sub>E</sub>X.

### 2.1 Latin Modern

```

95 \ifx\tcvfaces@rm\tcvfaces@lmodern
96 \ifx\tcvfaces@engine\tcvfaces@pdftex
97 \renewcommand{\rmdefault}{\lrm}
98 \fi
99 \ifx\tcvfaces@engine\tcvfaces@xetex
100 \setmainfont[Mapping=tex-text,SmallCapsFont={Latin Modern Roman Caps}]{Latin Modern Roman}
101 \DeclareFontShape {EU1}{LatinModernRoman(0)}{m}{sl}{<->"Latin\space Modern\space Roman\space S
102 \DeclareFontShape {EU1}{LatinModernRoman(0)}{bx}{sl}{<->"Latin\space Modern\space Roman\space
103 \fi
104 \fi
105 \ifx\tcvfaces@sf\tcvfaces@lmodern
106 \ifx\tcvfaces@engine\tcvfaces@pdftex
107 \renewcommand{\sfdefault}{\lmss}
108 \fi
109 \ifx\tcvfaces@engine\tcvfaces@xetex
110 \setsansfont[Mapping=tex-text]{Latin Modern Sans}
111 \fi
112 \fi
113 \ifx\tcvfaces@tt\tcvfaces@lmodern

```

```

114 \ifx\tcvfaces@engine\tcvfaces@pdftex
115   \renewcommand{\ttdefault}{lmtt}
116 \fi
117 \ifx\tcvfaces@engine\tcvfaces@xetex
118   \setmonofont[Mapping=tex-text]{Latin Modern Mono}
119   \DeclareFontShape {EU1}{LatinModernMono(0)}{m}{sl}{<->"Latin\space Modern\space Mono\space Sl
120 \fi
121 \fi

```

## 2.2 T<sub>E</sub>X-Gyre

```

122 \ifx\tcvfaces@rm\tcvfaces@schola
123 \ifx\tcvfaces@engine\tcvfaces@pdftex
124   \renewcommand{\rmdefault}{qcs}
125 \fi
126 \ifx\tcvfaces@engine\tcvfaces@xetex
127   \setmainfont[Mapping=tex-text]{TeX Gyre Schola}
128 \fi
129 \fi
130
131 \ifx\tcvfaces@rm\tcvfaces@termes
132 \ifx\tcvfaces@engine\tcvfaces@pdftex
133   \renewcommand{\rmdefault}{qtm}
134 \fi
135 \ifx\tcvfaces@engine\tcvfaces@xetex
136   \setmainfont[Mapping=tex-text]{TeX Gyre Termes}
137 \fi
138 \fi
139
140 \ifx\tcvfaces@rm\tcvfaces@pagella
141 \ifx\tcvfaces@engine\tcvfaces@pdftex
142   \renewcommand{\rmdefault}{qpl}
143 \fi
144 \ifx\tcvfaces@engine\tcvfaces@xetex
145   \setmainfont[Mapping=tex-text]{TeX Gyre Pagella}
146 \fi
147 \fi
148
149 \ifx\tcvfaces@sf\tcvfaces@heros
150 \ifx\tcvfaces@engine\tcvfaces@pdftex
151   \renewcommand{\sfdefault}{qhv}
152 \fi
153 \ifx\tcvfaces@engine\tcvfaces@xetex
154   \setsansfont[Mapping=tex-text]{TeX Gyre Heros}
155 \fi
156 \fi
157
158 \ifx\tcvfaces@rm\tcvfaces@bonum
159 \ifx\tcvfaces@engine\tcvfaces@pdftex
160   \renewcommand{\sfdefault}{qbk}

```

```

161 \fi
162 \ifx\tcvfaces@engine\tcvfaces@xetex
163   \setmainfont[Mapping=tex-text]{TeX Gyre Bonum}
164 \fi
165 \fi
166
167 \ifx\tcvfaces@sf\tcvfaces@adventor
168   \ifx\tcvfaces@engine\tcvfaces@pdftex
169     \renewcommand{\sfdefault}{qag}
170   \fi
171   \ifx\tcvfaces@engine\tcvfaces@xetex
172     \setsansfont[Mapping=tex-text]{TeX Gyre Adventor}
173   \fi
174 \fi

```

## 2.3 Other Fonts

Linux Libertine is a nice, compact roman font that resembles Venturis.

```

175 \ifx\tcvfaces@rm\tcvfaces@libertine
176   \ifx\tcvfaces@engine\tcvfaces@pdftex
177     \renewcommand{\rmdefault}{fxlb}
178   \fi
179   \ifx\tcvfaces@engine\tcvfaces@xetex
180     \setmainfont[Mapping=tex-text]{Linux Libertine O}
181   \fi
182 \fi
183
184 \ifx\tcvfaces@sf\tcvfaces@libertine
185   \ifx\tcvfaces@engine\tcvfaces@pdftex
186     \renewcommand{\sfdefault}{fxlb}
187   \fi
188   \ifx\tcvfaces@engine\tcvfaces@xetex
189     \setsansfont[Mapping=tex-text]{Linux Biolinum O}
190   \fi
191 \fi
192 \ifx\tcvfaces@sf\tcvfaces@biolinum
193   \ifx\tcvfaces@engine\tcvfaces@pdftex
194     \renewcommand{\sfdefault}{fxlb}
195   \fi
196   \ifx\tcvfaces@engine\tcvfaces@xetex
197     \setsansfont[Mapping=tex-text]{Linux Biolinum O}
198   \fi
199 \fi

```

The Concrete fonts were designed by Knuth for use in his *Concrete Mathematics* book. It's really quite a nice font (mainly for denser or more technical material with smaller line measures), but the roman family is unfortunately not available in a bold variant. Thus, I redefine the bold variants to use the Latin Modern sans-serif family instead.

```

200 \ifx\tcvfaces@rm\tcvfaces@concrete

```

```

201 \RequirePackage{textcomp}
202 \RequirePackage{ccfonts}
203 \RequirePackage{eulervm}
204 \AtBeginDocument{
205   \DeclareFontShape{T1}{ccr}{bx}{n}{<->ssub*lmss/bx/n}{}
206   \DeclareFontShape{T1}{ccr}{bx}{sl}{<->ssub*lmss/bx/sl}{}
207   \DeclareFontShape{T1}{ccr}{bx}{it}{<->ssub*lmss/bx/it}{}
208 }
209 \fi

```

Iwona is another simple one to handle, just create it.

```

210 \ifx\tcvfaces@rm\tcvfaces@iwona
211 \ifx\tcvfaces@engine\tcvfaces@pdftex
212   \RequirePackage[math]{iwona}
213 \fi
214 \ifx\tcvfaces@engine\tcvfaces@xetex
215   \RequirePackage[math]{iwona}
216   \setmainfont[Mapping=tex-text]{Iwona}
217 \fi
218 \fi
219 \ifx\tcvfaces@sf\tcvfaces@iwona
220 \ifx\tcvfaces@engine\tcvfaces@pdftex
221   \RequirePackage[math]{iwona}
222 \fi
223 \ifx\tcvfaces@engine\tcvfaces@xetex
224   \RequirePackage[math]{iwona}
225   \setsansfont[Mapping=tex-text]{Iwona}
226 \fi
227 \fi

```

Antykwa Torunska

```

228 \ifx\tcvfaces@rm\tcvfaces@antykwa
229 \ifx\tcvfaces@engine\tcvfaces@pdftex
230   \RequirePackage[math]{anttor}
231   \AtBeginDocument{
232     \DeclareFontShape{T1}{antt}{m}{sl}{<->ssub*antt/m/it}{}
233     \DeclareFontShape{T1}{antt}{b}{sl}{<->ssub*antt/b/it}{}
234   }
235 \fi
236 \ifx\tcvfaces@engine\tcvfaces@xetex
237   \RequirePackage[math]{anttor}
238   \setmainfont{Antykwa Torunska}
239 \fi
240 \fi

```

The Kp-Fonts package is a beautiful complete font that has a really unfortunately wide sans-serif. Thus, we only bring in the roman family. The Kp-Fonts also pull in the textcomp package with the full option, which is different from the default (almostfull, what I use for other fonts) and thus causes an error if both are done. There is an option to prevent it from loading textcomp but I'll let

them be the judge of what is best on that front. However, I do want to call it out explicitly in the code, and thus load it myself with their chosen option.

```
241 \ifx\tcvfaces@rm\tcvfaces@kpfonts
242   \RequirePackage[full]{textcomp}
243   \RequirePackage{lmodern}
244   \RequirePackage[onlyrm,largesmallcaps]{kpfonts}
245 \fi
```

Venturis is a really nice font, but it's quite narrow so only useful when the measure is also fairly narrow. Excellent for multiple-column output. It doesn't come with a monospace version, but I find that it pairs well with the monospace font from the txfonts package. The trouble, however, is that Venturis is often too small at 10pt where txtt looks good. So I presume that the user will adjust their global face size to 11pt or 12pt for Venturis and accept 10pt for the monospace typeface.

```
246 \ifx\tcvfaces@rm\tcvfaces@venturis
247   \ifx\tcvfaces@engine\tcvfaces@pdftex
248     \RequirePackage{textcomp}
249     \RequirePackage[lf]{venturis}
250     \newlength\tcv@size
251     \renewcommand{\ttfamily}{%
252       \setlength\tcv@size{\f@size pt}%
253       \addtolength\tcv@size{-1pt}%
254       \fontfamily{txtt}\fontsize{\tcv@size}{\f@baselineskip}\selectfont}
255   \fi
256   \ifx\tcvfaces@engine\tcvfaces@xetex
257     \setmainfont{Venturis ADF}
258   \fi
259 \fi
260 \ifx\tcvfaces@sf\tcvfaces@venturis
261   \ifx\tcvfaces@engine\tcvfaces@xetex
262     \setsansfont{VenturisSans ADF}
263   \fi
264 \fi
265
266 \ifx\tcvfaces@rm\tcvfaces@venturistwo
267   \RequirePackage{textcomp}
268   \RequirePackage{eulervm}
269   \RequirePackage{venturis2}
270   \newlength\tcv@size
271   \renewcommand{\ttfamily}{%
272     \setlength\tcv@size{\f@size pt}%
273     \addtolength\tcv@size{-2pt}%
274     \fontfamily{txtt}\fontsize{\tcv@size}{\f@baselineskip}\selectfont}
275 \fi
```

Inconsolata

```
276 \ifx\tcvfaces@tt\tcvfaces@inconsolata
277   \ifx\tcvfaces@engine\tcvfaces@pdftex
```

```

278   \renewcommand{\ttdefault}{fi4}
279   \fi
280   \ifx\tcvfaces@engine\tcvfaces@xetex
281     \setmonofont{Inconsolata}
282   \fi
283 \fi

```

The Lucida typefaces from B&H. It has a really large x-height, almost too large for my tastes, but one really nice thing going for it is relatively complete math support. This makes it one of the few collections which is an entirely self-contained and well-integrated, no matter what you're writing.

```

284 \ifx\tcvfaces@rm\tcvfaces@lucida
285   \RequirePackage{textcomp}
286   \RequirePackage[altbullet]{lucidabr}
287 \fi
288
289 \ifx\tcvfaces@sf\tcvfaces@lucida
290   \RequirePackage{textcomp}
291   \RequirePackage[altbullet]{lucidabr}
292 \fi
293
294 \ifx\tcvfaces@rm\tcvfaces@devaju
295   \ifx\tcvfaces@engine\tcvfaces@xetex
296     \setmainfont{DejaVu Serif Book}
297   \fi
298
299 \ifx\tcvfaces@sf\tcvfaces@dejavu
300   \ifx\tcvfaces@engine\tcvfaces@xetex
301     \setsansfont{DejaVu Sans Book}
302   \fi
303 \fi
304
305 \ifx\tcvfaces@tt\tcvfaces@dejavu
306   \ifx\tcvfaces@engine\tcvfaces@xetex
307     \setmonofont{DejaVu Sans Mono}
308   \fi
309 \fi

```

### 3 Exljbris Foundry

The Calluna typeface from Jos Buivenga, currently only available with Xe<sub>La</sub>TeX.

```

310 \ifx\tcvfaces@rm\tcvfaces@calluna
311   \ifx\tcvfaces@engine\tcvfaces@xetex
312     \setmainfont[Mapping=tex-text,Numbers=Lining]{Calluna}
313   \else
314     \PackageError{tcvfaces}{XeTeX required}
315   \fi
316 \fi

```

The Museo Slab typeface from Jos Buivenga, currently only available with  $\text{\XeTeX}$ .

```
317 \ifx\tcvfaces@rm\tcvfaces@museo
318 \ifx\tcvfaces@engine\tcvfaces@xetex
319 \setmainfont[
320 Mapping=tex-text,
321 BoldFont={Museo Slab 500},
322 ItalicFont={Museo Slab 500 Italic}
323 ]{Museo Slab 500}
324 \else
325 \PackageError{tcvfaces}{\XeTeX required}
326 \fi
327 \fi
328
329 \ifx\tcvfaces@sf\tcvfaces@museo
330 \ifx\tcvfaces@engine\tcvfaces@xetex
331 \setsansfont[Mapping=tex-text]{Museo Sans}
332 \else
333 \PackageError{tcvfaces}{\XeTeX required}
334 \fi
335 \fi

```

Fontin

```
336 \ifx\tcvfaces@rm\tcvfaces@fontin
337 \ifx\tcvfaces@engine\tcvfaces@xetex
338 \setmainfont[Mapping=tex-text]{Fontin}
339 \else
340 \PackageError{tcvfaces}{\XeTeX required}
341 \fi
342 \fi
343
344 \ifx\tcvfaces@sf\tcvfaces@fontin
345 \ifx\tcvfaces@engine\tcvfaces@xetex
346 \setsansfont[Mapping=tex-text]{Fontin Sans}
347 \else
348 \PackageError{tcvfaces}{\XeTeX required}
349 \fi
350 \fi

```

## 4 Microsoft Foundry

```
351 \ifx\tcvfaces@rm\tcvfaces@constantia
352 \ifx\tcvfaces@engine\tcvfaces@xetex
353 \setmainfont[Mapping=tex-text]{Constantia}
354 \else
355 \PackageError{tcvfaces}{\XeTeX required}
356 \fi
357 \fi

```

```

358
359 \ifx\tcvfaces@sf\tcvfaces@candara
360 \ifx\tcvfaces@engine\tcvfaces@xetex
361 \setsansfont[Mapping=tex-text]{Candara}
362 \else
363 \PackageError{tcvfaces}{XeTeX required}
364 \fi
365 \fi
366
367 \ifx\tcvfaces@tt\tcvfaces@consolas
368 \ifx\tcvfaces@engine\tcvfaces@xetex
369 \setmonofont[Mapping=tex-text]{Consolas}
370 \else
371 \PackageError{tcvfaces}{XeTeX required}
372 \fi
373 \fi

```

## 5 Adobe Foundry

### 5.1 Roman Typefaces

Arno Pro, currently only available with  $X_{\text{F}}\text{T}_{\text{E}}\text{X}$ .

```

374 \ifx\tcvfaces@rm\tcvfaces@arno
375 \ifx\tcvfaces@engine\tcvfaces@xetex
376 \setmainfont[Mapping=tex-text]{Arno Pro}
377 \font\tcvfaces@swash="Arno Pro Italic:swsh"
378 \DeclareTextFontCommand{\textsw}{\tcvfaces@swash}
379 \else
380 \PackageError{tcvfaces}{XeTeX required}
381 \fi
382 \fi

```

Adobe Caslon, currently only available with  $X_{\text{F}}\text{T}_{\text{E}}\text{X}$ .

```

383 \ifx\tcvfaces@rm\tcvfaces@caslon
384 \ifx\tcvfaces@engine\tcvfaces@xetex
385 \setmainfont[Mapping=tex-text]{Adobe Caslon Pro}
386 \else
387 \PackageError{tcvfaces}{XeTeX required}
388 \fi
389 \fi

```

Carol Twombly's Chaparral, currently only available with  $X_{\text{F}}\text{T}_{\text{E}}\text{X}$ .

```

390 \ifx\tcvfaces@rm\tcvfaces@chaparral
391 \ifx\tcvfaces@engine\tcvfaces@xetex
392 \setmainfont[Mapping=tex-text]{Chaparral Pro}
393 \else
394 \PackageError{tcvfaces}{XeTeX required}
395 \fi
396 \fi

```

Adobe Garamond, currently only available with X<sub>Ǝ</sub>TeX.

```
397 \ifx\tcvfaces@rm\tcvfaces@garamond
398 \ifx\tcvfaces@engine\tcvfaces@xetex
399 \setmainfont[Mapping=tex-text]{Garamond Premier Pro Medium}
400 \else
401 \PackageError{tcvfaces}{XeTeX required}
402 \fi
403 \fi
```

Adobe Jenson Pro, currently only available with X<sub>Ǝ</sub>TeX.

```
404 \ifx\tcvfaces@rm\tcvfaces@jenson
405 \ifx\tcvfaces@engine\tcvfaces@xetex
406 \setmainfont[Mapping=tex-text]{Adobe Jenson Pro}
407 \else
408 \PackageError{tcvfaces}{XeTeX required}
409 \fi
410 \fi
```

Robert Slimbach's Kepler, currently only available with X<sub>Ǝ</sub>TeX.

```
411 \ifx\tcvfaces@rm\tcvfaces@kepler
412 \ifx\tcvfaces@engine\tcvfaces@xetex
413 \setmainfont[Mapping=tex-text]{Kepler Std}
414 \else
415 \PackageError{tcvfaces}{XeTeX required}
416 \fi
417 \fi
```

The most beautiful book typeface I've ever seen, Robert Slimbach's Minion, currently only available with X<sub>Ǝ</sub>TeX.

```
418 \ifx\tcvfaces@rm\tcvfaces@minion
419 \ifx\tcvfaces@engine\tcvfaces@xetex
420 \setmainfont[Mapping=tex-text]{Minion Pro}
421 \newfontface\tcvfaces@swash[Contextuals=Swash]{Minion Pro Italic}
422 \DeclareTextFontCommand{\textsw}{\tcvfaces@swash}
423 \else
424 \PackageError{tcvfaces}{XeTeX required}
425 \fi
426 \fi
```

Robert Slimbach's Utopia.

```
427 \ifx\tcvfaces@rm\tcvfaces@adobe@utopia
428 \ifx\tcvfaces@engine\tcvfaces@xetex
429 \setmainfont[Mapping=tex-text]{Utopia Std}
430 \else
431 \PackageError{tcvfaces}{XeTeX required}
432 \fi
433 \fi
```

Robert Slimbach's Warnock, currently only available with X<sub>Ǝ</sub>TeX.

```

434 \ifx\tcvfaces@rm\tcvfaces@warnock
435   \ifx\tcvfaces@engine\tcvfaces@xetex
436     \setmainfont[Mapping=tex-text]{Warnock Pro}
437   \else
438     \PackageError{tcvfaces}{XeTeX required}
439   \fi
440 \fi

```

## 5.2 Sans-Serif Typefaces

Carol Twombly and Robert Slimbach's Myriad typeface.

```

441 \ifx\tcvfaces@sf\tcvfaces@myriad
442   \ifx\tcvfaces@engine\tcvfaces@xetex
443     \setsansfont[Mapping=tex-text]{Myriad Pro}
444     \newlength\tcv@size
445     \def\sffamily{%
446       \setlength\tcv@size{\f@size pt}%
447       \addtolength\tcv@size{-1pt}%
448       \fontfamily{\sfdefault}%
449       \fontsize\tcv@size{\f@baselineskip}%
450       \selectfont}
451   \else
452     \PackageError{tcvfaces}{XeTeX required}
453   \fi
454 \fi

```

Robert Slimbach's Cronos typeface.

```

455 \ifx\tcvfaces@sf\tcvfaces@cronos
456   \ifx\tcvfaces@engine\tcvfaces@xetex
457     \setsansfont[Mapping=tex-text]{Cronos Pro}
458   \else
459     \PackageError{tcvfaces}{XeTeX required}
460   \fi
461 \fi
462 % \DescribeMacro{\LaTeX} Grzegorz Murzynowski has defined a new version of the
463 % |\LaTeX| which is designed to be more friendly to a variety of typefaces
464 % beyond just computer modern. We include it here, because frankly I like it
465 % more.
466 %   \begin{macrocode}
467 \DeclareRobustCommand{\LaTeX}{%
468 {%
469 L%
470 \setbox\z@\hbox{\check@mathfonts
471 \fontsize\sf@size\z@
472 \math@fontsfalse\selectfont
473 A}%
474 \kern-.57\wd\z@
475 \sbox\tw@ T%
476 \vbox to\ht\tw@{\copy\z@ \vss}%

```

```
477 \kern-.2\wd\z@}%
478 {%
479 \ifdim\fontdimen1\font=\z@
480 \else
481 \count\z@=\fontdimen5\font
482 \multiply\count\z@ by 64\relax
483 \divide\count\z@ by\p@
484 \count\tw@=\fontdimen1\font
485 \multiply\count\tw@ by\count\z@
486 \divide\count\tw@ by 64\relax
487 \divide\count\tw@ by\tw@
488 \kern-\the\count\tw@ sp\relax
489 \fi}%
490 \TeX}

491 \newcommand*{\tcvfacessetup}{\setkeys{tcvfaces}}
492 </package>
```