

cfr-lm: fontinst sources

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Abstract

This file contains listings for the encodings used by `cfr-lm`. For commentary, changes and documentation, see `cfr-lm.pdf`. I apologise for the horrendous length of the lines in `clm-t1-drv.tex`. My only defence is that nobody else is ever going to read it.

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1 Drivers

The driver does all the initial setup of the fonts. It organises the fonts into families, defines shapes and reencodes as required. For `cfr-lm-build`, the driver is split into `clm-t1-drv.tex` and `clm-ts1-drv.tex`.

1.1 T1 Driver

`clm-t1-drv.tex` (*drv.*) The EC or T1 families.

```
1 \input fontinst.sty
2 \needsfontinstversion{1.926}
```

*Bug tracker: codeberg.org/cfr/nfssex/issues | Code: codeberg.org/cfr/nfssex | Mirror: github.com/cfr42/nfssex

Substitutions

```

3 \substitutesilent{scit}{scsl}
4 \substitutesilent{si}{scit}
5 \substitutesilent{ui}{it}
6 \substitutesilent{sl}{ui}
7 \substitutesilent{it}{sl}
8 \substitutesilent{sc}{n}

```

Bold extended for bold

This *really* shouldn't be necessary!! But on newer kernels, it is. nfssex-cfr contains a fix, but maybe this will help if they change the code again. The basic problem is that virtual fonts are ignored by code which now treats CM/LM as special cases. It doesn't break, but it makes a mess.

```

9 \substitutesilent{b}{bx}

```

Record transformations for later map file creation

```

10 \recordtransforms{clm-rec.tex}

```

Don't allow fonts to be scaled via variable in fd files as we have optical sizes.

Transformations : reencode fonts

Reencode for standard T1 encoding - tabular, lining digits

```

11 \transformfont{lmb8ttl10}{\reencodefont{t1-clm}{\fromafm{lmb10}}}
12 \transformfont{lmb08ttl10}{\reencodefont{t1-clm}{\fromafm{lmb010}}}
13 \transformfont{lmbx8ttl10}{\reencodefont{t1-clm}{\fromafm{lmbx10}}}
14 \transformfont{lmbx8ttl12}{\reencodefont{t1-clm}{\fromafm{lmbx12}}}
15 \transformfont{lmbx8ttl5}{\reencodefont{t1-clm}{\fromafm{lmbx5}}}
16 \transformfont{lmbx8ttl6}{\reencodefont{t1-clm}{\fromafm{lmbx6}}}
17 \transformfont{lmbx8ttl7}{\reencodefont{t1-clm}{\fromafm{lmbx7}}}
18 \transformfont{lmbx8ttl8}{\reencodefont{t1-clm}{\fromafm{lmbx8}}}
19 \transformfont{lmbx8ttl9}{\reencodefont{t1-clm}{\fromafm{lmbx9}}}
20 \transformfont{lmbxi8ttl10}{\reencodefont{t1-clm}{\fromafm{lmbxi10}}}
21 \transformfont{lmbxo8ttl10}{\reencodefont{t1-clm}{\fromafm{lmbxo10}}}
22 \transformfont{lmcsc8ttl10}{\reencodefont{t1-clm}{\fromafm{lmcsc10}}}
23 \transformfont{lmcsc08ttl10}{\reencodefont{t1-clm}{\fromafm{lmcsc010}}}
24 \transformfont{lmr8ttl10}{\reencodefont{t1-clm}{\fromafm{lmr10}}}
25 \transformfont{lmr8ttl12}{\reencodefont{t1-clm}{\fromafm{lmr12}}}
26 \transformfont{lmr8ttl17}{\reencodefont{t1-clm}{\fromafm{lmr17}}}
27 \transformfont{lmr8ttl5}{\reencodefont{t1-clm}{\fromafm{lmr5}}}
28 \transformfont{lmr8ttl6}{\reencodefont{t1-clm}{\fromafm{lmr6}}}
29 \transformfont{lmr8ttl7}{\reencodefont{t1-clm}{\fromafm{lmr7}}}
30 \transformfont{lmr8ttl8}{\reencodefont{t1-clm}{\fromafm{lmr8}}}
31 \transformfont{lmr8ttl9}{\reencodefont{t1-clm}{\fromafm{lmr9}}}
32 \transformfont{lMRI8ttl10}{\reencodefont{t1-clm}{\fromafm{lMRI10}}}
33 \transformfont{lMRI8ttl12}{\reencodefont{t1-clm}{\fromafm{lMRI12}}}
34 \transformfont{lMRI8ttl7}{\reencodefont{t1-clm}{\fromafm{lMRI7}}}
35 \transformfont{lMRI8ttl8}{\reencodefont{t1-clm}{\fromafm{lMRI8}}}
36 \transformfont{lMRI8ttl9}{\reencodefont{t1-clm}{\fromafm{lMRI9}}}
37 \transformfont{lMRO8ttl10}{\reencodefont{t1-clm}{\fromafm{lMRO10}}}
38 \transformfont{lMRO8ttl12}{\reencodefont{t1-clm}{\fromafm{lMRO12}}}
39 \transformfont{lMRO8ttl17}{\reencodefont{t1-clm}{\fromafm{lMRO17}}}
40 \transformfont{lMRO8ttl8}{\reencodefont{t1-clm}{\fromafm{lMRO8}}}
41 \transformfont{lMRO8ttl9}{\reencodefont{t1-clm}{\fromafm{lMRO9}}}
42 \transformfont{lMU8ttl10}{\reencodefont{t1-clm}{\fromafm{lMU10}}}
43 \transformfont{lMSS8ttl10}{\reencodefont{t1-clm}{\fromafm{lMSS10}}}
44 \transformfont{lMSS8ttl12}{\reencodefont{t1-clm}{\fromafm{lMSS12}}}
45 \transformfont{lMSS8ttl17}{\reencodefont{t1-clm}{\fromafm{lMSS17}}}
46 \transformfont{lMSS8ttl8}{\reencodefont{t1-clm}{\fromafm{lMSS8}}}
47 \transformfont{lMSS8ttl9}{\reencodefont{t1-clm}{\fromafm{lMSS9}}}

```

```

48 \transformfont{lmssbo8ttl10}{\reencodefont{t1-clm}{\fromafm{lmssbo10}}}
49 \transformfont{lmssbx8ttl10}{\reencodefont{t1-clm}{\fromafm{lmssbx10}}}
50 \transformfont{lmssdc8ttl10}{\reencodefont{t1-clm}{\fromafm{lmssdc10}}}
51 \transformfont{lmssdo8ttl10}{\reencodefont{t1-clm}{\fromafm{lmssdo10}}}
52 \transformfont{lmss08ttl10}{\reencodefont{t1-clm}{\fromafm{lmss010}}}
53 \transformfont{lmss08ttl12}{\reencodefont{t1-clm}{\fromafm{lmss012}}}
54 \transformfont{lmss08ttl17}{\reencodefont{t1-clm}{\fromafm{lmss017}}}
55 \transformfont{lmss08ttl8}{\reencodefont{t1-clm}{\fromafm{lmss08}}}
56 \transformfont{lmss08ttl9}{\reencodefont{t1-clm}{\fromafm{lmss09}}}
57 \transformfont{lmssq8ttl8}{\reencodefont{t1-clm}{\fromafm{lmssq8}}}
58 \transformfont{lmssqbo8ttl8}{\reencodefont{t1-clm}{\fromafm{lmssqbo8}}}
59 \transformfont{lmssqbx8ttl8}{\reencodefont{t1-clm}{\fromafm{lmssqbx8}}}
60 \transformfont{lmssqo8ttl8}{\reencodefont{t1-clm}{\fromafm{lmssqo8}}}
61 \transformfont{lmtcsc8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtcsc10}}}
62 \transformfont{lmtco8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtco10}}}
63 \transformfont{lmtk8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtk10}}}
64 \transformfont{lmtko8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtko10}}}
65 \transformfont{lmtl8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtl10}}}
66 \transformfont{lmtlc8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtlc10}}}
67 \transformfont{lmtlco8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtlco10}}}
68 \transformfont{lmtlo8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtlo10}}}
69 \transformfont{lmtt8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtt10}}}
70 \transformfont{lmtt8ttl12}{\reencodefont{t1-clm}{\fromafm{lmtt12}}}
71 \transformfont{lmtt8ttl8}{\reencodefont{t1-clm}{\fromafm{lmtt8}}}
72 \transformfont{lmtt8ttl9}{\reencodefont{t1-clm}{\fromafm{lmtt9}}}
73 \transformfont{lmtti8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtti10}}}
74 \transformfont{lmtto8ttl10}{\reencodefont{t1-clm}{\fromafm{lmtto10}}}
75 \transformfont{lmvtk8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtk10}}}
76 \transformfont{lmvtko8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtko10}}}
77 \transformfont{lmvtl8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtl10}}}
78 \transformfont{lmvtlo8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtlo10}}}
79 \transformfont{lmvtt8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtt10}}}
80 \transformfont{lmvtto8ttl10}{\reencodefont{t1-clm}{\fromafm{lmvtto10}}}
81 \transformfont{lmdunh8ttl10}{\reencodefont{t1-clm}{\fromafm{lmdunh10}}}
82 \transformfont{lmduno8ttl10}{\reencodefont{t1-clm}{\fromafm{lmduno10}}}

```

Reencode alternative digits (proportional, proportional osf, tabular osf, zero.slash)

```

83 \transformfont{dd-lmb10}{\reencodefont{dotdigits}{\fromafm{lmb10}}}
84 \transformfont{dd-lmbo10}{\reencodefont{dotdigits}{\fromafm{lmbo10}}}
85 \transformfont{dd-lmbx10}{\reencodefont{dotdigits}{\fromafm{lmbx10}}}
86 \transformfont{dd-lmbx12}{\reencodefont{dotdigits}{\fromafm{lmbx12}}}
87 \transformfont{dd-lmbx5}{\reencodefont{dotdigits}{\fromafm{lmbx5}}}
88 \transformfont{dd-lmbx6}{\reencodefont{dotdigits}{\fromafm{lmbx6}}}
89 \transformfont{dd-lmbx7}{\reencodefont{dotdigits}{\fromafm{lmbx7}}}
90 \transformfont{dd-lmbx8}{\reencodefont{dotdigits}{\fromafm{lmbx8}}}
91 \transformfont{dd-lmbx9}{\reencodefont{dotdigits}{\fromafm{lmbx9}}}
92 \transformfont{dd-lmbxi10}{\reencodefont{dotdigits}{\fromafm{lmbxi10}}}
93 \transformfont{dd-lmbxo10}{\reencodefont{dotdigits}{\fromafm{lmbxo10}}}
94 \transformfont{dd-lmcsc10}{\reencodefont{dotdigits}{\fromafm{lmcsc10}}}
95 \transformfont{dd-lmcsc10}{\reencodefont{dotdigits}{\fromafm{lmcsc10}}}
96 \transformfont{dd-lmr10}{\reencodefont{dotdigits}{\fromafm{lmr10}}}
97 \transformfont{dd-lmr12}{\reencodefont{dotdigits}{\fromafm{lmr12}}}
98 \transformfont{dd-lmr17}{\reencodefont{dotdigits}{\fromafm{lmr17}}}
99 \transformfont{dd-lmr5}{\reencodefont{dotdigits}{\fromafm{lmr5}}}
100 \transformfont{dd-lmr6}{\reencodefont{dotdigits}{\fromafm{lmr6}}}
101 \transformfont{dd-lmr7}{\reencodefont{dotdigits}{\fromafm{lmr7}}}
102 \transformfont{dd-lmr8}{\reencodefont{dotdigits}{\fromafm{lmr8}}}
103 \transformfont{dd-lmr9}{\reencodefont{dotdigits}{\fromafm{lmr9}}}
104 \transformfont{dd-lmri10}{\reencodefont{dotdigits}{\fromafm{lmri10}}}
105 \transformfont{dd-lmri12}{\reencodefont{dotdigits}{\fromafm{lmri12}}}
106 \transformfont{dd-lmri7}{\reencodefont{dotdigits}{\fromafm{lmri7}}}

```

```

107 \transformfont{dd-lmri8}{\reencodefont{dotdigits}{\fromafm{lmri8}}}
108 \transformfont{dd-lmri9}{\reencodefont{dotdigits}{\fromafm{lmri9}}}
109 \transformfont{dd-lmro10}{\reencodefont{dotdigits}{\fromafm{lmro10}}}
110 \transformfont{dd-lmro12}{\reencodefont{dotdigits}{\fromafm{lmro12}}}
111 \transformfont{dd-lmro17}{\reencodefont{dotdigits}{\fromafm{lmro17}}}
112 \transformfont{dd-lmro8}{\reencodefont{dotdigits}{\fromafm{lmro8}}}
113 \transformfont{dd-lmro9}{\reencodefont{dotdigits}{\fromafm{lmro9}}}
114 \transformfont{dd-lmu10}{\reencodefont{dotdigits}{\fromafm{lmu10}}}
115 \transformfont{dd-lmss10}{\reencodefont{dotdigits}{\fromafm{lmss10}}}
116 \transformfont{dd-lmss12}{\reencodefont{dotdigits}{\fromafm{lmss12}}}
117 \transformfont{dd-lmss17}{\reencodefont{dotdigits}{\fromafm{lmss17}}}
118 \transformfont{dd-lmss8}{\reencodefont{dotdigits}{\fromafm{lmss8}}}
119 \transformfont{dd-lmss9}{\reencodefont{dotdigits}{\fromafm{lmss9}}}
120 \transformfont{dd-lmssbo10}{\reencodefont{dotdigits}{\fromafm{lmssbo10}}}
121 \transformfont{dd-lmssbx10}{\reencodefont{dotdigits}{\fromafm{lmssbx10}}}
122 \transformfont{dd-lmssdc10}{\reencodefont{dotdigits}{\fromafm{lmssdc10}}}
123 \transformfont{dd-lmssdo10}{\reencodefont{dotdigits}{\fromafm{lmssdo10}}}
124 \transformfont{dd-lmssdo10}{\reencodefont{dotdigits}{\fromafm{lmssdo10}}}
125 \transformfont{dd-lmssdo12}{\reencodefont{dotdigits}{\fromafm{lmssdo12}}}
126 \transformfont{dd-lmssdo17}{\reencodefont{dotdigits}{\fromafm{lmssdo17}}}
127 \transformfont{dd-lmssdo8}{\reencodefont{dotdigits}{\fromafm{lmssdo8}}}
128 \transformfont{dd-lmssdo9}{\reencodefont{dotdigits}{\fromafm{lmssdo9}}}
129 \transformfont{dd-lmssq8}{\reencodefont{dotdigits}{\fromafm{lmssq8}}}
130 \transformfont{dd-lmssqbo8}{\reencodefont{dotdigits}{\fromafm{lmssqbo8}}}
131 \transformfont{dd-lmssqbx8}{\reencodefont{dotdigits}{\fromafm{lmssqbx8}}}
132 \transformfont{dd-lmssqo8}{\reencodefont{dotdigits}{\fromafm{lmssqo8}}}
133 \transformfont{dd-lmtcsc10}{\reencodefont{dotdigits}{\fromafm{lmtcsc10}}}
134 \transformfont{dd-lmtcso10}{\reencodefont{dotdigits}{\fromafm{lmtcso10}}}
135 \transformfont{dd-lmtk10}{\reencodefont{dotdigits}{\fromafm{lmtk10}}}
136 \transformfont{dd-lmtko10}{\reencodefont{dotdigits}{\fromafm{lmtko10}}}
137 \transformfont{dd-lmtl10}{\reencodefont{dotdigits}{\fromafm{lmtl10}}}
138 \transformfont{dd-lmtlc10}{\reencodefont{dotdigits}{\fromafm{lmtlc10}}}
139 \transformfont{dd-lmtlco10}{\reencodefont{dotdigits}{\fromafm{lmtlco10}}}
140 \transformfont{dd-lmtlo10}{\reencodefont{dotdigits}{\fromafm{lmtlo10}}}
141 \transformfont{dd-lmtt10}{\reencodefont{dotdigits}{\fromafm{lmtt10}}}
142 \transformfont{dd-lmtt12}{\reencodefont{dotdigits}{\fromafm{lmtt12}}}
143 \transformfont{dd-lmtt8}{\reencodefont{dotdigits}{\fromafm{lmtt8}}}
144 \transformfont{dd-lmtt9}{\reencodefont{dotdigits}{\fromafm{lmtt9}}}
145 \transformfont{dd-lmtti10}{\reencodefont{dotdigits}{\fromafm{lmtti10}}}
146 \transformfont{dd-lmtto10}{\reencodefont{dotdigits}{\fromafm{lmtto10}}}
147 \transformfont{dd-lmvtk10}{\reencodefont{dotdigits}{\fromafm{lmvtk10}}}
148 \transformfont{dd-lmvtko10}{\reencodefont{dotdigits}{\fromafm{lmvtko10}}}
149 \transformfont{dd-lmvtl10}{\reencodefont{dotdigits}{\fromafm{lmvtl10}}}
150 \transformfont{dd-lmvtlo10}{\reencodefont{dotdigits}{\fromafm{lmvtlo10}}}
151 \transformfont{dd-lmvtto10}{\reencodefont{dotdigits}{\fromafm{lmvtto10}}}
152 \transformfont{dd-lmvtto10}{\reencodefont{dotdigits}{\fromafm{lmvtto10}}}
153 \transformfont{dd-lmdunh10}{\reencodefont{dotdigits}{\fromafm{lmdunh10}}}
154 \transformfont{dd-lmduno10}{\reencodefont{dotdigits}{\fromafm{lmduno10}}}

```

Installation: creation of virtual fonts

```
155 \installfonts
```

clm: serif, tabular, lining digits

```

156 \installfamily{T1}{clm}{%
157 \installfont{clmr8t5}{%
158 ec-lmr5 encoding txtfdmns,lmr8tt15,%
159 \metrics\unsetint{accapheight},newlatin%
160 }{t1-clm}{T1}{clm}{m}{n}{<-5.5>}
161 \installfont{clmr8t6}{%
162 ec-lmr6 encoding txtfdmns,lmr8tt16,%

```

```

163     \metrics\unsetint{accapheight},newlatin%
164   }{t1-clm}{T1}{clm}{m}{n}{<5.5-6.5>}
165   \installfont{clmr8t7}{%
166     ec-lmr7 encoding txtfdmns,lmr8ttl7,%
167     \metrics\unsetint{accapheight},newlatin%
168   }{t1-clm}{T1}{clm}{m}{n}{<6.5-7.5>}
169   \installfont{clmr8t8}{%
170     ec-lmr8 encoding txtfdmns,lmr8ttl8,%
171     \metrics\unsetint{accapheight},newlatin%
172   }{t1-clm}{T1}{clm}{m}{n}{<7.5-8.5>}
173   \installfont{clmr8t9}{%
174     ec-lmr9 encoding txtfdmns,lmr8ttl9,%
175     \metrics\unsetint{accapheight},newlatin%
176   }{t1-clm}{T1}{clm}{m}{n}{<8.5-9.5>}
177   \installfont{clmr8t10}{%
178     ec-lmr10 encoding txtfdmns,lmr8ttl10,%
179     \metrics\unsetint{accapheight},newlatin%
180   }{t1-clm}{T1}{clm}{m}{n}{<9.5-11>}
181   \installfont{clmr8t12}{%
182     ec-lmr12 encoding txtfdmns,lmr8ttl12,%
183     \metrics\unsetint{accapheight},newlatin%
184   }{t1-clm}{T1}{clm}{m}{n}{<11-15>}
185   \installfont{clmr8t17}{%
186     ec-lmr17 encoding txtfdmns,lmr8ttl17,%
187     \metrics\unsetint{accapheight},newlatin%
188   }{t1-clm}{T1}{clm}{m}{n}{<15->}
189   \installfont{clmro8t8}{%
190     ec-lmro8 encoding txtfdmns,lmro8ttl8,%
191     \metrics\unsetint{accapheight},newlatin%
192   }{t1-clm}{T1}{clm}{m}{s1}{<-8.5>}
193   \installfont{clmro8t9}{%
194     ec-lmro9 encoding txtfdmns,lmro8ttl9,%
195     \metrics\unsetint{accapheight},newlatin%
196   }{t1-clm}{T1}{clm}{m}{s1}{<8.5-9.5>}
197   \installfont{clmro8t10}{%
198     ec-lmro10 encoding txtfdmns,lmro8ttl10,%
199     \metrics\unsetint{accapheight},newlatin%
200   }{t1-clm}{T1}{clm}{m}{s1}{<9.5-11>}
201   \installfont{clmro8t12}{%
202     ec-lmro12 encoding txtfdmns,lmro8ttl12,%
203     \metrics\unsetint{accapheight},newlatin%
204   }{t1-clm}{T1}{clm}{m}{s1}{<11-15>}
205   \installfont{clmro8t17}{%
206     ec-lmro17 encoding txtfdmns,lmro8ttl17,%
207     \metrics\unsetint{accapheight},newlatin%
208   }{t1-clm}{T1}{clm}{m}{s1}{<15->}
209   \installfont{clmri8t7}{%
210     ec-lmri7 encoding txtfdmns,lmri8ttl7,%
211     \metrics\unsetint{accapheight},newlatin%
212   }{t1-clm}{T1}{clm}{m}{it}{<-7.5>}
213   \installfont{clmri8t8}{%
214     ec-lmri8 encoding txtfdmns,lmri8ttl8,%
215     \metrics\unsetint{accapheight},newlatin%
216   }{t1-clm}{T1}{clm}{m}{it}{<7.5-8.5>}
217   \installfont{clmri8t9}{%
218     ec-lmri9 encoding txtfdmns,lmri8ttl9,%
219     \metrics\unsetint{accapheight},newlatin%
220   }{t1-clm}{T1}{clm}{m}{it}{<8.5-9.5>}
221   \installfont{clmri8t10}{%
222     ec-lmri10 encoding txtfdmns,lmri8ttl10,%
223     \metrics\unsetint{accapheight},newlatin%

```

```

224 }{t1-clm}{T1}{clm}{m}{it}{<9.5-11>}
225 \installfont{clmri8t12}{%
226   ec-lmri12 encoding txtfdmns,lmri8ttl12,%
227   \metrics\unsetint{accapheight},newlatin%
228 }{t1-clm}{T1}{clm}{m}{it}{<11->}
229 \installfont{clmu8t10}{%
230   ec-lmu10 encoding txtfdmns,lmu8ttl10,%
231   \metrics\unsetint{accapheight},newlatin%
232 }{t1-clm}{T1}{clm}{m}{ui}{-}{}
233 \installfont{clmcs8t10}{%
234   ec-lmcs10 encoding txtfdmns,lmcs8ttl10,%
235   \metrics\unsetint{accapheight},newlatin%
236 }{t1-clm}{T1}{clm}{m}{sc}{-}{}
237 \installfont{clmcsco8t10}{%
238   ec-lmcsco10 encoding txtfdmns,lmcsco8ttl10,%
239   \metrics\unsetint{accapheight},newlatin%
240 }{t1-clm}{T1}{clm}{m}{scsl}{-}{}

```

Repeat for bold fonts

```

241 \installfont{clmbx8t5}{%
242   ec-lmbx5 encoding txtfdmns,lmbx8ttl5,%
243   \metrics\unsetint{accapheight},newlatin%
244 }{t1-clm}{T1}{clm}{bx}{n}{<-5.5>}
245 \installfont{clmbx8t6}{%
246   ec-lmbx6 encoding txtfdmns,lmbx8ttl6,%
247   \metrics\unsetint{accapheight},newlatin%
248 }{t1-clm}{T1}{clm}{bx}{n}{<5.5-6.5>}
249 \installfont{clmbx8t7}{%
250   ec-lmbx7 encoding txtfdmns,lmbx8ttl7,%
251   \metrics\unsetint{accapheight},newlatin%
252 }{t1-clm}{T1}{clm}{bx}{n}{<6.5-7.5>}
253 \installfont{clmbx8t8}{%
254   ec-lmbx8 encoding txtfdmns,lmbx8ttl8,%
255   \metrics\unsetint{accapheight},newlatin%
256 }{t1-clm}{T1}{clm}{bx}{n}{<7.5-8.5>}
257 \installfont{clmbx8t9}{%
258   ec-lmbx9 encoding txtfdmns,lmbx8ttl9,%
259   \metrics\unsetint{accapheight},newlatin%
260 }{t1-clm}{T1}{clm}{bx}{n}{<8.5-9.5>}
261 \installfont{clmbx8t10}{%
262   ec-lmbx10 encoding txtfdmns,lmbx8ttl10,%
263   \metrics\unsetint{accapheight},newlatin%
264 }{t1-clm}{T1}{clm}{bx}{n}{<9.5-11>}
265 \installfont{clmbx8t12}{%
266   ec-lmbx12 encoding txtfdmns,lmbx8ttl12,%
267   \metrics\unsetint{accapheight},newlatin%
268 }{t1-clm}{T1}{clm}{bx}{n}{<11->}
269 \installfont{clmbxo8t10}{%
270   ec-lmbxo10 encoding txtfdmns,lmbxo8ttl10,%
271   \metrics\unsetint{accapheight},newlatin%
272 }{t1-clm}{T1}{clm}{bx}{s1}{-}{}
273 \installfont{clmbxi8t10}{%
274   ec-lmbxi10 encoding txtfdmns,lmbxi8ttl10,%
275   \metrics\unsetint{accapheight},newlatin%
276 }{t1-clm}{T1}{clm}{bx}{it}{-}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series -sb - here as they choose for those

```

277 \installfont{clmb8t10}{%

```

```

278     ec-lmb10 encoding txtfdmns,lmb8ttl10,%
279     \metrics\unsetint{accapheight},newlatin%
280   }{t1-clm}{T1}{clm}{sb}{n}{-}
281   \installfont{clmbo8t10}{%
282     ec-lmbo10 encoding txtfdmns,lmbo8ttl10,%
283     \metrics\unsetint{accapheight},newlatin%
284   }{t1-clm}{T1}{clm}{sb}{sl}{-}

```

clms: sans; tabular, lining digits

```

285   \installfamily{T1}{clms}{-}
286   \installfont{clmss8t8}{%
287     ec-lmss8 encoding txtfdmns,lmss8ttl8,%
288     \metrics\unsetint{accapheight},newlatin%
289   }{t1-clm}{T1}{clms}{m}{n}{<-8.5>}
290   \installfont{clmss8t9}{%
291     ec-lmss9 encoding txtfdmns,lmss8ttl9,%
292     \metrics\unsetint{accapheight},newlatin%
293   }{t1-clm}{T1}{clms}{m}{n}{<8.5-9.5>}
294   \installfont{clmss8t10}{%
295     ec-lmss10 encoding txtfdmns,lmss8ttl10,%
296     \metrics\unsetint{accapheight},newlatin%
297   }{t1-clm}{T1}{clms}{m}{n}{<9.5-11>}
298   \installfont{clmss8t12}{%
299     ec-lmss12 encoding txtfdmns,lmss8ttl12,%
300     \metrics\unsetint{accapheight},newlatin%
301   }{t1-clm}{T1}{clms}{m}{n}{<11-15>}
302   \installfont{clmss8t17}{%
303     ec-lmss17 encoding txtfdmns,lmss8ttl17,%
304     \metrics\unsetint{accapheight},newlatin%
305   }{t1-clm}{T1}{clms}{m}{n}{<15->}
306   \installfont{clmssso8t8}{%
307     ec-lmssso8 encoding txtfdmns,lmssso8ttl8,%
308     \metrics\unsetint{accapheight},newlatin%
309   }{t1-clm}{T1}{clms}{m}{sl}{<-8.5>}
310   \installfont{clmssso8t9}{%
311     ec-lmssso9 encoding txtfdmns,lmssso8ttl9,%
312     \metrics\unsetint{accapheight},newlatin%
313   }{t1-clm}{T1}{clms}{m}{sl}{<8.5-9.5>}
314   \installfont{clmssso8t10}{%
315     ec-lmssso10 encoding txtfdmns,lmssso8ttl10,%
316     \metrics\unsetint{accapheight},newlatin%
317   }{t1-clm}{T1}{clms}{m}{sl}{<9.5-11>}
318   \installfont{clmssso8t12}{%
319     ec-lmssso12 encoding txtfdmns,lmssso8ttl12,%
320     \metrics\unsetint{accapheight},newlatin%
321   }{t1-clm}{T1}{clms}{m}{sl}{<11-15>}
322   \installfont{clmssso8t17}{%
323     ec-lmssso17 encoding txtfdmns,lmssso8ttl17,%
324     \metrics\unsetint{accapheight},newlatin%
325   }{t1-clm}{T1}{clms}{m}{sl}{<15->}
326   \installfont{clmssbx8t10}{%
327     ec-lmssbx10 encoding txtfdmns,lmssbx8ttl10,%
328     \metrics\unsetint{accapheight},newlatin%
329   }{t1-clm}{T1}{clms}{bx}{n}{-}
330   \installfont{clmssbo8t10}{%
331     ec-lmssbo10 encoding txtfdmns,lmssbo8ttl10,%
332     \metrics\unsetint{accapheight},newlatin%
333   }{t1-clm}{T1}{clms}{bx}{sl}{-}
334   \installfont{clmssdc8t10}{%
335     ec-lmssdc10 encoding txtfdmns,lmssdc8ttl10,%
336     \metrics\unsetint{accapheight},newlatin%

```

```

337   }{t1-clm}{T1}{clms}{sbc}{n}{-}
338   \installfont{clmssdo8t10}{%-
339     ec-lmssdo10 encoding txtfdmns,lmssdo8ttl10,%
340     \metrics\unsetint{accapheight},newlatin%
341   }{t1-clm}{T1}{clms}{sbc}{sl}{-}

```

clmq: sans; tabular, lining digits \fontinstcc and \normalcc ensure @ is treated correctly when writing out font definition files. (This is not necessary in scaling factors since we treat those as strings.)

```

342   \fontinstcc
343   \installfamily{T1}{clmq}{\hyphenchar\font=\m@ne}
344   \normalcc
345   \installfont{clmssq8t8}{%-
346     ec-lmssq8 encoding txtfdmns,lmssq8ttl8,%
347     \metrics\unsetint{accapheight},newlatin%
348   }{t1-clm}{T1}{clmq}{m}{n}{-}
349   \installfont{clmssqo8t8}{%-
350     ec-lmssqo8 encoding txtfdmns,lmssqo8ttl8,%
351     \metrics\unsetint{accapheight},newlatin%
352   }{t1-clm}{T1}{clmq}{m}{sl}{-}
353   \installfont{clmssqbx8t8}{%-
354     ec-lmssqbx8 encoding txtfdmns,lmssqbx8ttl8,%
355     \metrics\unsetint{accapheight},newlatin%
356   }{t1-clm}{T1}{clmq}{bx}{n}{-}
357   \installfont{clmssqbo8t8}{%-
358     ec-lmssqbo8 encoding txtfdmns,lmssqbo8ttl8,%
359     \metrics\unsetint{accapheight},newlatin%
360   }{t1-clm}{T1}{clmq}{bx}{sl}{-}

```

clmt: mono/typewriter; tabular, lining digits

```

361   \fontinstcc
362   \installfamily{T1}{clmt}{\hyphenchar\font=\m@ne}
363   \normalcc
364   \installfont{clmtt8t8}{%-
365     ec-lmtt8 encoding txtfdmns,lmtt8ttl8,%
366     \metrics\unsetint{accapheight},newlatin%
367   }{t1-clm}{T1}{clmt}{m}{n}{<-8.5>}
368   \installfont{clmtt8t9}{%-
369     ec-lmtt9 encoding txtfdmns,lmtt8ttl9,%
370     \metrics\unsetint{accapheight},newlatin%
371   }{t1-clm}{T1}{clmt}{m}{n}{<8.5-9.5>}
372   \installfont{clmtt8t10}{%-
373     ec-lmtt10 encoding txtfdmns,lmtt8ttl10,%
374     \metrics\unsetint{accapheight},newlatin%
375   }{t1-clm}{T1}{clmt}{m}{n}{<9.5-11>}
376   \installfont{clmtt8t12}{%-
377     ec-lmtt12 encoding txtfdmns,lmtt8ttl12,%
378     \metrics\unsetint{accapheight},newlatin%
379   }{t1-clm}{T1}{clmt}{m}{n}{<11->}
380   \installfont{clmtto8t10}{%-
381     ec-lmtto10 encoding txtfdmns,lmtto8ttl10,%
382     \metrics\unsetint{accapheight},newlatin%
383   }{t1-clm}{T1}{clmt}{m}{sl}{-}
384   \installfont{clmtti8t10}{%-
385     ec-lmtti10 encoding txtfdmns,lmtti8ttl10,%
386     \metrics\unsetint{accapheight},newlatin%
387   }{t1-clm}{T1}{clmt}{m}{it}{-}
388   \installfont{clmtcsc8t10}{%-
389     ec-lmtcsc10 encoding txtfdmns,lmtcsc8ttl10,%
390     \metrics\unsetint{accapheight},newlatin%

```



```

391   }{t1-clm}{T1}{clmt}{m}{sc}{}
392   \installfont{clmtcso8t10}{%
393     ec-lmtcso10 encoding txtfdmns,lmtcso8ttl10,%
394     \metrics\unsetint{accapheight},newlatin%
395   }{t1-clm}{T1}{clmt}{m}{scsl}{}
396   \installfont{clmtk8t10}{%
397     ec-lmtk10 encoding txtfdmns,lmtk8ttl10,%
398     \metrics\unsetint{accapheight},newlatin%
399   }{t1-clm}{T1}{clmt}{bx}{n}{}
400   \installfont{clmtko8t10}{%
401     ec-lmtko10 encoding txtfdmns,lmtko8ttl10,%
402     \metrics\unsetint{accapheight},newlatin%
403   }{t1-clm}{T1}{clmt}{bx}{sl}{}
404   \installfont{clmtl8t10}{%
405     ec-lmtl10 encoding txtfdmns,lmtl8ttl10,%
406     \metrics\unsetint{accapheight},newlatin%
407   }{t1-clm}{T1}{clmt}{l}{n}{}
408   \installfont{clmtlo8t10}{%
409     ec-lmtlo10 encoding txtfdmns,lmtlo8ttl10,%
410     \metrics\unsetint{accapheight},newlatin%
411   }{t1-clm}{T1}{clmt}{l}{sl}{}
412   \installfont{clmtlc8t10}{%
413     ec-lmtlc10 encoding txtfdmns,lmtlc8ttl10,%
414     \metrics\unsetint{accapheight},newlatin%
415   }{t1-clm}{T1}{clmt}{lc}{n}{}
416   \installfont{clmtlco8t10}{%
417     ec-lmtlco10 encoding txtfdmns,lmtlco8ttl10,%
418     \metrics\unsetint{accapheight},newlatin%
419   }{t1-clm}{T1}{clmt}{lc}{sl}{}

```

clmv: variable typewriter; tabular, lining digits

```

420   \fontinstcc
421   \installfamily{T1}{clmv}{\hyphenchar\font=\m@ne}
422   \normalcc
423   \installfont{clmvtt8t10}{%
424     ec-lmvtt10 encoding txtfdmns,lmvtt8ttl10,%
425     \metrics\unsetint{accapheight},newlatin%
426   }{t1-clm}{T1}{clmv}{m}{n}{}
427   \installfont{clmvto8t10}{%
428     ec-lmvtto10 encoding txtfdmns,lmvtto8ttl10,%
429     \metrics\unsetint{accapheight},newlatin%
430   }{t1-clm}{T1}{clmv}{m}{sl}{}
431   \installfont{clmvtk8t10}{%
432     ec-lmvtk10 encoding txtfdmns,lmvtk8ttl10,%
433     \metrics\unsetint{accapheight},newlatin%
434   }{t1-clm}{T1}{clmv}{bx}{n}{}
435   \installfont{clmvtko8t10}{%
436     ec-lmvtko10 encoding txtfdmns,lmvtko8ttl10,%
437     \metrics\unsetint{accapheight},newlatin%
438   }{t1-clm}{T1}{clmv}{bx}{sl}{}
439   \installfont{clmvtl8t10}{%
440     ec-lmvtl10 encoding txtfdmns,lmvtl8ttl10,%
441     \metrics\unsetint{accapheight},newlatin%
442   }{t1-clm}{T1}{clmv}{l}{n}{}
443   \installfont{clmvtlo8t10}{%
444     ec-lmvtlo10 encoding txtfdmns,lmvtlo8ttl10,%
445     \metrics\unsetint{accapheight},newlatin%
446   }{t1-clm}{T1}{clmv}{l}{sl}{}

```

clmd: dunh; tabular, lining digits

```

447 \fontinstcc
448 \installfamily{T1}{clmd}{\hyphenchar\font=45}
449 \normalcc
450 \installfont{clmdunh8t10}{%
451   ec-lmdunh10 encoding txtdmns,lmdunh8ttl10,%
452   \metrics\unsetint{accapheight},newlatin%
453 }{t1-clm}{T1}{clmd}{m}{n}{-}
454 \installfont{clmduno8t10}{%
455   ec-lmduno10 encoding txtdmns,lmduno8ttl10,%
456   \metrics\unsetint{accapheight},newlatin%
457 }{t1-clm}{T1}{clmd}{m}{s1}{-}

```

Now create families with (tabular) oldstyle figures by default.

clmj

```

458 \installfamily{T1}{clmj}{-}
459 \installfont{clmrj8t5}{%
460   ec-lmr5 encoding txtdmns,lmr8ttl5,dd-lmr5,%
461   \metrics\unsetint{accapheight},newlatin%
462 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<-5.5>}
463 \installfont{clmrj8t6}{%
464   ec-lmr6 encoding txtdmns,lmr8ttl6,dd-lmr6,%
465   \metrics\unsetint{accapheight},newlatin%
466 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<5.5-6.5>}
467 \installfont{clmrj8t7}{%
468   ec-lmr7 encoding txtdmns,lmr8ttl7,dd-lmr7,%
469   \metrics\unsetint{accapheight},newlatin%
470 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<6.5-7.5>}
471 \installfont{clmrj8t8}{%
472   ec-lmr8 encoding txtdmns,lmr8ttl8,dd-lmr8,%
473   \metrics\unsetint{accapheight},newlatin%
474 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<7.5-8.5>}
475 \installfont{clmrj8t9}{%
476   ec-lmr9 encoding txtdmns,lmr8ttl9,dd-lmr9,%
477   \metrics\unsetint{accapheight},newlatin%
478 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<8.5-9.5>}
479 \installfont{clmrj8t10}{%
480   ec-lmr10 encoding txtdmns,lmr8ttl10,dd-lmr10,%
481   \metrics\unsetint{accapheight},newlatin%
482 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<9.5-11>}
483 \installfont{clmrj8t12}{%
484   ec-lmr12 encoding txtdmns,lmr8ttl12,dd-lmr12,%
485   \metrics\unsetint{accapheight},newlatin%
486 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<11-15>}
487 \installfont{clmrj8t17}{%
488   ec-lmr17 encoding txtdmns,lmr8ttl17,dd-lmr17,%
489   \metrics\unsetint{accapheight},newlatin%
490 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{n}{<15->}
491 \installfont{clmrjo8t8}{%
492   ec-lmro8 encoding txtdmns,lmro8ttl8,dd-lmro8,%
493   \metrics\unsetint{accapheight},newlatin%
494 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{s1}{<-8.5>}
495 \installfont{clmrjo8t9}{%
496   ec-lmro9 encoding txtdmns,lmro8ttl9,dd-lmro9,%
497   \metrics\unsetint{accapheight},newlatin%
498 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{s1}{<8.5-9.5>}
499 \installfont{clmrjo8t10}{%
500   ec-lmro10 encoding txtdmns,lmro8ttl10,dd-lmro10,%
501   \metrics\unsetint{accapheight},newlatin%
502 }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{s1}{<9.5-11>}
503 \installfont{clmrjo8t12}{%

```

```

504     ec-lmro12 encoding txtfdmns,lmro8ttl12,dd-lmro12,%
505     \metrics\unsetint{accapheight},newlatin%
506   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{s1}{<11-15>}
507   \installfont{clmrjo8t17}{%
508     ec-lmro17 encoding txtfdmns,lmro8ttl17,dd-lmro17,%
509     \metrics\unsetint{accapheight},newlatin%
510   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{s1}{<15->}
511   \installfont{clmrji8t7}{%
512     ec-lmri7 encoding txtfdmns,lmri8ttl7,dd-lmri7,%
513     \metrics\unsetint{accapheight},newlatin%
514   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{it}{<-7.5>}
515   \installfont{clmrji8t8}{%
516     ec-lmri8 encoding txtfdmns,lmri8ttl8,dd-lmri8,%
517     \metrics\unsetint{accapheight},newlatin%
518   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{it}{<7.5-8.5>}
519   \installfont{clmrji8t9}{%
520     ec-lmri9 encoding txtfdmns,lmri8ttl9,dd-lmri9,%
521     \metrics\unsetint{accapheight},newlatin%
522   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{it}{<8.5-9.5>}
523   \installfont{clmrji8t10}{%
524     ec-lmri10 encoding txtfdmns,lmri8ttl10,dd-lmri10,%
525     \metrics\unsetint{accapheight},newlatin%
526   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{it}{<9.5-11>}
527   \installfont{clmrji8t12}{%
528     ec-lmri12 encoding txtfdmns,lmri8ttl12,dd-lmri12,%
529     \metrics\unsetint{accapheight},newlatin%
530   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{it}{<11->}
531   \installfont{clmuj8t10}{%
532     ec-lmu10 encoding txtfdmns,lmu8ttl10,dd-lmu10,%
533     \metrics\unsetint{accapheight},newlatin%
534   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{ui}{-}
535   \installfont{clmcscj8t10}{%
536     ec-lmcs10 encoding txtfdmns,lmcs10ttl10,dd-lmcs10,%
537     \metrics\unsetint{accapheight},newlatin%
538   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{sc}{-}
539   \installfont{clmcscjo8t10}{%
540     ec-lmcsco10 encoding txtfdmns,lmcsco8ttl10,dd-lmcsco10,%
541     \metrics\unsetint{accapheight},newlatin%
542   }{dottaboldstyle,t1-clm}{T1}{clmj}{m}{scs1}{-}

```

Repeat for bold fonts

```

543   \installfont{clmbxj8t5}{%
544     ec-lmbx5 encoding txtfdmns,lmbx8ttl5,dd-lmbx5,%
545     \metrics\unsetint{accapheight},newlatin%
546   }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<-5.5>}
547   \installfont{clmbxj8t6}{%
548     ec-lmbx6 encoding txtfdmns,lmbx8ttl6,dd-lmbx6,%
549     \metrics\unsetint{accapheight},newlatin%
550   }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<5.5-6.5>}
551   \installfont{clmbxj8t7}{%
552     ec-lmbx7 encoding txtfdmns,lmbx8ttl7,dd-lmbx7,%
553     \metrics\unsetint{accapheight},newlatin%
554   }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<6.5-7.5>}
555   \installfont{clmbxj8t8}{%
556     ec-lmbx8 encoding txtfdmns,lmbx8ttl8,dd-lmbx8,%
557     \metrics\unsetint{accapheight},newlatin%
558   }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<7.5-8.5>}
559   \installfont{clmbxj8t9}{%
560     ec-lmbx9 encoding txtfdmns,lmbx8ttl9,dd-lmbx9,%
561     \metrics\unsetint{accapheight},newlatin%
562   }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<8.5-9.5>}

```

```

563 \installfont{clmbxj8t10}{%
564   ec-lmbx10 encoding txtfdmns,lmbx8ttl10,dd-lmbx10,%
565   \metrics\unsetint{accapheight},newlatin%
566 }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<9.5-11>}
567 \installfont{clmbxj8t12}{%
568   ec-lmbx12 encoding txtfdmns,lmbx8ttl12,dd-lmbx12,%
569   \metrics\unsetint{accapheight},newlatin%
570 }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{n}{<11->}
571 \installfont{clmbxjo8t10}{%
572   ec-lmbxo10 encoding txtfdmns,lmbxo8ttl10,dd-lmbxo10,%
573   \metrics\unsetint{accapheight},newlatin%
574 }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{sl}{l}
575 \installfont{clmbxji8t10}{%
576   ec-lmbxi10 encoding txtfdmns,lmbxi8ttl10,dd-lmbxi10,%
577   \metrics\unsetint{accapheight},newlatin%
578 }{dottaboldstyle,t1-clm}{T1}{clmj}{bx}{it}{l}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those.

```

579 \installfont{clmbj8t10}{%
580   ec-lmb10 encoding txtfdmns,lmb8ttl10,dd-lmb10,%
581   \metrics\unsetint{accapheight},newlatin%
582 }{dottaboldstyle,t1-clm}{T1}{clmj}{sb}{n}{l}
583 \installfont{clmbjo8t10}{%
584   ec-lmbo10 encoding txtfdmns,lmbo8ttl10,dd-lmbo10,%
585   \metrics\unsetint{accapheight},newlatin%
586 }{dottaboldstyle,t1-clm}{T1}{clmj}{sb}{sl}{l}

```

clmjs

```

587 \installfamily{T1}{clmjs}{l}
588 \installfont{clmssj8t8}{%
589   ec-lmss8 encoding txtfdmns,lmss8ttl8,dd-lmss8,%
590   \metrics\unsetint{accapheight},newlatin%
591 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{n}{<-8.5>}
592 \installfont{clmssj8t9}{%
593   ec-lmss9 encoding txtfdmns,lmss8ttl9,dd-lmss9,%
594   \metrics\unsetint{accapheight},newlatin%
595 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{n}{<8.5-9.5>}
596 \installfont{clmssj8t10}{%
597   ec-lmss10 encoding txtfdmns,lmss8ttl10,dd-lmss10,%
598   \metrics\unsetint{accapheight},newlatin%
599 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{n}{<9.5-11>}
600 \installfont{clmssj8t12}{%
601   ec-lmss12 encoding txtfdmns,lmss8ttl12,dd-lmss12,%
602   \metrics\unsetint{accapheight},newlatin%
603 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{n}{<11-15>}
604 \installfont{clmssj8t17}{%
605   ec-lmss17 encoding txtfdmns,lmss8ttl17,dd-lmss17,%
606   \metrics\unsetint{accapheight},newlatin%
607 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{n}{<15->}
608 \installfont{clmssjo8t8}{%
609   ec-lmss08 encoding txtfdmns,lmss08ttl8,dd-lmss08,%
610   \metrics\unsetint{accapheight},newlatin%
611 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{sl}{<-8.5>}
612 \installfont{clmssjo8t9}{%
613   ec-lmss09 encoding txtfdmns,lmss08ttl9,dd-lmss09,%
614   \metrics\unsetint{accapheight},newlatin%
615 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{sl}{<8.5-9.5>}
616 \installfont{clmssjo8t10}{%

```

```

617     ec-lmssol10 encoding txtfdmns,lmssol10,dd-lmssol10,%
618     \metrics\unsetint{accapheight},newlatin%
619 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{sl}{<9.5-11>}
620 \installfont{clmssjo8t12}{%
621     ec-lmssol12 encoding txtfdmns,lmssol12,dd-lmssol12,%
622     \metrics\unsetint{accapheight},newlatin%
623 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{sl}{<11-15>}
624 \installfont{clmssjo8t17}{%
625     ec-lmssol17 encoding txtfdmns,lmssol17,dd-lmssol17,%
626     \metrics\unsetint{accapheight},newlatin%
627 }{dottaboldstyle,t1-clm}{T1}{clmjs}{m}{sl}{<15->}
628 \installfont{clmssbxj8t10}{%
629     ec-lmssbx10 encoding txtfdmns,lmssbx8t10,dd-lmssbx10,%
630     \metrics\unsetint{accapheight},newlatin%
631 }{dottaboldstyle,t1-clm}{T1}{clmjs}{bx}{n}{ }
632 \installfont{clmssbjo8t10}{%
633     ec-lmssbo10 encoding txtfdmns,lmssbo8t10,dd-lmssbo10,%
634     \metrics\unsetint{accapheight},newlatin%
635 }{dottaboldstyle,t1-clm}{T1}{clmjs}{bx}{sl}{ }
636 \installfont{clmssdcj8t10}{%
637     ec-lmssdc10 encoding txtfdmns,lmssdc8t10,dd-lmssdc10,%
638     \metrics\unsetint{accapheight},newlatin%
639 }{dottaboldstyle,t1-clm}{T1}{clmjs}{sbc}{n}{ }
640 \installfont{clmssdjo8t10}{%
641     ec-lmssdo10 encoding txtfdmns,lmssdo8t10,dd-lmssdo10,%
642     \metrics\unsetint{accapheight},newlatin%
643 }{dottaboldstyle,t1-clm}{T1}{clmjs}{sbc}{sl}{ }

```

clmjqs

```

644 \fontinstcc
645 \installfamily{T1}{clmjqs}{\hyphenchar\font=\m@ne}
646 \normalcc
647 \installfont{clmssqj8t8}{%
648     ec-lmssq8 encoding txtfdmns,lmssq8t18,dd-lmssq8,%
649     \metrics\unsetint{accapheight},newlatin%
650 }{dottaboldstyle,t1-clm}{T1}{clmjqs}{m}{n}{ }
651 \installfont{clmssqjo8t8}{%
652     ec-lmssqo8 encoding txtfdmns,lmssqo8t18,dd-lmssqo8,%
653     \metrics\unsetint{accapheight},newlatin%
654 }{dottaboldstyle,t1-clm}{T1}{clmjqs}{m}{sl}{ }
655 \installfont{clmssqbxj8t8}{%
656     ec-lmssqbx8 encoding txtfdmns,lmssqbx8t18,dd-lmssqbx8,%
657     \metrics\unsetint{accapheight},newlatin%
658 }{dottaboldstyle,t1-clm}{T1}{clmjqs}{bx}{n}{ }
659 \installfont{clmssqbo8t8}{%
660     ec-lmssqbo8 encoding txtfdmns,lmssqbo8t18,dd-lmssqbo8,%
661     \metrics\unsetint{accapheight},newlatin%
662 }{dottaboldstyle,t1-clm}{T1}{clmjqs}{bx}{sl}{ }

```

clmjt

```

663 \fontinstcc
664 \installfamily{T1}{clmjt}{\hyphenchar\font=\m@ne}
665 \normalcc
666 \installfont{clmttj8t8}{%
667     ec-lmtt8 encoding txtfdmns,lmtt8t18,dd-lmtt8,%
668     \metrics\unsetint{accapheight},newlatin%
669 }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{n}{<-8.5>}
670 \installfont{clmttj8t9}{%
671     ec-lmtt9 encoding txtfdmns,lmtt9t19,dd-lmtt9,%
672     \metrics\unsetint{accapheight},newlatin%

```

```

673   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{n}{<8.5-9.5>}
674   \installfont{clmttj8t10}{%
675     ec-lmtt10 encoding txtdmns,lmtt8ttl10,dd-lmtt10,%
676     \metrics\unsetint{accapheight},newlatin%
677   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{n}{<9.5-11>}
678   \installfont{clmttj8t12}{%
679     ec-lmtt12 encoding txtdmns,lmtt8ttl12,dd-lmtt12,%
680     \metrics\unsetint{accapheight},newlatin%
681   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{n}{<11->}
682   \installfont{clmttjo8t10}{%
683     ec-lmtto10 encoding txtdmns,lmtto8ttl10,dd-lmtto10,%
684     \metrics\unsetint{accapheight},newlatin%
685   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{sl}{-}
686   \installfont{clmttij8t10}{%
687     ec-lmtti10 encoding txtdmns,lmtti8ttl10,dd-lmtti10,%
688     \metrics\unsetint{accapheight},newlatin%
689   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{it}{-}
690   \installfont{clmtcscj8t10}{%
691     ec-lmtcsc10 encoding txtdmns,lmtcsc8ttl10,dd-lmtcsc10,%
692     \metrics\unsetint{accapheight},newlatin%
693   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{sc}{-}
694   \installfont{clmtcsoj8t10}{%
695     ec-lmtcso10 encoding txtdmns,lmtcso8ttl10,dd-lmtcso10,%
696     \metrics\unsetint{accapheight},newlatin%
697   }{dottaboldstyle,t1-clm}{T1}{clmjt}{m}{scsl}{-}
698   \installfont{clmtkj8t10}{%
699     ec-lmtk10 encoding txtdmns,lmtk8ttl10,dd-lmtk10,%
700     \metrics\unsetint{accapheight},newlatin%
701   }{dottaboldstyle,t1-clm}{T1}{clmjt}{bx}{n}{-}
702   \installfont{clmtkjo8t10}{%
703     ec-lmtko10 encoding txtdmns,lmtko8ttl10,dd-lmtko10,%
704     \metrics\unsetint{accapheight},newlatin%
705   }{dottaboldstyle,t1-clm}{T1}{clmjt}{bx}{sl}{-}
706   \installfont{clmtlj8t10}{%
707     ec-lmtl10 encoding txtdmns,lmtl8ttl10,dd-lmtl10,%
708     \metrics\unsetint{accapheight},newlatin%
709   }{dottaboldstyle,t1-clm}{T1}{clmjt}{l}{n}{-}
710   \installfont{clmtljo8t10}{%
711     ec-lmtlo10 encoding txtdmns,lmtlo8ttl10,dd-lmtlo10,%
712     \metrics\unsetint{accapheight},newlatin%
713   }{dottaboldstyle,t1-clm}{T1}{clmjt}{l}{sl}{-}
714   \installfont{clmtlcj8t10}{%
715     ec-lmtlc10 encoding txtdmns,lmtlc8ttl10,dd-lmtlc10,%
716     \metrics\unsetint{accapheight},newlatin%
717   }{dottaboldstyle,t1-clm}{T1}{clmjt}{lc}{n}{-}
718   \installfont{clmtlcjo8t10}{%
719     ec-lmtlco10 encoding txtdmns,lmtlco8ttl10,dd-lmtlco10,%
720     \metrics\unsetint{accapheight},newlatin%
721   }{dottaboldstyle,t1-clm}{T1}{clmjt}{lc}{sl}{-}

```

clmjv

```

722   \fontinstcc
723   \installfamily{T1}{clmjv}{\hyphenchar\font=\m@ne}
724   \normalcc
725   \installfont{clmvttj8t10}{%
726     ec-lmvtt10 encoding txtdmns,lmvtt8ttl10,dd-lmvtt10,%
727     \metrics\unsetint{accapheight},newlatin%
728   }{dottaboldstyle,t1-clm}{T1}{clmjv}{m}{n}{-}
729   \installfont{clmvttjo8t10}{%
730     ec-lmvtto10 encoding txtdmns,lmvtto8ttl10,dd-lmvtto10,%
731     \metrics\unsetint{accapheight},newlatin%

```

```

732   }{dottaboldstyle,t1-clm}{T1}{clmjv}{m}{sl}{-}
733   \installfont{clmvtkj8t10}{%-
734     ec-lmvtk10 encoding txtfdmns,lmvtk8ttl10,dd-lmvtk10,%
735     \metrics\unsetint{accapheight},newlatin%
736   }{dottaboldstyle,t1-clm}{T1}{clmjv}{bx}{n}{-}
737   \installfont{clmvtkjo8t10}{%-
738     ec-lmvtko10 encoding txtfdmns,lmvtko8ttl10,dd-lmvtko10,%
739     \metrics\unsetint{accapheight},newlatin%
740   }{dottaboldstyle,t1-clm}{T1}{clmjv}{bx}{sl}{-}
741   \installfont{clmvtlj8t10}{%-
742     ec-lmvtl10 encoding txtfdmns,lmvtl8ttl10,dd-lmvtl10,%
743     \metrics\unsetint{accapheight},newlatin%
744   }{dottaboldstyle,t1-clm}{T1}{clmjv}{l}{n}{-}
745   \installfont{clmvtljo8t10}{%-
746     ec-lmvtlo10 encoding txtfdmns,lmvtlo8ttl10,dd-lmvtlo10,%
747     \metrics\unsetint{accapheight},newlatin%
748   }{dottaboldstyle,t1-clm}{T1}{clmjv}{l}{sl}{-}

```

clmdj

```

749   \fontinstcc
750   \installfamily{T1}{clmdj}{\hyphenchar\font=45}
751   \normalcc
752   \installfont{clmdunj8t10}{%-
753     ec-lmdunj10 encoding txtfdmns,lmdunj8ttl10,dd-lmdunj10,%
754     \metrics\unsetint{accapheight},newlatin%
755   }{dottaboldstyle,t1-clm}{T1}{clmdj}{m}{n}{-}
756   \installfont{clmdunjo8t10}{%-
757     ec-lmduno10 encoding txtfdmns,lmduno8ttl10,dd-lmduno10,%
758     \metrics\unsetint{accapheight},newlatin%
759   }{dottaboldstyle,t1-clm}{T1}{clmdj}{m}{sl}{-}

```

Proportional, lining digits

clm2

```

760   \installfamily{T1}{clm2}{-}
761   \installfont{clmr28t5}{%-
762     ec-lmr5 encoding txtfdmns,lmr8ttl15,dd-lmr5,%
763     \metrics\unsetint{accapheight},newlatin%
764   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<-5.5>}
765   \installfont{clmr28t6}{%-
766     ec-lmr6 encoding txtfdmns,lmr8ttl16,dd-lmr6,%
767     \metrics\unsetint{accapheight},newlatin%
768   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<5.5-6.5>}
769   \installfont{clmr28t7}{%-
770     ec-lmr7 encoding txtfdmns,lmr8ttl17,dd-lmr7,%
771     \metrics\unsetint{accapheight},newlatin%
772   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<6.5-7.5>}
773   \installfont{clmr28t8}{%-
774     ec-lmr8 encoding txtfdmns,lmr8ttl18,dd-lmr8,%
775     \metrics\unsetint{accapheight},newlatin%
776   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<7.5-8.5>}
777   \installfont{clmr28t9}{%-
778     ec-lmr9 encoding txtfdmns,lmr8ttl19,dd-lmr9,%
779     \metrics\unsetint{accapheight},newlatin%
780   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<8.5-9.5>}
781   \installfont{clmr28t10}{%-
782     ec-lmr10 encoding txtfdmns,lmr8ttl10,dd-lmr10,%
783     \metrics\unsetint{accapheight},newlatin%
784   }{dotprop,t1-clm}{T1}{clm2}{m}{n}{<9.5-11>}
785   \installfont{clmr28t12}{%-
786     ec-lmr12 encoding txtfdmns,lmr8ttl12,dd-lmr12,%

```

```

787     \metrics\unsetint{accapheight},newlatin%
788   }{\dotprop,t1-clm}{T1}{clm2}{m}{n}{<11-15>}
789   \installfont{clmr28t17}{%
790     ec-lmr17 encoding txtdmns,lmr8ttl17,dd-lmr17,%
791     \metrics\unsetint{accapheight},newlatin%
792   }{\dotprop,t1-clm}{T1}{clm2}{m}{n}{<15->}
793   \installfont{clmr2o8t8}{%
794     ec-lmro8 encoding txtdmns,lmro8ttl8,dd-lmro8,%
795     \metrics\unsetint{accapheight},newlatin%
796   }{\dotprop,t1-clm}{T1}{clm2}{m}{s1}{<-8.5>}
797   \installfont{clmr2o8t9}{%
798     ec-lmro9 encoding txtdmns,lmro8ttl9,dd-lmro9,%
799     \metrics\unsetint{accapheight},newlatin%
800   }{\dotprop,t1-clm}{T1}{clm2}{m}{s1}{<8.5-9.5>}
801   \installfont{clmr2o8t10}{%
802     ec-lmro10 encoding txtdmns,lmro8ttl10,dd-lmro10,%
803     \metrics\unsetint{accapheight},newlatin%
804   }{\dotprop,t1-clm}{T1}{clm2}{m}{s1}{<9.5-11>}
805   \installfont{clmr2o8t12}{%
806     ec-lmro12 encoding txtdmns,lmro8ttl12,dd-lmro12,%
807     \metrics\unsetint{accapheight},newlatin%
808   }{\dotprop,t1-clm}{T1}{clm2}{m}{s1}{<11-15>}
809   \installfont{clmr2o8t17}{%
810     ec-lmro17 encoding txtdmns,lmro8ttl17,dd-lmro17,%
811     \metrics\unsetint{accapheight},newlatin%
812   }{\dotprop,t1-clm}{T1}{clm2}{m}{s1}{<15->}
813   \installfont{clmr2i8t7}{%
814     ec-lmri7 encoding txtdmns,lmri8ttl7,dd-lmri7,%
815     \metrics\unsetint{accapheight},newlatin%
816   }{\dotprop,t1-clm}{T1}{clm2}{m}{it}{<-7.5>}
817   \installfont{clmr2i8t8}{%
818     ec-lmri8 encoding txtdmns,lmri8ttl8,dd-lmri8,%
819     \metrics\unsetint{accapheight},newlatin%
820   }{\dotprop,t1-clm}{T1}{clm2}{m}{it}{<7.5-8.5>}
821   \installfont{clmr2i8t9}{%
822     ec-lmri9 encoding txtdmns,lmri8ttl9,dd-lmri9,%
823     \metrics\unsetint{accapheight},newlatin%
824   }{\dotprop,t1-clm}{T1}{clm2}{m}{it}{<8.5-9.5>}
825   \installfont{clmr2i8t10}{%
826     ec-lmri10 encoding txtdmns,lmri8ttl10,dd-lmri10,%
827     \metrics\unsetint{accapheight},newlatin%
828   }{\dotprop,t1-clm}{T1}{clm2}{m}{it}{<9.5-11>}
829   \installfont{clmr2i8t12}{%
830     ec-lmri12 encoding txtdmns,lmri8ttl12,dd-lmri12,%
831     \metrics\unsetint{accapheight},newlatin%
832   }{\dotprop,t1-clm}{T1}{clm2}{m}{it}{<11->}
833   \installfont{clmu28t10}{%
834     ec-lmu10 encoding txtdmns,lmu8ttl10,dd-lmu10,%
835     \metrics\unsetint{accapheight},newlatin%
836   }{\dotprop,t1-clm}{T1}{clm2}{m}{ui}{{}
837   \installfont{clmcsc28t10}{%
838     ec-lmcsc10 encoding txtdmns,lmcsc8ttl10,dd-lmcsc10,%
839     \metrics\unsetint{accapheight},newlatin%
840   }{\dotprop,t1-clm}{T1}{clm2}{m}{sc}{{}
841   \installfont{clmcsc2o8t10}{%
842     ec-lmcsc10 encoding txtdmns,lmcsc8ttl10,dd-lmcsc10,%
843     \metrics\unsetint{accapheight},newlatin%
844   }{\dotprop,t1-clm}{T1}{clm2}{m}{scs1}{{}

```

Repeat for bold fonts

```

845   \installfont{clmbx28t5}{%

```



```

846     ec-lmbx5 encoding txtfdmns,lmbx8ttl5,dd-lmbx5,%
847     \metrics\unsetint{accapheight},newlatin%
848   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<-5.5>}
849   \installfont{clmbx28t6}{%
850     ec-lmbx6 encoding txtfdmns,lmbx8ttl6,dd-lmbx6,%
851     \metrics\unsetint{accapheight},newlatin%
852   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<5.5-6.5>}
853   \installfont{clmbx28t7}{%
854     ec-lmbx7 encoding txtfdmns,lmbx8ttl7,dd-lmbx7,%
855     \metrics\unsetint{accapheight},newlatin%
856   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<6.5-7.5>}
857   \installfont{clmbx28t8}{%
858     ec-lmbx8 encoding txtfdmns,lmbx8ttl8,dd-lmbx8,%
859     \metrics\unsetint{accapheight},newlatin%
860   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<-8.5>}
861   \installfont{clmbx28t9}{%
862     ec-lmbx9 encoding txtfdmns,lmbx8ttl9,dd-lmbx9,%
863     \metrics\unsetint{accapheight},newlatin%
864   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<8.5-9.5>}
865   \installfont{clmbx28t10}{%
866     ec-lmbx10 encoding txtfdmns,lmbx8ttl10,dd-lmbx10,%
867     \metrics\unsetint{accapheight},newlatin%
868   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<9.5-11>}
869   \installfont{clmbx28t12}{%
870     ec-lmbx12 encoding txtfdmns,lmbx8ttl12,dd-lmbx12,%
871     \metrics\unsetint{accapheight},newlatin%
872   }{dotprop,t1-clm}{T1}{clm2}{bx}{n}{<11->}
873   \installfont{clmbx2o8t10}{%
874     ec-lmbxo10 encoding txtfdmns,lmbxo8ttl10,dd-lmbxo10,%
875     \metrics\unsetint{accapheight},newlatin%
876   }{dotprop,t1-clm}{T1}{clm2}{bx}{s1}{-}
877   \installfont{clmbx2i8t10}{%
878     ec-lmbxi10 encoding txtfdmns,lmbxi8ttl10,dd-lmbxi10,%
879     \metrics\unsetint{accapheight},newlatin%
880   }{dotprop,t1-clm}{T1}{clm2}{bx}{it}{-}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those.

```

881   \installfont{clmb28t10}{%
882     ec-lmb10 encoding txtfdmns,lmb8ttl10,dd-lmb10,%
883     \metrics\unsetint{accapheight},newlatin%
884   }{dotprop,t1-clm}{T1}{clm2}{sb}{n}{-}
885   \installfont{clmb2o8t10}{%
886     ec-lmbo10 encoding txtfdmns,lmbo8ttl10,dd-lmbo10,%
887     \metrics\unsetint{accapheight},newlatin%
888   }{dotprop,t1-clm}{T1}{clm2}{sb}{s1}{-}

```

clm2s

```

889   \installfamily{T1}{clm2s}{-}
890   \installfont{clmss28t8}{%
891     ec-lmss8 encoding txtfdmns,lmss8ttl8,dd-lmss8,%
892     \metrics\unsetint{accapheight},newlatin%
893   }{dotprop,t1-clm}{T1}{clm2s}{m}{n}{<-8.5>}
894   \installfont{clmss28t9}{%
895     ec-lmss9 encoding txtfdmns,lmss8ttl9,dd-lmss9,%
896     \metrics\unsetint{accapheight},newlatin%
897   }{dotprop,t1-clm}{T1}{clm2s}{m}{n}{<8.5-9.5>}
898   \installfont{clmss28t10}{%
899     ec-lmss10 encoding txtfdmns,lmss8ttl10,dd-lmss10,%

```

```

900     \metrics\unsetint{accapheight},newlatin%
901   }{\dotprop,t1-clm}{T1}{clm2s}{m}{n}{<9.5-11>}
902   \installfont{clmss28t12}{%
903     ec-lmss12 encoding txtfdmns,lmss8ttl12,dd-lmss12,%
904     \metrics\unsetint{accapheight},newlatin%
905   }{\dotprop,t1-clm}{T1}{clm2s}{m}{n}{<11-15>}
906   \installfont{clmss28t17}{%
907     ec-lmss17 encoding txtfdmns,lmss8ttl17,dd-lmss17,%
908     \metrics\unsetint{accapheight},newlatin%
909   }{\dotprop,t1-clm}{T1}{clm2s}{m}{n}{<15->}
910   \installfont{clmss028t8}{%
911     ec-lmss08 encoding txtfdmns,lmss08ttl8,dd-lmss08,%
912     \metrics\unsetint{accapheight},newlatin%
913   }{\dotprop,t1-clm}{T1}{clm2s}{m}{s1}{<-8.5>}
914   \installfont{clmss028t9}{%
915     ec-lmss09 encoding txtfdmns,lmss08ttl9,dd-lmss09,%
916     \metrics\unsetint{accapheight},newlatin%
917   }{\dotprop,t1-clm}{T1}{clm2s}{m}{s1}{<8.5-9.5>}
918   \installfont{clmss028t10}{%
919     ec-lmss010 encoding txtfdmns,lmss08ttl10,dd-lmss010,%
920     \metrics\unsetint{accapheight},newlatin%
921   }{\dotprop,t1-clm}{T1}{clm2s}{m}{s1}{<9.5-11>}
922   \installfont{clmss028t12}{%
923     ec-lmss012 encoding txtfdmns,lmss08ttl12,dd-lmss012,%
924     \metrics\unsetint{accapheight},newlatin%
925   }{\dotprop,t1-clm}{T1}{clm2s}{m}{s1}{<11-15>}
926   \installfont{clmss028t17}{%
927     ec-lmss017 encoding txtfdmns,lmss08ttl17,dd-lmss017,%
928     \metrics\unsetint{accapheight},newlatin%
929   }{\dotprop,t1-clm}{T1}{clm2s}{m}{s1}{<15->}
930   \installfont{clmssbx28t10}{%
931     ec-lmssbx10 encoding txtfdmns,lmssbx8ttl10,dd-lmssbx10,%
932     \metrics\unsetint{accapheight},newlatin%
933   }{\dotprop,t1-clm}{T1}{clm2s}{bx}{n}{}
934   \installfont{clmssb208t10}{%
935     ec-lmssb010 encoding txtfdmns,lmssb08ttl10,dd-lmssb010,%
936     \metrics\unsetint{accapheight},newlatin%
937   }{\dotprop,t1-clm}{T1}{clm2s}{bx}{s1}{}
938   \installfont{clmssdc28t10}{%
939     ec-lmssdc10 encoding txtfdmns,lmssdc8ttl10,dd-lmssdc10,%
940     \metrics\unsetint{accapheight},newlatin%
941   }{\dotprop,t1-clm}{T1}{clm2s}{sbc}{n}{}
942   \installfont{clmssd208t10}{%
943     ec-lmssd010 encoding txtfdmns,lmssd08ttl10,dd-lmssd010,%
944     \metrics\unsetint{accapheight},newlatin%
945   }{\dotprop,t1-clm}{T1}{clm2s}{sbc}{s1}{}

```

clm2qs

```

946   \fontinstcc
947   \installfamily{T1}{clm2qs}{\hyphenchar\font=\m@ne}
948   \normalcc
949   \installfont{clmssq28t8}{%
950     ec-lmssq8 encoding txtfdmns,lmssq8ttl8,dd-lmssq8,%
951     \metrics\unsetint{accapheight},newlatin%
952   }{\dotprop,t1-clm}{T1}{clm2qs}{m}{n}{}
953   \installfont{clmssq208t8}{%
954     ec-lmssq08 encoding txtfdmns,lmssq08ttl8,dd-lmssq08,%
955     \metrics\unsetint{accapheight},newlatin%
956   }{\dotprop,t1-clm}{T1}{clm2qs}{m}{s1}{}
957   \installfont{clmssqbx28t8}{%
958     ec-lmssqbx8 encoding txtfdmns,lmssqbx8ttl8,dd-lmssqbx8,%

```

```

959     \metrics\unsetint{accapheight},newlatin%
960   }{\dotprop,t1-clm}{T1}{clm2qs}{bx}{n}{-}
961   \installfont{clmssqb2o8t8}{-%
962     ec-lmssqbo8 encoding txtfdmns,lmssqbo8ttl8,dd-lmssqbo8,%
963     \metrics\unsetint{accapheight},newlatin%
964   }{\dotprop,t1-clm}{T1}{clm2qs}{bx}{s1}{-}

```

clm2v

```

965   \fontinstcc
966   \installfamily{T1}{clm2v}{\hyphenchar\font=\m@ne}
967   \normalcc
968   \installfont{clmvtt28t10}{-%
969     ec-lmvtt10 encoding txtfdmns,lmvtt8ttl10,dd-lmvtt10,%
970     \metrics\unsetint{accapheight},newlatin%
971   }{\dotprop,t1-clm}{T1}{clm2v}{m}{n}{-}
972   \installfont{clmvtt2o8t10}{-%
973     ec-lmvtto10 encoding txtfdmns,lmvtto8ttl10,dd-lmvtto10,%
974     \metrics\unsetint{accapheight},newlatin%
975   }{\dotprop,t1-clm}{T1}{clm2v}{m}{s1}{-}
976   \installfont{clmvtk28t10}{-%
977     ec-lmvtk10 encoding txtfdmns,lmvtk8ttl10,dd-lmvtk10,%
978     \metrics\unsetint{accapheight},newlatin%
979   }{\dotprop,t1-clm}{T1}{clm2v}{bx}{n}{-}
980   \installfont{clmvtk2o8t10}{-%
981     ec-lmvtko10 encoding txtfdmns,lmvtko8ttl10,dd-lmvtko10,%
982     \metrics\unsetint{accapheight},newlatin%
983   }{\dotprop,t1-clm}{T1}{clm2v}{bx}{s1}{-}
984   \installfont{clmvtl28t10}{-%
985     ec-lmvtl10 encoding txtfdmns,lmvtl8ttl10,dd-lmvtl10,%
986     \metrics\unsetint{accapheight},newlatin%
987   }{\dotprop,t1-clm}{T1}{clm2v}{l}{n}{-}
988   \installfont{clmvtl2o8t10}{-%
989     ec-lmvtlo10 encoding txtfdmns,lmvtlo8ttl10,dd-lmvtlo10,%
990     \metrics\unsetint{accapheight},newlatin%
991   }{\dotprop,t1-clm}{T1}{clm2v}{l}{s1}{-}

```

clm2t

```

992   \fontinstcc
993   \installfamily{T1}{clm2t}{\hyphenchar\font=\m@ne}
994   \normalcc
995   \installfontas{clmtt8t8}{T1}{clm2t}{m}{n}{<-8.5>}
996   \installfontas{clmtt8t9}{T1}{clm2t}{m}{n}{<8.5-9.5>}
997   \installfontas{clmtt8t10}{T1}{clm2t}{m}{n}{<9.5-11>}
998   \installfontas{clmtt8t12}{T1}{clm2t}{m}{n}{<11->}
999   \installfontas{clmtto8t10}{T1}{clm2t}{m}{s1}{-}
1000  \installfontas{clmtti8t10}{T1}{clm2t}{m}{it}{-}
1001  \installfontas{clmtcsc8t10}{T1}{clm2t}{m}{sc}{-}
1002  \installfontas{clmtcso8t10}{T1}{clm2t}{m}{scs1}{-}
1003  \installfontas{clmtk8t10}{T1}{clm2t}{bx}{n}{-}
1004  \installfontas{clmtko8t10}{T1}{clm2t}{bx}{s1}{-}
1005  \installfontas{clmtl8t10}{T1}{clm2t}{l}{n}{-}
1006  \installfontas{clmtlo8t10}{T1}{clm2t}{l}{s1}{-}
1007  \installfontas{clmtlc8t10}{T1}{clm2t}{lc}{n}{-}
1008  \installfontas{clmtlco8t10}{T1}{clm2t}{lc}{s1}{-}

```

clm2d

```

1009  \fontinstcc
1010  \installfamily{T1}{clm2d}{\hyphenchar\font=45}
1011  \normalcc
1012  \installfont{clmdunh28t10}{-%

```

```

1013     ec-lmdunh10 encoding txtfdmns,lmdunh8ttl10,dd-lmdunh10,%
1014     \metrics\unsetint{accapheight},newlatin%
1015     }{dotprop,t1-clm}{T1}{clm2d}{m}{n}{}
1016     \installfont{clmdun2o8t10}{%
1017     ec-lmduno10 encoding txtfdmns,lmduno8ttl10,dd-lmduno10,%
1018     \metrics\unsetint{accapheight},newlatin%
1019     }{dotprop,t1-clm}{T1}{clm2d}{m}{s1}{}

```

Proportional, oldstyle digits

clm2j

```

1020     \installfamily{T1}{clm2j}{}
1021     \installfont{clmr2j8t5}{%
1022     ec-lmr5 encoding txtfdmns,lmr8ttl15,dd-lmr5,%
1023     \metrics\unsetint{accapheight},newlatin%
1024     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<-5.5>}
1025     \installfont{clmr2j8t6}{%
1026     ec-lmr6 encoding txtfdmns,lmr8ttl16,dd-lmr6,%
1027     \metrics\unsetint{accapheight},newlatin%
1028     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<5.5-6.5>}
1029     \installfont{clmr2j8t7}{%
1030     ec-lmr7 encoding txtfdmns,lmr8ttl17,dd-lmr7,%
1031     \metrics\unsetint{accapheight},newlatin%
1032     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<6.5-7.5>}
1033     \installfont{clmr2j8t8}{%
1034     ec-lmr8 encoding txtfdmns,lmr8ttl18,dd-lmr8,%
1035     \metrics\unsetint{accapheight},newlatin%
1036     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<7.5-8.5>}
1037     \installfont{clmr2j8t9}{%
1038     ec-lmr9 encoding txtfdmns,lmr8ttl19,dd-lmr9,%
1039     \metrics\unsetint{accapheight},newlatin%
1040     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<8.5-9.5>}
1041     \installfont{clmr2j8t10}{%
1042     ec-lmr10 encoding txtfdmns,lmr8ttl10,dd-lmr10,%
1043     \metrics\unsetint{accapheight},newlatin%
1044     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<9.5-11>}
1045     \installfont{clmr2j8t12}{%
1046     ec-lmr12 encoding txtfdmns,lmr8ttl12,dd-lmr12,%
1047     \metrics\unsetint{accapheight},newlatin%
1048     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<11-15>}
1049     \installfont{clmr2j8t17}{%
1050     ec-lmr17 encoding txtfdmns,lmr8ttl17,dd-lmr17,%
1051     \metrics\unsetint{accapheight},newlatin%
1052     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{n}{<15->}
1053     \installfont{clmr2jo8t8}{%
1054     ec-lmro8 encoding txtfdmns,lmro8ttl18,dd-lmro8,%
1055     \metrics\unsetint{accapheight},newlatin%
1056     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{s1}{<-8.5>}
1057     \installfont{clmr2jo8t9}{%
1058     ec-lmro9 encoding txtfdmns,lmro8ttl19,dd-lmro9,%
1059     \metrics\unsetint{accapheight},newlatin%
1060     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{s1}{<8.5-9.5>}
1061     \installfont{clmr2jo8t10}{%
1062     ec-lmro10 encoding txtfdmns,lmro8ttl10,dd-lmro10,%
1063     \metrics\unsetint{accapheight},newlatin%
1064     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{s1}{<9.5-11>}
1065     \installfont{clmr2jo8t12}{%
1066     ec-lmro12 encoding txtfdmns,lmro8ttl12,dd-lmro12,%
1067     \metrics\unsetint{accapheight},newlatin%
1068     }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{s1}{<11-15>}
1069     \installfont{clmr2jo8t17}{%

```

```

1070     ec-lmro17 encoding txtdmns,lmro8ttl17,dd-lmro17,%
1071     \metrics\unsetint{accapheight},newlatin%
1072   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{sl}{<15->}
1073   \installfont{clmr2ij8t7}{%
1074     ec-lmri7 encoding txtdmns,lmri8ttl17,dd-lmri7,%
1075     \metrics\unsetint{accapheight},newlatin%
1076   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{it}{<-7.5>}
1077   \installfont{clmr2ij8t8}{%
1078     ec-lmri8 encoding txtdmns,lmri8ttl18,dd-lmri8,%
1079     \metrics\unsetint{accapheight},newlatin%
1080   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{it}{<7.5-8.5>}
1081   \installfont{clmr2ij8t9}{%
1082     ec-lmri9 encoding txtdmns,lmri8ttl19,dd-lmri9,%
1083     \metrics\unsetint{accapheight},newlatin%
1084   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{it}{<8.5-9.5>}
1085   \installfont{clmr2ij8t10}{%
1086     ec-lmri10 encoding txtdmns,lmri8ttl110,dd-lmri10,%
1087     \metrics\unsetint{accapheight},newlatin%
1088   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{it}{<9.5-11>}
1089   \installfont{clmr2ij8t12}{%
1090     ec-lmri12 encoding txtdmns,lmri8ttl112,dd-lmri12,%
1091     \metrics\unsetint{accapheight},newlatin%
1092   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{it}{<11->}
1093   \installfont{clmu2j8t10}{%
1094     ec-lmu10 encoding txtdmns,lmu8ttl110,dd-lmu10,%
1095     \metrics\unsetint{accapheight},newlatin%
1096   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{ui}{}
1097   \installfont{clmcsc2j8t10}{%
1098     ec-lmcsc10 encoding txtdmns,lmcsc8ttl110,dd-lmcsc10,%
1099     \metrics\unsetint{accapheight},newlatin%
1100   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{sc}{}
1101   \installfont{clmcsc2jo8t10}{%
1102     ec-lmcsc10 encoding txtdmns,lmcsc8ttl110,dd-lmcsc10,%
1103     \metrics\unsetint{accapheight},newlatin%
1104   }{dotoldstyle,t1-clm}{T1}{clm2j}{m}{scs1}{}

```

Repeat for bold fonts

```

1105   \installfont{clmbx2j8t5}{%
1106     ec-lmbx5 encoding txtdmns,lmbx8ttl15,dd-lmbx5,%
1107     \metrics\unsetint{accapheight},newlatin%
1108   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<-5.5>}
1109   \installfont{clmbx2j8t6}{%
1110     ec-lmbx6 encoding txtdmns,lmbx8ttl16,dd-lmbx6,%
1111     \metrics\unsetint{accapheight},newlatin%
1112   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<5.5-6.5>}
1113   \installfont{clmbx2j8t7}{%
1114     ec-lmbx7 encoding txtdmns,lmbx8ttl17,dd-lmbx7,%
1115     \metrics\unsetint{accapheight},newlatin%
1116   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<6.5-7.5>}
1117   \installfont{clmbx2j8t8}{%
1118     ec-lmbx8 encoding txtdmns,lmbx8ttl18,dd-lmbx8,%
1119     \metrics\unsetint{accapheight},newlatin%
1120   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<7.5-8.5>}
1121   \installfont{clmbx2j8t9}{%
1122     ec-lmbx9 encoding txtdmns,lmbx8ttl19,dd-lmbx9,%
1123     \metrics\unsetint{accapheight},newlatin%
1124   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<8.5-9.5>}
1125   \installfont{clmbx2j8t10}{%
1126     ec-lmbx10 encoding txtdmns,lmbx8ttl110,dd-lmbx10,%
1127     \metrics\unsetint{accapheight},newlatin%
1128   }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<9.5-11>}

```

```

1129 \installfont{clmbx2j8t12}{%
1130     ec-lmbx12 encoding txtdmns,lmbx8ttl12,dd-lmbx12,%
1131     \metrics\unsetint{accapheight},newlatin%
1132 }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{n}{<11->}
1133 \installfont{clmbx2jo8t10}{%
1134     ec-lmbxo10 encoding txtdmns,lmbxo8ttl10,dd-lmbxo10,%
1135     \metrics\unsetint{accapheight},newlatin%
1136 }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{s1}{s1}{}
1137 \installfont{clmbx2ij8t10}{%
1138     ec-lmbxi10 encoding txtdmns,lmbxi8ttl10,dd-lmbxi10,%
1139     \metrics\unsetint{accapheight},newlatin%
1140 }{dotoldstyle,t1-clm}{T1}{clm2j}{bx}{it}{it}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those.

```

1141 \installfont{clmb2j8t10}{%
1142     ec-lmb10 encoding txtdmns,lmb8ttl10,dd-lmb10,%
1143     \metrics\unsetint{accapheight},newlatin%
1144 }{dotoldstyle,t1-clm}{T1}{clm2j}{sb}{n}{sb}{}
1145 \installfont{clmb2jo8t10}{%
1146     ec-lmbo10 encoding txtdmns,lmbo8ttl10,dd-lmbo10,%
1147     \metrics\unsetint{accapheight},newlatin%
1148 }{dotoldstyle,t1-clm}{T1}{clm2j}{sb}{s1}{s1}{}

```

clm2js

```

1149 \installfamily{T1}{clm2js}{}
1150 \installfont{clmss2j8t8}{%
1151     ec-lmss8 encoding txtdmns,lmss8ttl8,dd-lmss8,%
1152     \metrics\unsetint{accapheight},newlatin%
1153 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{n}{<-8.5>}
1154 \installfont{clmss2j8t9}{%
1155     ec-lmss9 encoding txtdmns,lmss8ttl9,dd-lmss9,%
1156     \metrics\unsetint{accapheight},newlatin%
1157 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{n}{<8.5-9.5>}
1158 \installfont{clmss2j8t10}{%
1159     ec-lmss10 encoding txtdmns,lmss8ttl10,dd-lmss10,%
1160     \metrics\unsetint{accapheight},newlatin%
1161 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{n}{<9.5-11>}
1162 \installfont{clmss2j8t12}{%
1163     ec-lmss12 encoding txtdmns,lmss8ttl12,dd-lmss12,%
1164     \metrics\unsetint{accapheight},newlatin%
1165 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{n}{<11-15>}
1166 \installfont{clmss2j8t17}{%
1167     ec-lmss17 encoding txtdmns,lmss8ttl17,dd-lmss17,%
1168     \metrics\unsetint{accapheight},newlatin%
1169 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{n}{<15->}
1170 \installfont{clmss2jo8t8}{%
1171     ec-lmss08 encoding txtdmns,lmss08ttl8,dd-lmss08,%
1172     \metrics\unsetint{accapheight},newlatin%
1173 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{s1}{<-8.5>}
1174 \installfont{clmss2jo8t9}{%
1175     ec-lmss09 encoding txtdmns,lmss08ttl9,dd-lmss09,%
1176     \metrics\unsetint{accapheight},newlatin%
1177 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{s1}{<8.5-9.5>}
1178 \installfont{clmss2jo8t10}{%
1179     ec-lmss010 encoding txtdmns,lmss08ttl10,dd-lmss010,%
1180     \metrics\unsetint{accapheight},newlatin%
1181 }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{s1}{<9.5-11>}
1182 \installfont{clmss2jo8t12}{%

```

```

1183     ec-lmssol2 encoding txtfdmns,lmssol2ttl12,dd-lmssol2,%
1184     \metrics\unsetint{accapheight},newlatin%
1185   }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{sl}{<11-15>}
1186   \installfont{clmss2jo8t17}{%
1187     ec-lmssol7 encoding txtfdmns,lmssol7ttl17,dd-lmssol7,%
1188     \metrics\unsetint{accapheight},newlatin%
1189   }{dotoldstyle,t1-clm}{T1}{clm2js}{m}{sl}{<15->}
1190   \installfont{clmssbx2j8t10}{%
1191     ec-lmssbx10 encoding txtfdmns,lmssbx8ttl10,dd-lmssbx10,%
1192     \metrics\unsetint{accapheight},newlatin%
1193   }{dotoldstyle,t1-clm}{T1}{clm2js}{bx}{n}{ }
1194   \installfont{clmssb2jo8t10}{%
1195     ec-lmssbo10 encoding txtfdmns,lmssbo8ttl10,dd-lmssbo10,%
1196     \metrics\unsetint{accapheight},newlatin%
1197   }{dotoldstyle,t1-clm}{T1}{clm2js}{bx}{sl}{ }
1198   \installfont{clmssdc2j8t10}{%
1199     ec-lmssdc10 encoding txtfdmns,lmssdc8ttl10,dd-lmssdc10,%
1200     \metrics\unsetint{accapheight},newlatin%
1201   }{dotoldstyle,t1-clm}{T1}{clm2js}{sbc}{n}{ }
1202   \installfont{clmssd2jo8t10}{%
1203     ec-lmssdo10 encoding txtfdmns,lmssdo8ttl10,dd-lmssdo10,%
1204     \metrics\unsetint{accapheight},newlatin%
1205   }{dotoldstyle,t1-clm}{T1}{clm2js}{sbc}{sl}{ }

```

clm2jqs

```

1206   \fontinstcc
1207   \installfamily{T1}{clm2jqs}{\hyphenchar\font=\m@ne}
1208   \normalcc
1209   \installfont{clmssq2j8t8}{%
1210     ec-lmssq8 encoding txtfdmns,lmssq8ttl8,dd-lmssq8,%
1211     \metrics\unsetint{accapheight},newlatin%
1212   }{dotoldstyle,t1-clm}{T1}{clm2jqs}{m}{n}{ }
1213   \installfont{clmssq2jo8t8}{%
1214     ec-lmssqo8 encoding txtfdmns,lmssqo8ttl8,dd-lmssqo8,%
1215     \metrics\unsetint{accapheight},newlatin%
1216   }{dotoldstyle,t1-clm}{T1}{clm2jqs}{m}{sl}{ }
1217   \installfont{clmssqbx2j8t8}{%
1218     ec-lmssqbx8 encoding txtfdmns,lmssqbx8ttl8,dd-lmssqbx8,%
1219     \metrics\unsetint{accapheight},newlatin%
1220   }{dotoldstyle,t1-clm}{T1}{clm2jqs}{bx}{n}{ }
1221   \installfont{clmssqb2jo8t8}{%
1222     ec-lmssqbo8 encoding txtfdmns,lmssqbo8ttl8,dd-lmssqbo8,%
1223     \metrics\unsetint{accapheight},newlatin%
1224   }{dotoldstyle,t1-clm}{T1}{clm2jqs}{bx}{sl}{ }

```

clm2jt

```

1225   \fontinstcc
1226   \installfamily{T1}{clm2jt}{\hyphenchar\font=\m@ne}
1227   \normalcc
1228   \installfontas{clmttj8t8}{T1}{clm2jt}{m}{n}{<-8.5>}
1229   \installfontas{clmttj8t9}{T1}{clm2jt}{m}{n}{<8.5-9.5>}
1230   \installfontas{clmttj8t10}{T1}{clm2jt}{m}{n}{<9.5-11>}
1231   \installfontas{clmttj8t12}{T1}{clm2jt}{m}{n}{<11->}
1232   \installfontas{clmttjo8t10}{T1}{clm2jt}{m}{sl}{ }
1233   \installfontas{clmttij8t10}{T1}{clm2jt}{m}{it}{ }
1234   \installfontas{clmtcscj8t10}{T1}{clm2jt}{m}{sc}{ }
1235   \installfontas{clmtcsjo8t10}{T1}{clm2jt}{m}{scsl}{ }
1236   \installfontas{clmtkj8t10}{T1}{clm2jt}{bx}{n}{ }
1237   \installfontas{clmtkjo8t10}{T1}{clm2jt}{bx}{sl}{ }
1238   \installfontas{clmtlj8t10}{T1}{clm2jt}{l}{n}{ }

```

```

1239 \installfontas{clmtljo8t10}{T1}{clm2jt}{1}{s1}{-}
1240 \installfontas{clmtlcj8t10}{T1}{clm2jt}{lc}{n}{-}
1241 \installfontas{clmtlcjo8t10}{T1}{clm2jt}{lc}{s1}{-}

```

clm2jv

```

1242 \fontinstcc
1243 \installfamily{T1}{clm2jv}{\hyphenchar\font=\m@ne}
1244 \normalcc
1245 \installfont{clmvt2j8t10}{-%
1246   ec-lmvt210 encoding txtdmns,lmvt28t110,dd-lmvt210,%
1247   \metrics\unsetint{accapheight},newlatin%
1248 }{dotoldstyle,t1-clm}{T1}{clm2jv}{m}{n}{-}
1249 \installfont{clmvt2jo8t10}{-%
1250   ec-lmvt210 encoding txtdmns,lmvt28t110,dd-lmvt210,%
1251   \metrics\unsetint{accapheight},newlatin%
1252 }{dotoldstyle,t1-clm}{T1}{clm2jv}{m}{s1}{-}
1253 \installfont{clmvtk2j8t10}{-%
1254   ec-lmvtk10 encoding txtdmns,lmvtk8t110,dd-lmvtk10,%
1255   \metrics\unsetint{accapheight},newlatin%
1256 }{dotoldstyle,t1-clm}{T1}{clm2jv}{bx}{n}{-}
1257 \installfont{clmvtk2jo8t10}{-%
1258   ec-lmvtk10 encoding txtdmns,lmvtk8t110,dd-lmvtk10,%
1259   \metrics\unsetint{accapheight},newlatin%
1260 }{dotoldstyle,t1-clm}{T1}{clm2jv}{bx}{s1}{-}
1261 \installfont{clmvtl2j8t10}{-%
1262   ec-lmvtl10 encoding txtdmns,lmvtl8t110,dd-lmvtl10,%
1263   \metrics\unsetint{accapheight},newlatin%
1264 }{dotoldstyle,t1-clm}{T1}{clm2jv}{l}{n}{-}
1265 \installfont{clmvtl2jo8t10}{-%
1266   ec-lmvtl10 encoding txtdmns,lmvtl8t110,dd-lmvtl10,%
1267   \metrics\unsetint{accapheight},newlatin%
1268 }{dotoldstyle,t1-clm}{T1}{clm2jv}{l}{s1}{-}

```

clm2dj

```

1269 \fontinstcc
1270 \installfamily{T1}{clm2dj}{\hyphenchar\font=45}
1271 \normalcc
1272 \installfont{clmdunh2j8t10}{-%
1273   ec-lmdunh10 encoding txtdmns,lmdunh8t110,dd-lmdunh10,%
1274   \metrics\unsetint{accapheight},newlatin%
1275 }{dotoldstyle,t1-clm}{T1}{clm2dj}{m}{n}{-}
1276 \installfont{clmdun2jo8t10}{-%
1277   ec-lmduno10 encoding txtdmns,lmduno8t110,dd-lmduno10,%
1278   \metrics\unsetint{accapheight},newlatin%
1279 }{dotoldstyle,t1-clm}{T1}{clm2dj}{m}{s1}{-}

```

OTHER

```

1280 \installfamily{U}{clm}{-}
1281 \installfont{u-clmr5}{-%
1282   dd-lmr5%
1283   }{txtdmns,dotdigits}{U}{clm}{m}{n}{<-5.5>}
1284 \installfont{u-clmr6}{-%
1285   dd-lmr6%
1286   }{txtdmns,dotdigits}{U}{clm}{m}{n}{<5.5-6.5>}
1287 \installfont{u-clmr7}{-%
1288   dd-lmr7%
1289   }{txtdmns,dotdigits}{U}{clm}{m}{n}{<6.5-7.5>}
1290 \installfont{u-clmr8}{-%
1291   dd-lmr8%
1292   }{txtdmns,dotdigits}{U}{clm}{m}{n}{<7.5-8.5>}

```



```

1293 \installfont{u-clmr9}{%
1294   dd-lmr9%
1295   }{txtfdmns,dotdigits}{U}{clm}{m}{n}{<8.5-9.5>}
1296 \installfont{u-clmr10}{%
1297   dd-lmr10%
1298   }{txtfdmns,dotdigits}{U}{clm}{m}{n}{<9.5-11>}
1299 \installfont{u-clmr12}{%
1300   dd-lmr12%
1301   }{txtfdmns,dotdigits}{U}{clm}{m}{n}{<11-15>}
1302 \installfont{u-clmr17}{%
1303   dd-lmr17%
1304   }{txtfdmns,dotdigits}{U}{clm}{m}{n}{<15->}
1305 \installfont{u-clmro8}{%
1306   dd-lmro8%
1307   }{txtfdmns,dotdigits}{U}{clm}{m}{sl}{<-8.5>}
1308 \installfont{u-clmro9}{%
1309   dd-lmro9%
1310   }{txtfdmns,dotdigits}{U}{clm}{m}{sl}{<8.5-9.5>}
1311 \installfont{u-clmro10}{%
1312   dd-lmro10%
1313   }{txtfdmns,dotdigits}{U}{clm}{m}{sl}{<9.5-11>}
1314 \installfont{u-clmro12}{%
1315   dd-lmro12%
1316   }{txtfdmns,dotdigits}{U}{clm}{m}{sl}{<11-15>}
1317 \installfont{u-clmro17}{%
1318   dd-lmro17%
1319   }{txtfdmns,dotdigits}{U}{clm}{m}{sl}{<15->}
1320 \installfont{u-clmri7}{%
1321   dd-lmri7%
1322   }{txtfdmns,dotdigits}{U}{clm}{m}{it}{<-7.5>}
1323 \installfont{u-clmri8}{%
1324   dd-lmri8%
1325   }{txtfdmns,dotdigits}{U}{clm}{m}{it}{<7.5-8.5>}
1326 \installfont{u-clmri9}{%
1327   dd-lmri9%
1328   }{txtfdmns,dotdigits}{U}{clm}{m}{it}{<8.5-9.5>}
1329 \installfont{u-clmri10}{%
1330   dd-lmri10%
1331   }{txtfdmns,dotdigits}{U}{clm}{m}{it}{<9.5-11>}
1332 \installfont{u-clmri12}{%
1333   dd-lmri12%
1334   }{txtfdmns,dotdigits}{U}{clm}{m}{it}{<11->}
1335 \installfont{u-clmu10}{%
1336   dd-lmu10%
1337   }{txtfdmns,dotdigits}{U}{clm}{m}{ui}{}
1338 \installfont{u-clmcsc10}{%
1339   dd-lmcsc10%
1340   }{txtfdmns,dotdigits}{U}{clm}{m}{sc}{}
1341 \installfont{u-clmcsc10}{%
1342   dd-lmcsc10%
1343   }{txtfdmns,dotdigits}{U}{clm}{m}{scsl}{}

```

Repeat for bold fonts

```

1344 \installfont{u-clmbx5}{%
1345   dd-lmbx5%
1346   }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<-5.5>}
1347 \installfont{u-clmbx6}{%
1348   dd-lmbx6%
1349   }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<5.5-6.5>}
1350 \installfont{u-clmbx7}{%
1351   dd-lmbx7%

```

```

1352     }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<6.5-7.5>}
1353     \installfont{u-clmbx8}{%
1354         dd-lmbx8%
1355     }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<7.5-8.5>}
1356     \installfont{u-clmbx9}{%
1357         dd-lmbx9%
1358     }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<8.5-9.5>}
1359     \installfont{u-clmbx10}{%
1360         dd-lmbx10%
1361     }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<9.5-11>}
1362     \installfont{u-clmbx12}{%
1363         dd-lmbx12%
1364     }{txtfdmns,dotdigits}{U}{clm}{bx}{n}{<11->}
1365     \installfont{u-clmbxo10}{%
1366         dd-lmbxo10%
1367     }{txtfdmns,dotdigits}{U}{clm}{bx}{sl}{}
1368     \installfont{u-clmbxi10}{%
1369         dd-lmbxi10%
1370     }{txtfdmns,dotdigits}{U}{clm}{bx}{it}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1371     \installfont{u-clmb10}{%
1372         dd-lmb10%
1373     }{txtfdmns,dotdigits}{U}{clm}{sb}{n}{}
1374     \installfont{u-clmbo10}{%
1375         dd-lmbo10%
1376     }{txtfdmns,dotdigits}{U}{clm}{sb}{sl}{}
1377     \installfamily{U}{clms}{}
1378     \installfont{u-clmss8}{%
1379         dd-lmss8%
1380     }{txtfdmns,dotdigits}{U}{clms}{m}{n}{<-8.5>}
1381     \installfont{u-clmss9}{%
1382         dd-lmss9%
1383     }{txtfdmns,dotdigits}{U}{clms}{m}{n}{<8.5-9.5>}
1384     \installfont{u-clmss10}{%
1385         dd-lmss10%
1386     }{txtfdmns,dotdigits}{U}{clms}{m}{n}{<9.5-11>}
1387     \installfont{u-clmss12}{%
1388         dd-lmss12%
1389     }{txtfdmns,dotdigits}{U}{clms}{m}{n}{<11-15>}
1390     \installfont{u-clmss17}{%
1391         dd-lmss17%
1392     }{txtfdmns,dotdigits}{U}{clms}{m}{n}{<15->}
1393     \installfont{u-clmss08}{%
1394         dd-lmss08%
1395     }{txtfdmns,dotdigits}{U}{clms}{m}{sl}{<-8.5>}
1396     \installfont{u-clmss09}{%
1397         dd-lmss09%
1398     }{txtfdmns,dotdigits}{U}{clms}{m}{sl}{<8.5-9.5>}
1399     \installfont{u-clmss010}{%
1400         dd-lmss010%
1401     }{txtfdmns,dotdigits}{U}{clms}{m}{sl}{<9.5-11>}
1402     \installfont{u-clmss012}{%
1403         dd-lmss012%
1404     }{txtfdmns,dotdigits}{U}{clms}{m}{sl}{<11-15>}
1405     \installfont{u-clmss017}{%
1406         dd-lmss017%
1407     }{txtfdmns,dotdigits}{U}{clms}{m}{sl}{<15->}
1408     \installfont{u-clmssbx10}{%

```

```

1409     dd-lmssbx10%
1410     }{txtfdmns,dotdigits}{U}{clms}{bx}{n}{}
1411 \installfont{u-clmssbo10}{%
1412     dd-lmssbo10%
1413     }{txtfdmns,dotdigits}{U}{clms}{bx}{sl}{}
1414 \installfont{u-clmssdc10}{%
1415     dd-lmssdc10%
1416     }{txtfdmns,dotdigits}{U}{clms}{sbc}{n}{}
1417 \installfont{u-clmssdo10}{%
1418     dd-lmssdo10%
1419     }{txtfdmns,dotdigits}{U}{clms}{sbc}{sl}{}
1420 \installfamily{U}{clmq}{}
1421 \installfont{u-clmssq8}{%
1422     dd-lmssq8%
1423     }{txtfdmns,dotdigits}{U}{clmq}{m}{n}{}
1424 \installfont{u-clmssqo8}{%
1425     dd-lmssqo8%
1426     }{txtfdmns,dotdigits}{U}{clmq}{m}{sl}{}
1427 \installfont{u-clmssqbx8}{%
1428     dd-lmssqbx8%
1429     }{txtfdmns,dotdigits}{U}{clmq}{bx}{n}{}
1430 \installfont{u-clmssqbo8}{%
1431     dd-lmssqbo8%
1432     }{txtfdmns,dotdigits}{U}{clmq}{bx}{sl}{}
1433 \installfamily{U}{clmt}{}
1434 \installfont{u-clmtt8}{%
1435     dd-lmtt8%
1436     }{txtfdmns,dotdigits}{U}{clmt}{m}{n}{<-8.5>}
1437 \installfont{u-clmtt9}{%
1438     dd-lmtt9%
1439     }{txtfdmns,dotdigits}{U}{clmt}{m}{n}{<8.5-9.5>}
1440 \installfont{u-clmtt10}{%
1441     dd-lmtt10%
1442     }{txtfdmns,dotdigits}{U}{clmt}{m}{n}{<9.5-11>}
1443 \installfont{u-clmtt12}{%
1444     dd-lmtt12%
1445     }{txtfdmns,dotdigits}{U}{clmt}{m}{n}{<11->}
1446 \installfont{u-clmtto10}{%
1447     dd-lmtto10%
1448     }{txtfdmns,dotdigits}{U}{clmt}{m}{sl}{}
1449 \installfont{u-clmtti10}{%
1450     dd-lmtti10%
1451     }{txtfdmns,dotdigits}{U}{clmt}{m}{it}{}
1452 \installfont{u-clmtcsc10}{%
1453     dd-lmtcsc10%
1454     }{txtfdmns,dotdigits}{U}{clmt}{m}{sc}{}
1455 \installfont{u-clmtcso10}{%
1456     dd-lmtcso10%
1457     }{txtfdmns,dotdigits}{U}{clmt}{m}{scsl}{}
1458 \installfont{u-clmtk10}{%
1459     dd-lmtk10%
1460     }{txtfdmns,dotdigits}{U}{clmt}{bx}{n}{}
1461 \installfont{u-clmtko10}{%
1462     dd-lmtko10%
1463     }{txtfdmns,dotdigits}{U}{clmt}{bx}{sl}{}
1464 \installfont{u-clmtl10}{%
1465     dd-lmtl10%
1466     }{txtfdmns,dotdigits}{U}{clmt}{l}{n}{}
1467 \installfont{u-clmtlo10}{%
1468     dd-lmtlo10%
1469     }{txtfdmns,dotdigits}{U}{clmt}{l}{sl}{}

```

```

1470 \installfont{u-clmtlc10}{%
1471   dd-lmtlc10%
1472   }{txtfdmns,dotdigits}{U}{clmt}{lc}{n}{}
1473 \installfont{u-clmtlco10}{%
1474   dd-lmtlco10%
1475   }{txtfdmns,dotdigits}{U}{clmt}{lc}{sl}{}
1476 \installfamily{U}{clmv}{}
1477 \installfont{u-clmvtt10}{%
1478   dd-lmvtt10%
1479   }{txtfdmns,dotdigits}{U}{clmv}{m}{n}{}
1480 \installfont{u-clmvtto10}{%
1481   dd-lmvtto10%
1482   }{txtfdmns,dotdigits}{U}{clmv}{m}{sl}{}
1483 \installfont{u-clmvtk10}{%
1484   dd-lmvtk10%
1485   }{txtfdmns,dotdigits}{U}{clmv}{bx}{n}{}
1486 \installfont{u-clmvtko10}{%
1487   dd-lmvtko10%
1488   }{txtfdmns,dotdigits}{U}{clmv}{bx}{sl}{}
1489 \installfont{u-clmvtl10}{%
1490   dd-lmvtl10%
1491   }{txtfdmns,dotdigits}{U}{clmv}{l}{n}{}
1492 \installfont{u-clmvtlo10}{%
1493   dd-lmvtlo10%
1494   }{txtfdmns,dotdigits}{U}{clmv}{l}{sl}{}
1495 \installfamily{U}{clmd}{}
1496 \installfont{u-clmdunh10}{%
1497   dd-lmdunh10%
1498   }{txtfdmns,dotdigits}{U}{clmd}{m}{n}{}
1499 \installfont{u-clmduno10}{%
1500   dd-lmduno10%
1501   }{txtfdmns,dotdigits}{U}{clmd}{m}{sl}{}
1502 \installfamily{U}{clm2}{}
1503 \installfontas{u-clmr5}{U}{clm2}{m}{n}{<-5.5>}
1504 \installfontas{u-clmr6}{U}{clm2}{m}{n}{<5.5-6.5>}
1505 \installfontas{u-clmr7}{U}{clm2}{m}{n}{<6.5-7.5>}
1506 \installfontas{u-clmr8}{U}{clm2}{m}{n}{<7.5-8.5>}
1507 \installfontas{u-clmr9}{U}{clm2}{m}{n}{<8.5-9.5>}
1508 \installfontas{u-clmr10}{U}{clm2}{m}{n}{<9.5-11>}
1509 \installfontas{u-clmr12}{U}{clm2}{m}{n}{<11-15>}
1510 \installfontas{u-clmr17}{U}{clm2}{m}{n}{<15->}
1511 \installfontas{u-clmro8}{U}{clm2}{m}{sl}{<-8.5>}
1512 \installfontas{u-clmro9}{U}{clm2}{m}{sl}{<8.5-9.5>}
1513 \installfontas{u-clmro10}{U}{clm2}{m}{sl}{<9.5-11>}
1514 \installfontas{u-clmro12}{U}{clm2}{m}{sl}{<11-15>}
1515 \installfontas{u-clmro17}{U}{clm2}{m}{sl}{<15->}
1516 \installfontas{u-clmri7}{U}{clm2}{m}{it}{<-7.5>}
1517 \installfontas{u-clmri8}{U}{clm2}{m}{it}{<7.5-8.5>}
1518 \installfontas{u-clmri9}{U}{clm2}{m}{it}{<8.5-9.5>}
1519 \installfontas{u-clmri10}{U}{clm2}{m}{it}{<9.5-11>}
1520 \installfontas{u-clmri12}{U}{clm2}{m}{it}{<11->}
1521 \installfontas{u-clmu10}{U}{clm2}{m}{ui}{}
1522 \installfontas{u-clmcs10}{U}{clm2}{m}{sc}{}
1523 \installfontas{u-clmcs10}{U}{clm2}{m}{scsl}{}

```

Repeat for bold fonts

```

1524 \installfontas{u-clmbx5}{U}{clm2}{bx}{n}{<-5.5>}
1525 \installfontas{u-clmbx6}{U}{clm2}{bx}{n}{<5.5-6.5>}
1526 \installfontas{u-clmbx7}{U}{clm2}{bx}{n}{<6.5-7.5>}
1527 \installfontas{u-clmbx8}{U}{clm2}{bx}{n}{<7.5-8.5>}
1528 \installfontas{u-clmbx9}{U}{clm2}{bx}{n}{<8.5-9.5>}

```

```

1529 \installfontas{u-clmbx10}{U}{clm2}{bx}{n}{<9.5-11>}
1530 \installfontas{u-clmbx12}{U}{clm2}{bx}{n}{<11->}
1531 \installfontas{u-clmbxo10}{U}{clm2}{bx}{sl}{f}
1532 \installfontas{u-clmbxi10}{U}{clm2}{bx}{it}{f}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1533 \installfontas{u-clmb10}{U}{clm2}{sb}{n}{f}
1534 \installfontas{u-clmbo10}{U}{clm2}{sb}{sl}{f}
1535 \installfamily{U}{clm2s}{f}
1536 \installfontas{u-clmss8}{U}{clm2s}{m}{n}{<-8.5>}
1537 \installfontas{u-clmss9}{U}{clm2s}{m}{n}{<8.5-9.5>}
1538 \installfontas{u-clmss10}{U}{clm2s}{m}{n}{<9.5-11>}
1539 \installfontas{u-clmss12}{U}{clm2s}{m}{n}{<11-15>}
1540 \installfontas{u-clmss17}{U}{clm2s}{m}{n}{<15->}
1541 \installfontas{u-clmss08}{U}{clm2s}{m}{sl}{<-8.5>}
1542 \installfontas{u-clmss09}{U}{clm2s}{m}{sl}{<8.5-9.5>}
1543 \installfontas{u-clmss10}{U}{clm2s}{m}{sl}{<9.5-11>}
1544 \installfontas{u-clmss12}{U}{clm2s}{m}{sl}{<11-15>}
1545 \installfontas{u-clmss17}{U}{clm2s}{m}{sl}{<15->}
1546 \installfontas{u-clmssbx10}{U}{clm2s}{bx}{n}{f}
1547 \installfontas{u-clmssbo10}{U}{clm2s}{bx}{sl}{f}
1548 \installfontas{u-clmssdc10}{U}{clm2s}{sbc}{n}{f}
1549 \installfontas{u-clmssdo10}{U}{clm2s}{sbc}{sl}{f}
1550 \installfamily{U}{clm2qs}{f}
1551 \installfontas{u-clmssq8}{U}{clm2qs}{m}{n}{f}
1552 \installfontas{u-clmssq08}{U}{clm2qs}{m}{sl}{f}
1553 \installfontas{u-clmssqbx8}{U}{clm2qs}{bx}{n}{f}
1554 \installfontas{u-clmssqbo8}{U}{clm2qs}{bx}{sl}{f}
1555 \installfamily{U}{clm2t}{f}
1556 \installfontas{u-clmtt8}{U}{clm2t}{m}{n}{<-8.5>}
1557 \installfontas{u-clmtt9}{U}{clm2t}{m}{n}{<8.5-9.5>}
1558 \installfontas{u-clmtt10}{U}{clm2t}{m}{n}{<9.5-11>}
1559 \installfontas{u-clmtt12}{U}{clm2t}{m}{n}{<11->}
1560 \installfontas{u-clmtto10}{U}{clm2t}{m}{sl}{f}
1561 \installfontas{u-clmtti10}{U}{clm2t}{m}{it}{f}
1562 \installfontas{u-clmtcsc10}{U}{clm2t}{m}{sc}{f}
1563 \installfontas{u-clmtcso10}{U}{clm2t}{m}{scsl}{f}
1564 \installfontas{u-clmtk10}{U}{clm2t}{bx}{n}{f}
1565 \installfontas{u-clmtko10}{U}{clm2t}{bx}{sl}{f}
1566 \installfontas{u-clmtl10}{U}{clm2t}{l}{n}{f}
1567 \installfontas{u-clmtlo10}{U}{clm2t}{l}{sl}{f}
1568 \installfontas{u-clmtlc10}{U}{clm2t}{lc}{n}{f}
1569 \installfontas{u-clmtlco10}{U}{clm2t}{lc}{sl}{f}
1570 \installfamily{U}{clm2v}{f}
1571 \installfontas{u-clmvtt10}{U}{clm2v}{m}{n}{f}
1572 \installfontas{u-clmvtt010}{U}{clm2v}{m}{sl}{f}
1573 \installfontas{u-clmvtk10}{U}{clm2v}{bx}{n}{f}
1574 \installfontas{u-clmvtko10}{U}{clm2v}{bx}{sl}{f}
1575 \installfontas{u-clmvtl10}{U}{clm2v}{l}{n}{f}
1576 \installfontas{u-clmvtlo10}{U}{clm2v}{l}{sl}{f}
1577 \installfamily{U}{clm2d}{f}
1578 \installfontas{u-clmdunh10}{U}{clm2d}{m}{n}{f}
1579 \installfontas{u-clmduno10}{U}{clm2d}{m}{sl}{f}
1580 \installfamily{U}{clm2j}{f}
1581 \installfontas{u-clmr5}{U}{clm2j}{m}{n}{<-5.5>}
1582 \installfontas{u-clmr6}{U}{clm2j}{m}{n}{<5.5-6.5>}
1583 \installfontas{u-clmr7}{U}{clm2j}{m}{n}{<6.5-7.5>}
1584 \installfontas{u-clmr8}{U}{clm2j}{m}{n}{<7.5-8.5>}
1585 \installfontas{u-clmr9}{U}{clm2j}{m}{n}{<8.5-9.5>}

```

```

1586 \installfontas{u-clmr10}{U}{clm2j}{m}{n}{<9.5-11>}
1587 \installfontas{u-clmr12}{U}{clm2j}{m}{n}{<11-15>}
1588 \installfontas{u-clmr17}{U}{clm2j}{m}{n}{<15->}
1589 \installfontas{u-clmro8}{U}{clm2j}{m}{sl}{<-8.5>}
1590 \installfontas{u-clmro9}{U}{clm2j}{m}{sl}{<8.5-9.5>}
1591 \installfontas{u-clmro10}{U}{clm2j}{m}{sl}{<9.5-11>}
1592 \installfontas{u-clmro12}{U}{clm2j}{m}{sl}{<11-15>}
1593 \installfontas{u-clmro17}{U}{clm2j}{m}{sl}{<15->}
1594 \installfontas{u-clmri7}{U}{clm2j}{m}{it}{<-7.5>}
1595 \installfontas{u-clmri8}{U}{clm2j}{m}{it}{<7.5-8.5>}
1596 \installfontas{u-clmri9}{U}{clm2j}{m}{it}{<8.5-9.5>}
1597 \installfontas{u-clmri10}{U}{clm2j}{m}{it}{<9.5-11>}
1598 \installfontas{u-clmri12}{U}{clm2j}{m}{it}{<11->}
1599 \installfontas{u-clmu10}{U}{clm2j}{m}{ui}{-}
1600 \installfontas{u-clmcs10}{U}{clm2j}{m}{sc}{-}
1601 \installfontas{u-clmcsco10}{U}{clm2j}{m}{scsl}{-}

```

Repeat for bold fonts

```

1602 \installfontas{u-clmbx5}{U}{clm2j}{bx}{n}{<-5.5>}
1603 \installfontas{u-clmbx6}{U}{clm2j}{bx}{n}{<5.5-6.5>}
1604 \installfontas{u-clmbx7}{U}{clm2j}{bx}{n}{<6.5-7.5>}
1605 \installfontas{u-clmbx8}{U}{clm2j}{bx}{n}{<7.5-8.5>}
1606 \installfontas{u-clmbx9}{U}{clm2j}{bx}{n}{<8.5-9.5>}
1607 \installfontas{u-clmbx10}{U}{clm2j}{bx}{n}{<9.5-11>}
1608 \installfontas{u-clmbx12}{U}{clm2j}{bx}{n}{<11->}
1609 \installfontas{u-clmbxo10}{U}{clm2j}{bx}{sl}{-}
1610 \installfontas{u-clmbxi10}{U}{clm2j}{bx}{it}{-}

```

Latin Modern default has these installed as bold, but the weight in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1611 \installfontas{u-clmb10}{U}{clm2j}{sb}{n}{-}
1612 \installfontas{u-clmbo10}{U}{clm2j}{sb}{sl}{-}
1613 \installfamily{U}{clm2js}{-}
1614 \installfontas{u-clmss8}{U}{clm2js}{m}{n}{<-8.5>}
1615 \installfontas{u-clmss9}{U}{clm2js}{m}{n}{<8.5-9.5>}
1616 \installfontas{u-clmss10}{U}{clm2js}{m}{n}{<9.5-11>}
1617 \installfontas{u-clmss12}{U}{clm2js}{m}{n}{<11-15>}
1618 \installfontas{u-clmss17}{U}{clm2js}{m}{n}{<15->}
1619 \installfontas{u-clmss8}{U}{clm2js}{m}{sl}{<-8.5>}
1620 \installfontas{u-clmss9}{U}{clm2js}{m}{sl}{<8.5-9.5>}
1621 \installfontas{u-clmss10}{U}{clm2js}{m}{sl}{<9.5-11>}
1622 \installfontas{u-clmss12}{U}{clm2js}{m}{sl}{<11-15>}
1623 \installfontas{u-clmss17}{U}{clm2js}{m}{sl}{<15->}
1624 \installfontas{u-clmssbx10}{U}{clm2js}{bx}{n}{-}
1625 \installfontas{u-clmssbo10}{U}{clm2js}{bx}{sl}{-}
1626 \installfontas{u-clmssdc10}{U}{clm2js}{sbc}{n}{-}
1627 \installfontas{u-clmssdo10}{U}{clm2js}{sbc}{sl}{-}
1628 \installfamily{U}{clm2jqs}{-}
1629 \installfontas{u-clmssq8}{U}{clm2jqs}{m}{n}{-}
1630 \installfontas{u-clmssqo8}{U}{clm2jqs}{m}{sl}{-}
1631 \installfontas{u-clmssqbx8}{U}{clm2jqs}{bx}{n}{-}
1632 \installfontas{u-clmssqbo8}{U}{clm2jqs}{bx}{sl}{-}
1633 \installfamily{U}{clm2jt}{-}
1634 \installfontas{u-clmtt8}{U}{clm2jt}{m}{n}{<-8.5>}
1635 \installfontas{u-clmtt9}{U}{clm2jt}{m}{n}{<8.5-9.5>}
1636 \installfontas{u-clmtt10}{U}{clm2jt}{m}{n}{<9.5-11>}
1637 \installfontas{u-clmtt12}{U}{clm2jt}{m}{n}{<11->}
1638 \installfontas{u-clmtto10}{U}{clm2jt}{m}{sl}{-}
1639 \installfontas{u-clmtti10}{U}{clm2jt}{m}{it}{-}

```

```

1640 \installfontas{u-clmtcsc10}{U}{clm2jt}{m}{sc}{}
1641 \installfontas{u-clmtcso10}{U}{clm2jt}{m}{scsl}{}
1642 \installfontas{u-clmtk10}{U}{clm2jt}{bx}{n}{}
1643 \installfontas{u-clmtko10}{U}{clm2jt}{bx}{s1}{}
1644 \installfontas{u-clmtl10}{U}{clm2jt}{l}{n}{}
1645 \installfontas{u-clmtlo10}{U}{clm2jt}{l}{s1}{}
1646 \installfontas{u-clmtlc10}{U}{clm2jt}{lc}{n}{}
1647 \installfontas{u-clmtlco10}{U}{clm2jt}{lc}{s1}{}
1648 \installfamily{U}{clm2jv}{}
1649 \installfontas{u-clmvtt10}{U}{clm2jv}{m}{n}{}
1650 \installfontas{u-clmvttco10}{U}{clm2jv}{m}{s1}{}
1651 \installfontas{u-clmvtk10}{U}{clm2jv}{bx}{n}{}
1652 \installfontas{u-clmvtko10}{U}{clm2jv}{bx}{s1}{}
1653 \installfontas{u-clmvtl10}{U}{clm2jv}{l}{n}{}
1654 \installfontas{u-clmvtlo10}{U}{clm2jv}{l}{s1}{}
1655 \installfamily{U}{clm2dj}{}
1656 \installfontas{u-clmdunh10}{U}{clm2dj}{m}{n}{}
1657 \installfontas{u-clmduno10}{U}{clm2dj}{m}{s1}{}
1658 \installfamily{U}{clmj}{}
1659 \installfontas{u-clmr5}{U}{clmj}{m}{n}{<-5.5>}
1660 \installfontas{u-clmr6}{U}{clmj}{m}{n}{<5.5-6.5>}
1661 \installfontas{u-clmr7}{U}{clmj}{m}{n}{<6.5-7.5>}
1662 \installfontas{u-clmr8}{U}{clmj}{m}{n}{<7.5-8.5>}
1663 \installfontas{u-clmr9}{U}{clmj}{m}{n}{<8.5-9.5>}
1664 \installfontas{u-clmr10}{U}{clmj}{m}{n}{<9.5-11>}
1665 \installfontas{u-clmr12}{U}{clmj}{m}{n}{<11-15>}
1666 \installfontas{u-clmr17}{U}{clmj}{m}{n}{<15->}
1667 \installfontas{u-clmro8}{U}{clmj}{m}{s1}{<-8.5>}
1668 \installfontas{u-clmro9}{U}{clmj}{m}{s1}{<8.5-9.5>}
1669 \installfontas{u-clmro10}{U}{clmj}{m}{s1}{<9.5-11>}
1670 \installfontas{u-clmro12}{U}{clmj}{m}{s1}{<11-15>}
1671 \installfontas{u-clmro17}{U}{clmj}{m}{s1}{<15->}
1672 \installfontas{u-clmri7}{U}{clmj}{m}{it}{<-7.5>}
1673 \installfontas{u-clmri8}{U}{clmj}{m}{it}{<7.5-8.5>}
1674 \installfontas{u-clmri9}{U}{clmj}{m}{it}{<8.5-9.5>}
1675 \installfontas{u-clmri10}{U}{clmj}{m}{it}{<9.5-11>}
1676 \installfontas{u-clmri12}{U}{clmj}{m}{it}{<11->}
1677 \installfontas{u-clmu10}{U}{clmj}{m}{ui}{}
1678 \installfontas{u-clmcs10}{U}{clmj}{m}{sc}{}
1679 \installfontas{u-clmcsco10}{U}{clmj}{m}{scsl}{}

```

Repeat for bold fonts

```

1680 \installfontas{u-clmbx5}{U}{clmj}{bx}{n}{<-5.5>}
1681 \installfontas{u-clmbx6}{U}{clmj}{bx}{n}{<5.5-6.5>}
1682 \installfontas{u-clmbx7}{U}{clmj}{bx}{n}{<6.5-7.5>}
1683 \installfontas{u-clmbx8}{U}{clmj}{bx}{n}{<7.5-8.5>}
1684 \installfontas{u-clmbx9}{U}{clmj}{bx}{n}{<8.5-9.5>}
1685 \installfontas{u-clmbx10}{U}{clmj}{bx}{n}{<9.5-11>}
1686 \installfontas{u-clmbx12}{U}{clmj}{bx}{n}{<11->}
1687 \installfontas{u-clmbxo10}{U}{clmj}{bx}{s1}{}
1688 \installfontas{u-clmbxi10}{U}{clmj}{bx}{it}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1689 \installfontas{u-clmb10}{U}{clmj}{sb}{n}{}
1690 \installfontas{u-clmbo10}{U}{clmj}{sb}{s1}{}
1691 \installfamily{U}{clmjs}{}
1692 \installfontas{u-clmss8}{U}{clmjs}{m}{n}{<-8.5>}
1693 \installfontas{u-clmss9}{U}{clmjs}{m}{n}{<8.5-9.5>}

```

```

1694 \installfontas{u-clmss10}{U}{clmjs}{m}{n}{<9.5-11>}
1695 \installfontas{u-clmss12}{U}{clmjs}{m}{n}{<11-15>}
1696 \installfontas{u-clmss17}{U}{clmjs}{m}{n}{<15->}
1697 \installfontas{u-clmss08}{U}{clmjs}{m}{sl}{<-8.5>}
1698 \installfontas{u-clmss09}{U}{clmjs}{m}{sl}{<8.5-9.5>}
1699 \installfontas{u-clmss10}{U}{clmjs}{m}{sl}{<9.5-11>}
1700 \installfontas{u-clmss12}{U}{clmjs}{m}{sl}{<11-15>}
1701 \installfontas{u-clmss17}{U}{clmjs}{m}{sl}{<15->}
1702 \installfontas{u-clmssbx10}{U}{clmjs}{bx}{n}{}
1703 \installfontas{u-clmssbo10}{U}{clmjs}{bx}{sl}{}
1704 \installfontas{u-clmssdc10}{U}{clmjs}{sbc}{n}{}
1705 \installfontas{u-clmssdo10}{U}{clmjs}{sbc}{sl}{}
1706 \installfamily{U}{clmjqs}{}
1707 \installfontas{u-clmssq8}{U}{clmjqs}{m}{n}{}
1708 \installfontas{u-clmssq8}{U}{clmjqs}{m}{sl}{}
1709 \installfontas{u-clmssqbx8}{U}{clmjqs}{bx}{n}{}
1710 \installfontas{u-clmssqbo8}{U}{clmjqs}{bx}{sl}{}
1711 \installfamily{U}{clmjtt}{}
1712 \installfontas{u-clmst8}{U}{clmjt}{m}{n}{<-8.5>}
1713 \installfontas{u-clmst9}{U}{clmjt}{m}{n}{<8.5-9.5>}
1714 \installfontas{u-clmst10}{U}{clmjt}{m}{n}{<9.5-11>}
1715 \installfontas{u-clmst12}{U}{clmjt}{m}{n}{<11->}
1716 \installfontas{u-clmsto10}{U}{clmjt}{m}{sl}{}
1717 \installfontas{u-clmsti10}{U}{clmjt}{m}{it}{}
1718 \installfontas{u-clmtcsc10}{U}{clmjt}{m}{sc}{}
1719 \installfontas{u-clmtcso10}{U}{clmjt}{m}{scsl}{}
1720 \installfontas{u-clmtk10}{U}{clmjt}{bx}{n}{}
1721 \installfontas{u-clmtko10}{U}{clmjt}{bx}{sl}{}
1722 \installfontas{u-clmtl10}{U}{clmjt}{l}{n}{}
1723 \installfontas{u-clmtlo10}{U}{clmjt}{l}{sl}{}
1724 \installfontas{u-clmtlc10}{U}{clmjt}{lc}{n}{}
1725 \installfontas{u-clmtlco10}{U}{clmjt}{lc}{sl}{}
1726 \installfamily{U}{clmjv}{}
1727 \installfontas{u-clmvtt10}{U}{clmjv}{m}{n}{}
1728 \installfontas{u-clmvtt10}{U}{clmjv}{m}{sl}{}
1729 \installfontas{u-clmvtk10}{U}{clmjv}{bx}{n}{}
1730 \installfontas{u-clmvtko10}{U}{clmjv}{bx}{sl}{}
1731 \installfontas{u-clmvtl10}{U}{clmjv}{l}{n}{}
1732 \installfontas{u-clmvtlo10}{U}{clmjv}{l}{sl}{}
1733 \installfamily{U}{clmdj}{}
1734 \installfontas{u-clmdunh10}{U}{clmdj}{m}{n}{}
1735 \installfontas{u-clmduno10}{U}{clmdj}{m}{sl}{}
1736 \endinstallfontas
1737 \endrecordtransforms
1738 \bye
1739 % vim: set nospell:

```

1.2 TS1 Driver

This driver does very little. It's sole purpose is to install \TeX fonts provided by `lmodern` under the family names used by `cfr-lm-build` so that symbols from the TS1 encoding work as expected.

`clm-ts1-drv.tex` (*drv.*) The Text Companion or TS1 families. Note that this driver doesn't actually install any fonts at all but only aliases existing ones.

```

1740 \input fontinst.sty
1741 \needsfontinstversion{1.926}

```

Substitutions


```

1742 \substitutesilent{scit}{scsl}
1743 \substitutesilent{si}{scit}
1744 \substitutesilent{ui}{it}
1745 \substitutesilent{sl}{ui}
1746 \substitutesilent{it}{sl}
1747 \substitutesilent{sc}{n}

```

Bold extended for bold

```
1748 \substitutesilent{b}{bx}
```

Record transformations for later map file creation

```
1749 \recordtransforms{clm-ts1-rec.tex}
```

Installation: creation of virtual fonts

Install with TS1 encoding for extra glyphs through textcomp-dotted

clm

```

1750 \installfonts
1751   \installfamily{TS1}{clm}{}
1752   \installfontas{ts1-lmr5}{TS1}{clm}{m}{n}{<-5.5>}
1753   \installfontas{ts1-lmr6}{TS1}{clm}{m}{n}{<5.5-6.5>}
1754   \installfontas{ts1-lmr7}{TS1}{clm}{m}{n}{<6.5-7.5>}
1755   \installfontas{ts1-lmr8}{TS1}{clm}{m}{n}{<7.5-8.5>}
1756   \installfontas{ts1-lmr9}{TS1}{clm}{m}{n}{<8.5-9.5>}
1757   \installfontas{ts1-lmr10}{TS1}{clm}{m}{n}{<9.5-11>}
1758   \installfontas{ts1-lmr12}{TS1}{clm}{m}{n}{<11-15>}
1759   \installfontas{ts1-lmr17}{TS1}{clm}{m}{n}{<15->}
1760   \installfontas{ts1-lmro8}{TS1}{clm}{m}{sl}{<-8.5>}
1761   \installfontas{ts1-lmro9}{TS1}{clm}{m}{sl}{<8.5-9.5>}
1762   \installfontas{ts1-lmro10}{TS1}{clm}{m}{sl}{<9.5-11>}
1763   \installfontas{ts1-lmro12}{TS1}{clm}{m}{sl}{<11-15>}
1764   \installfontas{ts1-lmro17}{TS1}{clm}{m}{sl}{<15->}
1765   \installfontas{ts1-lmri7}{TS1}{clm}{m}{it}{<-7.5>}
1766   \installfontas{ts1-lmri8}{TS1}{clm}{m}{it}{<7.5-8.5>}
1767   \installfontas{ts1-lmri9}{TS1}{clm}{m}{it}{<8.5-9.5>}
1768   \installfontas{ts1-lmri10}{TS1}{clm}{m}{it}{<9.5-11>}
1769   \installfontas{ts1-lmri12}{TS1}{clm}{m}{it}{<11->}
1770   \installfontas{ts1-lmui0}{TS1}{clm}{m}{ui}{}
1771   \installfontas{ts1-lmcsc10}{TS1}{clm}{m}{sc}{}
1772   \installfontas{ts1-lmcsc010}{TS1}{clm}{m}{scsl}{}

```

Repeat for bold fonts

```

1773   \installfontas{ts1-lmbx5}{TS1}{clm}{bx}{n}{<-5.5>}
1774   \installfontas{ts1-lmbx6}{TS1}{clm}{bx}{n}{<5.5-6.5>}
1775   \installfontas{ts1-lmbx7}{TS1}{clm}{bx}{n}{<6.5-7.5>}
1776   \installfontas{ts1-lmbx8}{TS1}{clm}{bx}{n}{<7.5-8.5>}
1777   \installfontas{ts1-lmbx9}{TS1}{clm}{bx}{n}{<8.5-9.5>}
1778   \installfontas{ts1-lmbx10}{TS1}{clm}{bx}{n}{<9.5-11>}
1779   \installfontas{ts1-lmbx12}{TS1}{clm}{bx}{n}{<11->}
1780   \installfontas{ts1-lmbx010}{TS1}{clm}{bx}{sl}{}
1781   \installfontas{ts1-lmbxi10}{TS1}{clm}{bx}{it}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1782   \installfontas{ts1-lmb10}{TS1}{clm}{sb}{n}{}
1783   \installfontas{ts1-lmbo10}{TS1}{clm}{sb}{sl}{}

```

clms

```

1784 \installfamily{TS1}{clms}{}
1785 \installfontas{ts1-lmss8}{TS1}{clms}{m}{n}{<-8.5>}
1786 \installfontas{ts1-lmss9}{TS1}{clms}{m}{n}{<8.5-9.5>}
1787 \installfontas{ts1-lmss10}{TS1}{clms}{m}{n}{<9.5-11>}
1788 \installfontas{ts1-lmss12}{TS1}{clms}{m}{n}{<11-15>}
1789 \installfontas{ts1-lmss17}{TS1}{clms}{m}{n}{<15->}
1790 \installfontas{ts1-lmss08}{TS1}{clms}{m}{s1}{<-8.5>}
1791 \installfontas{ts1-lmss09}{TS1}{clms}{m}{s1}{<8.5-9.5>}
1792 \installfontas{ts1-lmss010}{TS1}{clms}{m}{s1}{<9.5-11>}
1793 \installfontas{ts1-lmss012}{TS1}{clms}{m}{s1}{<11-15>}
1794 \installfontas{ts1-lmss017}{TS1}{clms}{m}{s1}{<15->}
1795 \installfontas{ts1-lmssbx10}{TS1}{clms}{bx}{n}{}
1796 \installfontas{ts1-lmssbo10}{TS1}{clms}{bx}{s1}{}
1797 \installfontas{ts1-lmssdc10}{TS1}{clms}{sbc}{n}{}
1798 \installfontas{ts1-lmssdo10}{TS1}{clms}{sbc}{s1}{}

```

clmqqs

```

1799 \installfamily{TS1}{clmqqs}{}
1800 \installfontas{ts1-lmssq8}{TS1}{clmqqs}{m}{n}{}
1801 \installfontas{ts1-lmssqo8}{TS1}{clmqqs}{m}{s1}{}
1802 \installfontas{ts1-lmssqbx8}{TS1}{clmqqs}{bx}{n}{}
1803 \installfontas{ts1-lmssqbo8}{TS1}{clmqqs}{bx}{s1}{}

```

clmt

```

1804 \installfamily{TS1}{clmt}{}
1805 \installfontas{ts1-lmtt8}{TS1}{clmt}{m}{n}{<-8.5>}
1806 \installfontas{ts1-lmtt9}{TS1}{clmt}{m}{n}{<8.5-9.5>}
1807 \installfontas{ts1-lmtt10}{TS1}{clmt}{m}{n}{<9.5-11>}
1808 \installfontas{ts1-lmtt12}{TS1}{clmt}{m}{n}{<11->}
1809 \installfontas{ts1-lmtto10}{TS1}{clmt}{m}{s1}{}
1810 \installfontas{ts1-lmtti10}{TS1}{clmt}{m}{it}{}
1811 \installfontas{ts1-lmtcsc10}{TS1}{clmt}{m}{sc}{}
1812 \installfontas{ts1-lmtcso10}{TS1}{clmt}{m}{scs1}{}
1813 \installfontas{ts1-lmtk10}{TS1}{clmt}{bx}{n}{}
1814 \installfontas{ts1-lmtko10}{TS1}{clmt}{bx}{s1}{}
1815 \installfontas{ts1-lmtl10}{TS1}{clmt}{l}{n}{}
1816 \installfontas{ts1-lmtlo10}{TS1}{clmt}{l}{s1}{}
1817 \installfontas{ts1-lmtlc10}{TS1}{clmt}{lc}{n}{}
1818 \installfontas{ts1-lmtlco10}{TS1}{clmt}{lc}{s1}{}

```

clmv

```

1819 \installfamily{TS1}{clmv}{}
1820 \installfontas{ts1-lmvt10}{TS1}{clmv}{m}{n}{}
1821 \installfontas{ts1-lmvtto10}{TS1}{clmv}{m}{s1}{}
1822 \installfontas{ts1-lmvtk10}{TS1}{clmv}{bx}{n}{}
1823 \installfontas{ts1-lmvtko10}{TS1}{clmv}{bx}{s1}{}
1824 \installfontas{ts1-lmvtl10}{TS1}{clmv}{l}{n}{}
1825 \installfontas{ts1-lmvtlo10}{TS1}{clmv}{l}{s1}{}

```

clmd

```

1826 \installfamily{TS1}{clmd}{}
1827 \installfontas{ts1-lmdunh10}{TS1}{clmd}{m}{n}{}
1828 \installfontas{ts1-lmduno10}{TS1}{clmd}{m}{s1}{}

```

TS1 for the families with tabular, oldstyle figures

clmj

```

1829 \installfamily{TS1}{clmj}{}
1830 \installfontas{ts1-lmr5}{TS1}{clmj}{m}{n}{<-5.5>}

```

```

1831 \installfontas{ts1-lmr6}{TS1}{clmj}{m}{n}{<5.5-6.5>}
1832 \installfontas{ts1-lmr7}{TS1}{clmj}{m}{n}{<6.5-7.5>}
1833 \installfontas{ts1-lmr8}{TS1}{clmj}{m}{n}{<7.5-8.5>}
1834 \installfontas{ts1-lmr9}{TS1}{clmj}{m}{n}{<8.5-9.5>}
1835 \installfontas{ts1-lmr10}{TS1}{clmj}{m}{n}{<9.5-11>}
1836 \installfontas{ts1-lmr12}{TS1}{clmj}{m}{n}{<11-15>}
1837 \installfontas{ts1-lmr17}{TS1}{clmj}{m}{n}{<15->}
1838 \installfontas{ts1-lmro8}{TS1}{clmj}{m}{sl}{<-8.5>}
1839 \installfontas{ts1-lmro9}{TS1}{clmj}{m}{sl}{<8.5-9.5>}
1840 \installfontas{ts1-lmro10}{TS1}{clmj}{m}{sl}{<9.5-11>}
1841 \installfontas{ts1-lmro12}{TS1}{clmj}{m}{sl}{<11-15>}
1842 \installfontas{ts1-lmro17}{TS1}{clmj}{m}{sl}{<15->}
1843 \installfontas{ts1-lmri7}{TS1}{clmj}{m}{it}{<-7.5>}
1844 \installfontas{ts1-lmri8}{TS1}{clmj}{m}{it}{<7.5-8.5>}
1845 \installfontas{ts1-lmri9}{TS1}{clmj}{m}{it}{<8.5-9.5>}
1846 \installfontas{ts1-lmri10}{TS1}{clmj}{m}{it}{<9.5-11>}
1847 \installfontas{ts1-lmri12}{TS1}{clmj}{m}{it}{<11->}
1848 \installfontas{ts1-lmu10}{TS1}{clmj}{m}{ui}{}
1849 \installfontas{ts1-lmcs10}{TS1}{clmj}{m}{sc}{}
1850 \installfontas{ts1-lmcs10}{TS1}{clmj}{m}{scs1}{}

```

Repeat for bold fonts

```

1851 \installfontas{ts1-lmbx5}{TS1}{clmj}{bx}{n}{<-5.5>}
1852 \installfontas{ts1-lmbx6}{TS1}{clmj}{bx}{n}{<5.5-6.5>}
1853 \installfontas{ts1-lmbx7}{TS1}{clmj}{bx}{n}{<6.5-7.5>}
1854 \installfontas{ts1-lmbx8}{TS1}{clmj}{bx}{n}{<7.5-8.5>}
1855 \installfontas{ts1-lmbx9}{TS1}{clmj}{bx}{n}{<8.5-9.5>}
1856 \installfontas{ts1-lmbx10}{TS1}{clmj}{bx}{n}{<9.5-11>}
1857 \installfontas{ts1-lmbx12}{TS1}{clmj}{bx}{n}{<11->}
1858 \installfontas{ts1-lmbxo10}{TS1}{clmj}{bx}{sl}{}
1859 \installfontas{ts1-lmbxi10}{TS1}{clmj}{bx}{it}{}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1860 \installfontas{ts1-lmb10}{TS1}{clmj}{sb}{n}{}
1861 \installfontas{ts1-lmbo10}{TS1}{clmj}{sb}{sl}{}

```

clmjs

```

1862 \installfamily{TS1}{clmjs}{}
1863 \installfontas{ts1-lmss8}{TS1}{clmjs}{m}{n}{<-8.5>}
1864 \installfontas{ts1-lmss9}{TS1}{clmjs}{m}{n}{<8.5-9.5>}
1865 \installfontas{ts1-lmss10}{TS1}{clmjs}{m}{n}{<9.5-11>}
1866 \installfontas{ts1-lmss12}{TS1}{clmjs}{m}{n}{<11-15>}
1867 \installfontas{ts1-lmss17}{TS1}{clmjs}{m}{n}{<15->}
1868 \installfontas{ts1-lmss08}{TS1}{clmjs}{m}{sl}{<-8.5>}
1869 \installfontas{ts1-lmss09}{TS1}{clmjs}{m}{sl}{<8.5-9.5>}
1870 \installfontas{ts1-lmss10}{TS1}{clmjs}{m}{sl}{<9.5-11>}
1871 \installfontas{ts1-lmss12}{TS1}{clmjs}{m}{sl}{<11-15>}
1872 \installfontas{ts1-lmss17}{TS1}{clmjs}{m}{sl}{<15->}
1873 \installfontas{ts1-lmssbx10}{TS1}{clmjs}{bx}{n}{}
1874 \installfontas{ts1-lmssbo10}{TS1}{clmjs}{bx}{sl}{}
1875 \installfontas{ts1-lmssdc10}{TS1}{clmjs}{sbc}{n}{}
1876 \installfontas{ts1-lmssdo10}{TS1}{clmjs}{sbc}{sl}{}

```

clmjqs

```

1877 \installfamily{TS1}{clmjqs}{}
1878 \installfontas{ts1-lmssq8}{TS1}{clmjqs}{m}{n}{}
1879 \installfontas{ts1-lmssqo8}{TS1}{clmjqs}{m}{sl}{}

```

```
1880 \installfontas{ts1-lmssqbx8}{TS1}{clmjqb}{bx}{n}{}
1881 \installfontas{ts1-lmssqbo8}{TS1}{clmjqb}{bx}{sl}{}

```

clmjt

```
1882 \installfamily{TS1}{clmjt}{}
1883 \installfontas{ts1-lmtt8}{TS1}{clmjt}{m}{n}{<-8.5>}
1884 \installfontas{ts1-lmtt9}{TS1}{clmjt}{m}{n}{<8.5-9.5>}
1885 \installfontas{ts1-lmtt10}{TS1}{clmjt}{m}{n}{<9.5-11>}
1886 \installfontas{ts1-lmtt12}{TS1}{clmjt}{m}{n}{<11->}
1887 \installfontas{ts1-lmtto10}{TS1}{clmjt}{m}{sl}{}
1888 \installfontas{ts1-lmtti10}{TS1}{clmjt}{m}{it}{}
1889 \installfontas{ts1-lmtcsc10}{TS1}{clmjt}{m}{sc}{}
1890 \installfontas{ts1-lmtcso10}{TS1}{clmjt}{m}{scsl}{}
1891 \installfontas{ts1-lmtk10}{TS1}{clmjt}{bx}{n}{}
1892 \installfontas{ts1-lmtko10}{TS1}{clmjt}{bx}{sl}{}
1893 \installfontas{ts1-lmtl10}{TS1}{clmjt}{l}{n}{}
1894 \installfontas{ts1-lmtlo10}{TS1}{clmjt}{l}{sl}{}
1895 \installfontas{ts1-lmtlc10}{TS1}{clmjt}{lc}{n}{}
1896 \installfontas{ts1-lmtlco10}{TS1}{clmjt}{lc}{sl}{}

```

clmjv

```
1897 \installfamily{TS1}{clmjv}{}
1898 \installfontas{ts1-lmvt10}{TS1}{clmjv}{m}{n}{}
1899 \installfontas{ts1-lmvtto10}{TS1}{clmjv}{m}{sl}{}
1900 \installfontas{ts1-lmvtk10}{TS1}{clmjv}{bx}{n}{}
1901 \installfontas{ts1-lmvtko10}{TS1}{clmjv}{bx}{sl}{}
1902 \installfontas{ts1-lmvtl10}{TS1}{clmjv}{l}{n}{}
1903 \installfontas{ts1-lmvtlo10}{TS1}{clmjv}{l}{sl}{}

```

clmdj

```
1904 \installfamily{TS1}{clmdj}{}
1905 \installfontas{ts1-lmdunh10}{TS1}{clmdj}{m}{n}{}
1906 \installfontas{ts1-lmduno10}{TS1}{clmdj}{m}{sl}{}

```

TS1

clm2

```
1907 \installfamily{TS1}{clm2}{}
1908 \installfontas{ts1-lmr5}{TS1}{clm2}{m}{n}{<-5.5>}
1909 \installfontas{ts1-lmr6}{TS1}{clm2}{m}{n}{<5.5-6.5>}
1910 \installfontas{ts1-lmr7}{TS1}{clm2}{m}{n}{<6.5-7.5>}
1911 \installfontas{ts1-lmr8}{TS1}{clm2}{m}{n}{<7.5-8.5>}
1912 \installfontas{ts1-lmr9}{TS1}{clm2}{m}{n}{<8.5-9.5>}
1913 \installfontas{ts1-lmr10}{TS1}{clm2}{m}{n}{<9.5-11>}
1914 \installfontas{ts1-lmr12}{TS1}{clm2}{m}{n}{<11-15>}
1915 \installfontas{ts1-lmr17}{TS1}{clm2}{m}{n}{<15->}
1916 \installfontas{ts1-lmro8}{TS1}{clm2}{m}{sl}{<-8.5>}
1917 \installfontas{ts1-lmro9}{TS1}{clm2}{m}{sl}{<8.5-9.5>}
1918 \installfontas{ts1-lmro10}{TS1}{clm2}{m}{sl}{<9.5-11>}
1919 \installfontas{ts1-lmro12}{TS1}{clm2}{m}{sl}{<11-15>}
1920 \installfontas{ts1-lmro17}{TS1}{clm2}{m}{sl}{<15->}
1921 \installfontas{ts1-lmri7}{TS1}{clm2}{m}{it}{<-7.5>}
1922 \installfontas{ts1-lmri8}{TS1}{clm2}{m}{it}{<7.5-8.5>}
1923 \installfontas{ts1-lmri9}{TS1}{clm2}{m}{it}{<8.5-9.5>}
1924 \installfontas{ts1-lmri10}{TS1}{clm2}{m}{it}{<9.5-11>}
1925 \installfontas{ts1-lmri12}{TS1}{clm2}{m}{it}{<11->}
1926 \installfontas{ts1-lmu10}{TS1}{clm2}{m}{ui}{}
1927 \installfontas{ts1-lmcsc10}{TS1}{clm2}{m}{sc}{}
1928 \installfontas{ts1-lmcsc10}{TS1}{clm2}{m}{scsl}{}

```

Repeat for bold fonts

```

1929 \installfontas{ts1-lmbx5}{TS1}{clm2}{bx}{n}{<-5.5>}
1930 \installfontas{ts1-lmbx6}{TS1}{clm2}{bx}{n}{<5.5-6.5>}
1931 \installfontas{ts1-lmbx7}{TS1}{clm2}{bx}{n}{<6.5-7.5>}
1932 \installfontas{ts1-lmbx8}{TS1}{clm2}{bx}{n}{<7.5-8.5>}
1933 \installfontas{ts1-lmbx9}{TS1}{clm2}{bx}{n}{<8.5-9.5>}
1934 \installfontas{ts1-lmbx10}{TS1}{clm2}{bx}{n}{<9.5-11>}
1935 \installfontas{ts1-lmbx12}{TS1}{clm2}{bx}{n}{<11->}
1936 \installfontas{ts1-lmbxo10}{TS1}{clm2}{bx}{sl}{-}
1937 \installfontas{ts1-lmbxi10}{TS1}{clm2}{bx}{it}{-}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

1938 \installfontas{ts1-lmb10}{TS1}{clm2}{sb}{n}{-}
1939 \installfontas{ts1-lmbo10}{TS1}{clm2}{sb}{sl}{-}

```

clm2s

```

1940 \installfamily{TS1}{clm2s}{-}
1941 \installfontas{ts1-lmss8}{TS1}{clm2s}{m}{n}{<-8.5>}
1942 \installfontas{ts1-lmss9}{TS1}{clm2s}{m}{n}{<8.5-9.5>}
1943 \installfontas{ts1-lmss10}{TS1}{clm2s}{m}{n}{<9.5-11>}
1944 \installfontas{ts1-lmss12}{TS1}{clm2s}{m}{n}{<11-15>}
1945 \installfontas{ts1-lmss17}{TS1}{clm2s}{m}{n}{<15->}
1946 \installfontas{ts1-lmss08}{TS1}{clm2s}{m}{sl}{<-8.5>}
1947 \installfontas{ts1-lmss09}{TS1}{clm2s}{m}{sl}{<8.5-9.5>}
1948 \installfontas{ts1-lmss010}{TS1}{clm2s}{m}{sl}{<9.5-11>}
1949 \installfontas{ts1-lmss012}{TS1}{clm2s}{m}{sl}{<11-15>}
1950 \installfontas{ts1-lmss017}{TS1}{clm2s}{m}{sl}{<15->}
1951 \installfontas{ts1-lmssbx10}{TS1}{clm2s}{bx}{n}{-}
1952 \installfontas{ts1-lmssbo10}{TS1}{clm2s}{bx}{sl}{-}
1953 \installfontas{ts1-lmssdc10}{TS1}{clm2s}{sbc}{n}{-}
1954 \installfontas{ts1-lmssdo10}{TS1}{clm2s}{sbc}{sl}{-}

```

clm2qs

```

1955 \installfamily{TS1}{clm2qs}{-}
1956 \installfontas{ts1-lmssq8}{TS1}{clm2qs}{m}{n}{-}
1957 \installfontas{ts1-lmssqo8}{TS1}{clm2qs}{m}{sl}{-}
1958 \installfontas{ts1-lmssqbx8}{TS1}{clm2qs}{bx}{n}{-}
1959 \installfontas{ts1-lmssqbo8}{TS1}{clm2qs}{bx}{sl}{-}

```

clm2v

```

1960 \installfamily{TS1}{clm2v}{-}
1961 \installfontas{ts1-lmvt10}{TS1}{clm2v}{m}{n}{-}
1962 \installfontas{ts1-lmvtto10}{TS1}{clm2v}{m}{sl}{-}
1963 \installfontas{ts1-lmvtk10}{TS1}{clm2v}{bx}{n}{-}
1964 \installfontas{ts1-lmvtko10}{TS1}{clm2v}{bx}{sl}{-}
1965 \installfontas{ts1-lmvtl10}{TS1}{clm2v}{l}{n}{-}
1966 \installfontas{ts1-lmvtlo10}{TS1}{clm2v}{l}{sl}{-}

```

clm2t

```

1967 \installfamily{TS1}{clm2t}{-}
1968 \installfontas{ts1-lmtt8}{TS1}{clm2t}{m}{n}{<-8.5>}
1969 \installfontas{ts1-lmtt9}{TS1}{clm2t}{m}{n}{<8.5-9.5>}
1970 \installfontas{ts1-lmtt10}{TS1}{clm2t}{m}{n}{<9.5-11>}
1971 \installfontas{ts1-lmtt12}{TS1}{clm2t}{m}{n}{<11->}
1972 \installfontas{ts1-lmtto10}{TS1}{clm2t}{m}{sl}{-}
1973 \installfontas{ts1-lmtti10}{TS1}{clm2t}{m}{it}{-}

```

```

1974 \installfontas{ts1-lmtcsc10}{TS1}{clm2t}{m}{sc}{f}
1975 \installfontas{ts1-lmtcso10}{TS1}{clm2t}{m}{scs1}{f}
1976 \installfontas{ts1-lmtk10}{TS1}{clm2t}{bx}{n}{f}
1977 \installfontas{ts1-lmtko10}{TS1}{clm2t}{bx}{s1}{f}
1978 \installfontas{ts1-lmtl10}{TS1}{clm2t}{l}{n}{f}
1979 \installfontas{ts1-lmtlo10}{TS1}{clm2t}{l}{s1}{f}
1980 \installfontas{ts1-lmtlc10}{TS1}{clm2t}{lc}{n}{f}
1981 \installfontas{ts1-lmtlco10}{TS1}{clm2t}{lc}{s1}{f}

```

clm2d

See note under T1 section

```

1982 \installfamily{TS1}{clm2d}{f}
1983 \installfontas{ts1-lmdunh10}{TS1}{clm2d}{m}{n}{f}
1984 \installfontas{ts1-lmduno10}{TS1}{clm2d}{m}{s1}{f}

```

TS1

clm2j

```

1985 \installfamily{TS1}{clm2j}{f}
1986 \installfontas{ts1-lmr5}{TS1}{clm2j}{m}{n}{<-5.5>}
1987 \installfontas{ts1-lmr6}{TS1}{clm2j}{m}{n}{<5.5-6.5>}
1988 \installfontas{ts1-lmr7}{TS1}{clm2j}{m}{n}{<6.5-7.5>}
1989 \installfontas{ts1-lmr8}{TS1}{clm2j}{m}{n}{<7.5-8.5>}
1990 \installfontas{ts1-lmr9}{TS1}{clm2j}{m}{n}{<8.5-9.5>}
1991 \installfontas{ts1-lmr10}{TS1}{clm2j}{m}{n}{<9.5-11>}
1992 \installfontas{ts1-lmr12}{TS1}{clm2j}{m}{n}{<11-15>}
1993 \installfontas{ts1-lmr17}{TS1}{clm2j}{m}{n}{<15->}
1994 \installfontas{ts1-lmro8}{TS1}{clm2j}{m}{s1}{<-8.5>}
1995 \installfontas{ts1-lmro9}{TS1}{clm2j}{m}{s1}{<8.5-9.5>}
1996 \installfontas{ts1-lmro10}{TS1}{clm2j}{m}{s1}{<9.5-11>}
1997 \installfontas{ts1-lmro12}{TS1}{clm2j}{m}{s1}{<11-15>}
1998 \installfontas{ts1-lmro17}{TS1}{clm2j}{m}{s1}{<15->}
1999 \installfontas{ts1-lmri7}{TS1}{clm2j}{m}{it}{<-7.5>}
2000 \installfontas{ts1-lmri8}{TS1}{clm2j}{m}{it}{<7.5-8.5>}
2001 \installfontas{ts1-lmri9}{TS1}{clm2j}{m}{it}{<8.5-9.5>}
2002 \installfontas{ts1-lmri10}{TS1}{clm2j}{m}{it}{<9.5-11>}
2003 \installfontas{ts1-lmri12}{TS1}{clm2j}{m}{it}{<11->}
2004 \installfontas{ts1-lmu10}{TS1}{clm2j}{m}{ui}{f}
2005 \installfontas{ts1-lmcsc10}{TS1}{clm2j}{m}{sc}{f}
2006 \installfontas{ts1-lmcso10}{TS1}{clm2j}{m}{scs1}{f}

```

Repeat for bold fonts

```

2007 \installfontas{ts1-lmbx5}{TS1}{clm2j}{bx}{n}{<-5.5>}
2008 \installfontas{ts1-lmbx6}{TS1}{clm2j}{bx}{n}{<5.5-6.5>}
2009 \installfontas{ts1-lmbx7}{TS1}{clm2j}{bx}{n}{<6.5-7.5>}
2010 \installfontas{ts1-lmbx8}{TS1}{clm2j}{bx}{n}{<7.5-8.5>}
2011 \installfontas{ts1-lmbx9}{TS1}{clm2j}{bx}{n}{<8.5-9.5>}
2012 \installfontas{ts1-lmbx10}{TS1}{clm2j}{bx}{n}{<9.5-11>}
2013 \installfontas{ts1-lmbx12}{TS1}{clm2j}{bx}{n}{<11->}
2014 \installfontas{ts1-lmbxo10}{TS1}{clm2j}{bx}{s1}{f}
2015 \installfontas{ts1-lmbxi10}{TS1}{clm2j}{bx}{it}{f}

```

Latin Modern default has these installed as bold, but the weight given in the font is demi and the demi weights in the sans-condensed are installed as demi, so I'm going for the same series - sb - here as they choose for those

```

2016 \installfontas{ts1-lmb10}{TS1}{clm2j}{sb}{n}{f}
2017 \installfontas{ts1-lmbo10}{TS1}{clm2j}{sb}{s1}{f}

```

clm2js

```

2018 \installfamily{TS1}{clm2js}{-}
2019 \installfontas{ts1-lmss8}{TS1}{clm2js}{m}{n}{<-8.5>}
2020 \installfontas{ts1-lmss9}{TS1}{clm2js}{m}{n}{<8.5-9.5>}
2021 \installfontas{ts1-lmss10}{TS1}{clm2js}{m}{n}{<9.5-11>}
2022 \installfontas{ts1-lmss12}{TS1}{clm2js}{m}{n}{<11-15>}
2023 \installfontas{ts1-lmss17}{TS1}{clm2js}{m}{n}{<15->}
2024 \installfontas{ts1-lmssc8}{TS1}{clm2js}{m}{s1}{<-8.5>}
2025 \installfontas{ts1-lmssoc9}{TS1}{clm2js}{m}{s1}{<8.5-9.5>}
2026 \installfontas{ts1-lmssoc10}{TS1}{clm2js}{m}{s1}{<9.5-11>}
2027 \installfontas{ts1-lmssoc12}{TS1}{clm2js}{m}{s1}{<11-15>}
2028 \installfontas{ts1-lmssoc17}{TS1}{clm2js}{m}{s1}{<15->}
2029 \installfontas{ts1-lmssbx10}{TS1}{clm2js}{bx}{n}{-}
2030 \installfontas{ts1-lmssbo10}{TS1}{clm2js}{bx}{s1}{-}
2031 \installfontas{ts1-lmssdc10}{TS1}{clm2js}{sbc}{n}{-}
2032 \installfontas{ts1-lmssdo10}{TS1}{clm2js}{sbc}{s1}{-}

```

clm2jqs

```

2033 \installfamily{TS1}{clm2jqs}{-}
2034 \installfontas{ts1-lmssq8}{TS1}{clm2jqs}{m}{n}{-}
2035 \installfontas{ts1-lmssqo8}{TS1}{clm2jqs}{m}{s1}{-}
2036 \installfontas{ts1-lmssqbx8}{TS1}{clm2jqs}{bx}{n}{-}
2037 \installfontas{ts1-lmssqbo8}{TS1}{clm2jqs}{bx}{s1}{-}

```

clm2jt

```

2038 \installfamily{TS1}{clm2jt}{-}
2039 \installfontas{ts1-lmtt8}{TS1}{clm2jt}{m}{n}{<-8.5>}
2040 \installfontas{ts1-lmtt9}{TS1}{clm2jt}{m}{n}{<8.5-9.5>}
2041 \installfontas{ts1-lmtt10}{TS1}{clm2jt}{m}{n}{<9.5-11>}
2042 \installfontas{ts1-lmtt12}{TS1}{clm2jt}{m}{n}{<11->}
2043 \installfontas{ts1-lmtto10}{TS1}{clm2jt}{m}{s1}{-}
2044 \installfontas{ts1-lmtti10}{TS1}{clm2jt}{m}{it}{-}
2045 \installfontas{ts1-lmtcsc10}{TS1}{clm2jt}{m}{sc}{-}
2046 \installfontas{ts1-lmtcso10}{TS1}{clm2jt}{m}{scs1}{-}
2047 \installfontas{ts1-lmtk10}{TS1}{clm2jt}{bx}{n}{-}
2048 \installfontas{ts1-lmtko10}{TS1}{clm2jt}{bx}{s1}{-}
2049 \installfontas{ts1-lmtl10}{TS1}{clm2jt}{l}{n}{-}
2050 \installfontas{ts1-lmtlo10}{TS1}{clm2jt}{l}{s1}{-}
2051 \installfontas{ts1-lmtlc10}{TS1}{clm2jt}{lc}{n}{-}
2052 \installfontas{ts1-lmtlco10}{TS1}{clm2jt}{lc}{s1}{-}

```

clm2jv

```

2053 \installfamily{TS1}{clm2jv}{-}
2054 \installfontas{ts1-lmvt10}{TS1}{clm2jv}{m}{n}{-}
2055 \installfontas{ts1-lmvtto10}{TS1}{clm2jv}{m}{s1}{-}
2056 \installfontas{ts1-lmvtk10}{TS1}{clm2jv}{bx}{n}{-}
2057 \installfontas{ts1-lmvtko10}{TS1}{clm2jv}{bx}{s1}{-}
2058 \installfontas{ts1-lmvtl10}{TS1}{clm2jv}{l}{n}{-}
2059 \installfontas{ts1-lmvtlo10}{TS1}{clm2jv}{l}{s1}{-}

```

clm2dj

```

2060 \installfamily{TS1}{clm2dj}{-}
2061 \installfontas{ts1-lmdunh10}{TS1}{clm2dj}{m}{n}{-}
2062 \installfontas{ts1-lmduno10}{TS1}{clm2dj}{m}{s1}{-}
2063 \endinstallfonts
2064 \endrecordtransforms
2065 \bye

```

2 Map

This file is compiled to produce the map file fragment `updmap` needs to install the fonts. It uses files recorded during compilation of the driver.

`clm-map.tex` (*map*) Create map file fragments.

```
2066 \input finstmsc.sty
2067 \resetstr{PSfontsuffix}{.pfb}
2068 \adddriver{dvips}{clm.map}
2069 \adddriver{pltotf}{clm-pltotf.sh}
2070 \input clm-rec.tex
2071 \donedrivers
2072 \bye
```

3 Encodings

`etx` files may specify raw and/or output encodings. Those which are specific to `cfr-lm` are described below and included in `cfr-lm-build.pdf`. Those which are not are included as separate sources unless provided by `fontinst`.

3.1 Supplementary Encodings (Raw)

We need an additional ‘raw’ encoding to pick up characters otherwise missed. Many of these are here just because they are named differently, but this also covers fancy ligatures, alternate styles of digits etc.

- `dotdigits.etx`

3.1.1 `dotdigits.etx`

`dotdigits.etx` (*etx*) A supplementary raw encoding to capture characters not included in `8r.enc`.

```
2073 \relax
2074 \encoding
2075 \setslot{zero.prop}\endsetslot
2076 \setslot{one.prop}\endsetslot
2077 \setslot{two.prop}\endsetslot
2078 \setslot{three.prop}\endsetslot
2079 \setslot{four.prop}\endsetslot
2080 \setslot{five.prop}\endsetslot
2081 \setslot{six.prop}\endsetslot
2082 \setslot{seven.prop}\endsetslot
2083 \setslot{eight.prop}\endsetslot
2084 \setslot{nine.prop}\endsetslot
2085 \setslot{zero.fitted}\endsetslot
2086 \setslot{one.fitted}\endsetslot
2087 \setslot{two.fitted}\endsetslot
2088 \setslot{three.fitted}\endsetslot
2089 \setslot{four.fitted}\endsetslot
2090 \setslot{five.fitted}\endsetslot
2091 \setslot{six.fitted}\endsetslot
2092 \setslot{seven.fitted}\endsetslot
2093 \setslot{eight.fitted}\endsetslot
2094 \setslot{nine.fitted}\endsetslot
2095 \setslot{zero.proportional}\endsetslot
```



```
2096 \setslot{one.proportional}\endsetslot
2097 \setslot{two.proportional}\endsetslot
2098 \setslot{three.proportional}\endsetslot
2099 \setslot{four.proportional}\endsetslot
2100 \setslot{five.proportional}\endsetslot
2101 \setslot{six.proportional}\endsetslot
2102 \setslot{seven.proportional}\endsetslot
2103 \setslot{eight.proportional}\endsetslot
2104 \setslot{nine.proportional}\endsetslot
2105 \setslot{zero.tab}\endsetslot
2106 \setslot{one.tab}\endsetslot
2107 \setslot{two.tab}\endsetslot
2108 \setslot{three.tab}\endsetslot
2109 \setslot{four.tab}\endsetslot
2110 \setslot{five.tab}\endsetslot
2111 \setslot{six.tab}\endsetslot
2112 \setslot{seven.tab}\endsetslot
2113 \setslot{eight.tab}\endsetslot
2114 \setslot{nine.tab}\endsetslot
2115 \setslot{zero.tabular}\endsetslot
2116 \setslot{one.tabular}\endsetslot
2117 \setslot{two.tabular}\endsetslot
2118 \setslot{three.tabular}\endsetslot
2119 \setslot{four.tabular}\endsetslot
2120 \setslot{five.tabular}\endsetslot
2121 \setslot{six.tabular}\endsetslot
2122 \setslot{seven.tabular}\endsetslot
2123 \setslot{eight.tabular}\endsetslot
2124 \setslot{nine.tabular}\endsetslot
2125 \setslot{zero.oldstyle}\endsetslot
2126 \setslot{one.oldstyle}\endsetslot
2127 \setslot{two.oldstyle}\endsetslot
2128 \setslot{three.oldstyle}\endsetslot
2129 \setslot{four.oldstyle}\endsetslot
2130 \setslot{five.oldstyle}\endsetslot
2131 \setslot{six.oldstyle}\endsetslot
2132 \setslot{seven.oldstyle}\endsetslot
2133 \setslot{eight.oldstyle}\endsetslot
2134 \setslot{nine.oldstyle}\endsetslot
2135 \setslot{zero.propoldstyle}\endsetslot
2136 \setslot{one.propoldstyle}\endsetslot
2137 \setslot{two.propoldstyle}\endsetslot
2138 \setslot{three.propoldstyle}\endsetslot
2139 \setslot{four.propoldstyle}\endsetslot
2140 \setslot{five.propoldstyle}\endsetslot
2141 \setslot{six.propoldstyle}\endsetslot
2142 \setslot{seven.propoldstyle}\endsetslot
2143 \setslot{eight.propoldstyle}\endsetslot
2144 \setslot{nine.propoldstyle}\endsetslot
2145 \setslot{zero.taboldstyle}\endsetslot
2146 \setslot{one.taboldstyle}\endsetslot
2147 \setslot{two.taboldstyle}\endsetslot
2148 \setslot{three.taboldstyle}\endsetslot
2149 \setslot{four.taboldstyle}\endsetslot
2150 \setslot{five.taboldstyle}\endsetslot
2151 \setslot{six.taboldstyle}\endsetslot
2152 \setslot{seven.taboldstyle}\endsetslot
2153 \setslot{eight.taboldstyle}\endsetslot
2154 \setslot{nine.taboldstyle}\endsetslot
2155 \nextslot{250}
2156 \setslot{zero.slash}\endsetslot
```

```
2157 \endencoding
```

3.2 Output Encodings

These files define modified T1 or TS1 font encodings.

The `etx` files are not used directly by \LaTeX or \TeX . Where needed, they are processed to produce `enc` files. In some cases, however, they are not themselves standalone encodings. Instead, they change how some other encoding is interpreted.

- `dotoldstyle.etx`
- `dotprop.etx`
- `dottaboldstyle.etx`
- `t1-clm.etx`

3.2.1 dotoldstyle.etx

`dotoldstyle.etx` (*etx*) A modifier which creates a font with proportional oldstyle figures.

```
2158 \relax
2159 \encoding
2160 \setcommand\digit#1{#1.oldstyle}
2161 \endencoding
```

3.2.2 dotprop.etx

`dotprop.etx` (*etx*) A modifier which creates a font with proportional lining figures.

```
2162 \relax
2163 \encoding
2164 \setcommand\digit#1{#1.prop}
2165 \endencoding
```

3.2.3 dottaboldstyle.etx

`dottaboldstyle.etx` (*etx*) A modifier which creates a font with tabular oldstyle figures.

```
2166 \relax
2167 \encoding
2168 \setcommand\digit#1{#1.taboldstyle}
2169 \endencoding
```

3.2.4 t1-clm.etx

`t1-clm.etx` (*etx*) The primary EC/T1 encoding, which creates a font with tabular lining figures.

```
2170 \relax
2171 \encoding
2172
2173 \needsfontinstversion{1.910}
2174
2175 \setcommand\lc#1#2{#2}
2176 \setcommand\uc#1#2{#1}
2177 \setcommand\lctop#1#2{#2}
2178 \setcommand\uctop#1#2{#1}
```

```

2179 \setcommand\lclig#1#2{#2}
2180 \ifisint{letterspacing}\then
2181   \ifnumber{\int{letterspacing}}={0}\then \Else
2182     \setcommand\uclig#1#2{#1spaced}
2183     \comment{Here we set \verb|\uclig#1#2| to \verb|#1spaced|, but
2184       you can't see it as \verb|\setcommand| commands are invisible in
2185       the typeset output.}
2186   \Fi
2187 \Fi
2188 \setcommand\uclig#1#2{#1}
2189 \setcommand\digit#1{#1}
2190
2191 \ifisint{monowidth}\then
2192   \setint{ligaturing}{0}
2193 \Else
2194   % The following empty line is *important* to get the formatting
2195   % right here (sigh)! (Remember that it is a \par token.)
2196
2197   \ifisint{letterspacing}\then
2198     \ifnumber{\int{letterspacing}}={0}\then \Else
2199       \setint{ligaturing}{0}
2200     \Fi
2201   \Fi
2202   \setint{ligaturing}{1}
2203 \Fi
2204
2205 \setint{italicslant}{0}
2206 \setint{quad}{1000}
2207 \setint{baselineskip}{1200}
2208
2209 \ifisglyph{x}\then
2210   \setint{xheight}{\height{x}}
2211 \Else
2212   \setint{xheight}{500}
2213 \Fi
2214
2215 \ifisglyph{space}\then
2216   \setint{interword}{\width{space}}
2217 \Else\ifisglyph{i}\then
2218   \setint{interword}{\width{i}}
2219 \Else
2220   \setint{interword}{333}
2221 \Fi\Fi
2222
2223 \ifisint{monowidth}\then
2224   \setint{stretchword}{0}
2225   \setint{shrinkword}{0}
2226   \setint{extraspace}{\int{interword}}
2227 \Else
2228   \setint{stretchword}{\scale{\int{interword}}{600}}
2229   \setint{shrinkword}{\scale{\int{interword}}{240}}
2230   \setint{extraspace}{\scale{\int{interword}}{240}}
2231 \Fi
2232
2233 \ifisglyph{X}\then
2234   \setint{capheight}{\height{X}}
2235 \Else
2236   \setint{capheight}{750}
2237 \Fi
2238
2239 \ifisglyph{d}\then

```

```

2240 \setint{ascender}{\height{d}}
2241 \Else\ifisint{capheight}\then
2242 \setint{ascender}{\int{capheight}}
2243 \Else
2244 \setint{ascender}{750}
2245 \Fi\Fi
2246
2247 \ifisglyph{Aring}\then
2248 \setint{accapheight}{\height{Aring}}
2249 \Else
2250 \setint{accapheight}{999}
2251 \Fi
2252
2253 \ifisint{descender_neg}\then
2254 \setint{descender}{\neg{\int{descender_neg}}}
2255 \Else\ifisglyph{p}\then
2256 \setint{descender}{\depth{p}}
2257 \Else
2258 \setint{descender}{250}
2259 \Fi\Fi
2260
2261 \ifisglyph{Aring}\then
2262 \setint{maxheight}{\height{Aring}}
2263 \Else
2264 \setint{maxheight}{1000}
2265 \Fi
2266
2267 \ifisint{maxdepth_neg}\then
2268 \setint{maxdepth}{\neg{\int{maxdepth_neg}}}
2269 \Else\ifisglyph{j}\then
2270 \setint{maxdepth}{\depth{j}}
2271 \Else
2272 \setint{maxdepth}{250}
2273 \Fi\Fi
2274
2275 \ifisglyph{six}\then
2276 \setint{digitwidth}{\width{six}}
2277 \Else
2278 \setint{digitwidth}{500}
2279 \Fi
2280
2281 \setint{capstem}{0} % not in AFM files
2282
2283 \setfontdimen{1}{italicslant} % italic slant
2284 \setfontdimen{2}{interword} % interword space
2285 \setfontdimen{3}{stretchword} % interword stretch
2286 \setfontdimen{4}{shrinkword} % interword shrink
2287 \setfontdimen{5}{xheight} % x-height
2288 \setfontdimen{6}{quad} % quad
2289 \setfontdimen{7}{extraspace} % extra space after .
2290 \setfontdimen{8}{capheight} % cap height
2291 \setfontdimen{9}{ascender} % ascender
2292 \setfontdimen{10}{accapheight} % accented cap height
2293 \setfontdimen{11}{descender} % descender's depth
2294 \setfontdimen{12}{maxheight} % max height
2295 \setfontdimen{13}{maxdepth} % max depth
2296 \setfontdimen{14}{digitwidth} % digit width
2297 \setfontdimen{15}{verticalstem} % dominant width of verical stems
2298 \setfontdimen{16}{baselineskip} % baselineskip
2299
2300 \ifnumber{\int{ligaturing}}<{0}\then

```

```

2301   \comment{In this case, the codingscheme can be different from the
2302     default, and therefore we refrain from setting it.}
2303 \Else
2304   \setstr{codingscheme}{EXTENDED TEX FONT ENCODING - CFR LM}
2305 \Fi
2306
2307 \setslot{\lc{Grave}{grave}}
2308   \comment{The grave accent ‘\’{}}.}
2309 \endsetslot
2310
2311 \setslot{\lc{Acute}{acute}}
2312   \comment{The acute accent ‘\’{}}.}
2313 \endsetslot
2314
2315 \setslot{\lc{Circumflex}{circumflex}}
2316   \comment{The circumflex accent ‘\^{}’}.}
2317 \endsetslot
2318
2319 \setslot{\lc{Tilde}{tilde}}
2320   \comment{The tilde accent ‘\~{}’}.}
2321 \endsetslot
2322
2323 \setslot{\lc{Dieresis}{dieresis}}
2324   \comment{The umlaut or dieresis accent ‘\”{}’}.}
2325 \endsetslot
2326
2327 \setslot{\lc{Hungarumlaut}{hungarumlaut}}
2328   \comment{The long Hungarian umlaut ‘\H{}’}.}
2329 \endsetslot
2330
2331 \setslot{\lc{Ring}{ring}}
2332   \comment{The ring accent ‘\r{}’}.}
2333 \endsetslot
2334
2335 \setslot{\lc{Caron}{caron}}
2336   \comment{The caron or h\’a\v cek accent ‘\v{}’}.}
2337 \endsetslot
2338
2339 \setslot{\lc{Breve}{breve}}
2340   \comment{The breve accent ‘\u{}’}.}
2341 \endsetslot
2342
2343 \setslot{\lc{Macron}{macron}}
2344   \comment{The macron accent ‘\={}’}.}
2345 \endsetslot
2346
2347 \setslot{\lc{Dotaccent}{dotaccent}}
2348   \comment{The dot accent ‘\.’{}’}.}
2349 \endsetslot
2350
2351 \setslot{\lc{Cedilla}{cedilla}}
2352   \comment{The cedilla accent ‘\c {}’}.}
2353 \endsetslot
2354
2355 \setslot{\lc{Ogonek}{ogonek}}
2356   \comment{The ogonek accent ‘\k {}’}.}
2357 \endsetslot
2358
2359 \setslot{quotesinglbase}
2360   \comment{A German single quote mark ‘\quotesinglbase’ similar to a comma,
2361     but with different sidebearings.}

```

```

2362 \endsetslot
2363
2364 \setslot{guilsinglleft}
2365 \comment{A French single opening quote mark '\guilsinglleft',
2366         unavailable in \plain\ \TeX.}
2367 \endsetslot
2368
2369 \setslot{guilsinglright}
2370 \comment{A French single closing quote mark '\guilsinglright',
2371         unavailable in \plain\ \TeX.}
2372 \endsetslot
2373
2374 \setslot{quotedblleft}
2375 \comment{The English opening quote mark '\, \textquotedblleft\, ' .}
2376 \endsetslot
2377
2378 \setslot{quotedblright}
2379 \comment{The English closing quote mark '\, \textquotedblright\, ' .}
2380 \endsetslot
2381
2382 \setslot{quotedblbase}
2383 \comment{A German double quote mark '\quotedblbase' similar to two commas,
2384         but with tighter letterspacing and different sidebearings.}
2385 \endsetslot
2386
2387 \setslot{guillemotleft}
2388 \comment{A French double opening quote mark '\guillemotleft',
2389         unavailable in \plain\ \TeX.}
2390 \endsetslot
2391
2392 \setslot{guillemotright}
2393 \comment{A French closing opening quote mark '\guillemotright',
2394         unavailable in \plain\ \TeX.}
2395 \endsetslot
2396
2397 \setslot{endash}
2398 \ligature{LIG}{hyphen}{emdash}
2399 \comment{The number range dash '1--9'. This is called 'rangedash' by fontinst's t1.etx,
but it needs to be called 'endash' to work right. The '\textendash'. In a monowidth font,
this
2400     might be set as '\texttt{1{-}9}' .}
2401 \endsetslot
2402
2403 \setslot{emdash}
2404 \comment{The punctuation dash 'Oh---boy.' This is calle 'punctdash' by fontinst's t1.etx,
but needs to be called 'emdash' to work right. The '\textemdash'. In a monowidth font,
this
2405     might be set as '\texttt{Oh{-}{-}boy.}' }
2406 \endsetslot
2407
2408 \setslot{cwm}
2409 \comment{An invisible glyph, with zero width and depth, but the
2410         height of lowercase letters without ascenders.
2411         It is used to stop ligaturing in words like 'shelf{}ful' .}
2412 \endsetslot
2413
2414 \setslot{perthousandzero}
2415 \comment{A glyph which is placed after '\%' to produce a
2416         'per-thousand', or twice to produce 'per-ten-thousand'.
2417         Your guess is as good as mine as to what this glyph should look
2418         like in a monowidth font.}

```

```

2419 \endsetslot
2420
2421 \setslot{\lc{dotlessI}{dotlessi}}
2422 \comment{A dotless i '\i', used to produce accented letters such as
2423     '\=\i'.}
2424 \endsetslot
2425
2426 \setslot{\lc{dotlessJ}{dotlessj}}
2427 \comment{A dotless j '\j', used to produce accented letters such as
2428     '\=\j'. Most non-\TeX\ fonts do not have this glyph.}
2429 \endsetslot
2430
2431 \ifnumber{\int{ligaturing}}<{0}\then \skipslots{5}\Else
2432
2433 \setslot{\lclig{FF}{ff}}
2434 \ifnumber{\int{ligaturing}}>{0}\then
2435     \ligature{LIG}{\lc{I}{i}}{\lclig{FFI}{ffi}}
2436     \ligature{LIG}{\lc{L}{l}}{\lclig{FFL}{ffl}}
2437     \Fi
2438 \comment{The 'ff' ligature. It should be two characters wide in a
2439     monowidth font.}
2440 \endsetslot
2441
2442 \setslot{\lclig{FI}{fi}}
2443 \comment{The 'fi' ligature. It should be two characters wide in a
2444     monowidth font.}
2445 \endsetslot
2446
2447 \setslot{\lclig{FL}{fl}}
2448 \comment{The 'fl' ligature. It should be two characters wide in a
2449     monowidth font.}
2450 \endsetslot
2451
2452 \setslot{\lclig{FFI}{ffi}}
2453 \comment{The 'ffi' ligature. It should be three characters wide in a
2454     monowidth font.}
2455 \endsetslot
2456
2457 \setslot{\lclig{FFL}{ffl}}
2458 \comment{The 'ffl' ligature. It should be three characters wide in a
2459     monowidth font.}
2460 \endsetslot
2461
2462 \Fi
2463
2464 \setslot{uni2423}
2465 \comment{A visible space glyph '\textvisiblespace'.}
2466 \endsetslot
2467
2468 \setslot{exclam}
2469 \ligature{LIG}{\quoteleft}{exclamdown}
2470 \comment{The exclamation mark '!'.}
2471 \endsetslot
2472
2473 \setslot{quotedbl}
2474 \comment{The 'neutral' double quotation mark '\,\textquotedbl\,',
2475     included for use in monowidth fonts, or for setting computer
2476     programs. Note that the inclusion of this glyph in this slot
2477     means that \TeX\ documents which used '{\tt\char"\}' as an
2478     input character will no longer work.}
2479 \endsetslot

```

```
2480
2481 \setslot{numbersign}
2482   \comment{The hash sign '\#'.}
2483 \endsetslot
2484
2485 \setslot{dollar}
2486   \comment{The dollar sign '\$'.}
2487 \endsetslot
2488
2489 \setslot{percent}
2490   \comment{The percent sign '\%'.}
2491 \endsetslot
2492
2493 \setslot{ampersand}
2494   \comment{The ampersand sign '\&'.}
2495 \endsetslot
2496
2497 \setslot{quoteright}
2498   \ligature{LIG}{quoteright}{quotedblright}
2499   \comment{The English closing single quote mark '\,\textquoteright\,'.}
2500 \endsetslot
2501
2502 \setslot{parenleft}
2503   \comment{The opening parenthesis '('}.}
2504 \endsetslot
2505
2506 \setslot{parenright}
2507   \comment{The closing parenthesis ')'}.}
2508 \endsetslot
2509
2510 \setslot{asterisk}
2511   \comment{The raised asterisk '*'.}
2512 \endsetslot
2513
2514 \setslot{plus}
2515   \comment{The addition sign '+'}.}
2516 \endsetslot
2517
2518 \setslot{comma}
2519   \ligature{LIG}{comma}{quotedblbase}
2520   \comment{The comma ','}.}
2521 \endsetslot
2522
2523 \setslot{hyphen}
2524   \ligature{LIG}{hyphen}{endash}
2525   \ligature{LIG}{hyphen.alt}{hyphen.alt}
2526   \comment{The hyphen '-'}.}
2527 \endsetslot
2528
2529 \setslot{period}
2530   \comment{The period '.'}.}
2531 \endsetslot
2532
2533 \setslot{slash}
2534   \comment{The forward oblique '/'}.}
2535 \endsetslot
2536
2537 \setslot{\digit{zero}}
2538   \comment{The number '0'. This (and all the other numerals) may be
2539     old style or ranging digits.}
2540 \endsetslot
```



```
2541
2542 \setslot{\digit{one}}
2543   \comment{The number '1'.}
2544 \endsetslot
2545
2546 \setslot{\digit{two}}
2547   \comment{The number '2'.}
2548 \endsetslot
2549
2550 \setslot{\digit{three}}
2551   \comment{The number '3'.}
2552 \endsetslot
2553
2554 \setslot{\digit{four}}
2555   \comment{The number '4'.}
2556 \endsetslot
2557
2558 \setslot{\digit{five}}
2559   \comment{The number '5'.}
2560 \endsetslot
2561
2562 \setslot{\digit{six}}
2563   \comment{The number '6'.}
2564 \endsetslot
2565
2566 \setslot{\digit{seven}}
2567   \comment{The number '7'.}
2568 \endsetslot
2569
2570 \setslot{\digit{eight}}
2571   \comment{The number '8'.}
2572 \endsetslot
2573
2574 \setslot{\digit{nine}}
2575   \comment{The number '9'.}
2576 \endsetslot
2577
2578 \setslot{colon}
2579   \comment{The colon punctuation mark ':'..}
2580 \endsetslot
2581
2582 \setslot{semicolon}
2583   \comment{The semi-colon punctuation mark ';'..}
2584 \endsetslot
2585
2586 \setslot{less}
2587   \ligature{LIG}{less}{guillemotleft}
2588   \comment{The less-than sign '\textless'..}
2589 \endsetslot
2590
2591 \setslot{equal}
2592   \comment{The equals sign '='..}
2593 \endsetslot
2594
2595 \setslot{greater}
2596   \ligature{LIG}{greater}{guillemotright}
2597   \comment{The greater-than sign '\textgreater'..}
2598 \endsetslot
2599
2600 \setslot{question}
2601   \ligature{LIG}{quoteleft}{questiondown}
```

```
2602 \comment{The question mark '?' .}
2603 \endsetslot
2604
2605 \setslot{at}
2606 \comment{The at sign '@' .}
2607 \endsetslot
2608
2609 \setslot{\uc{A}{a}}
2610 \comment{The letter '{A}' .}
2611 \endsetslot
2612
2613 \setslot{\uc{B}{b}}
2614 \comment{The letter '{B}' .}
2615 \endsetslot
2616
2617 \setslot{\uc{C}{c}}
2618 \comment{The letter '{C}' .}
2619 \endsetslot
2620
2621 \setslot{\uc{D}{d}}
2622 \comment{The letter '{D}' .}
2623 \endsetslot
2624
2625 \setslot{\uc{E}{e}}
2626 \comment{The letter '{E}' .}
2627 \endsetslot
2628
2629 \setslot{\uc{F}{f}}
2630 \comment{The letter '{F}' .}
2631 \endsetslot
2632
2633 \setslot{\uc{G}{g}}
2634 \comment{The letter '{G}' .}
2635 \endsetslot
2636
2637 \setslot{\uc{H}{h}}
2638 \comment{The letter '{H}' .}
2639 \endsetslot
2640
2641 \ifnumber{\int{ligaturing}}<{-1}\then \skipslots{1}\Else
2642
2643 \setslot{\uc{I}{i}}
2644 \comment{The letter '{I}' .}
2645 \endsetslot
2646
2647 \Fi
2648
2649 \setslot{\uc{J}{j}}
2650 \comment{The letter '{J}' .}
2651 \endsetslot
2652
2653 \setslot{\uc{K}{k}}
2654 \comment{The letter '{K}' .}
2655 \endsetslot
2656
2657 \setslot{\uc{L}{l}}
2658 \comment{The letter '{L}' .}
2659 \endsetslot
2660
2661 \setslot{\uc{M}{m}}
2662 \comment{The letter '{M}' .}
```

```
2663 \endsetslot
2664
2665 \setslot{\uc{N}{n}}
2666   \comment{The letter '{N}' .}
2667 \endsetslot
2668
2669 \setslot{\uc{O}{o}}
2670   \comment{The letter '{O}' .}
2671 \endsetslot
2672
2673 \setslot{\uc{P}{p}}
2674   \comment{The letter '{P}' .}
2675 \endsetslot
2676
2677 \setslot{\uc{Q}{q}}
2678   \comment{The letter '{Q}' .}
2679 \endsetslot
2680
2681 \setslot{\uc{R}{r}}
2682   \comment{The letter '{R}' .}
2683 \endsetslot
2684
2685 \setslot{\uc{S}{s}}
2686   \comment{The letter '{S}' .}
2687 \endsetslot
2688
2689 \setslot{\uc{T}{t}}
2690   \comment{The letter '{T}' .}
2691 \endsetslot
2692
2693 \setslot{\uc{U}{u}}
2694   \comment{The letter '{U}' .}
2695 \endsetslot
2696
2697 \setslot{\uc{V}{v}}
2698   \comment{The letter '{V}' .}
2699 \endsetslot
2700
2701 \setslot{\uc{W}{w}}
2702   \comment{The letter '{W}' .}
2703 \endsetslot
2704
2705 \setslot{\uc{X}{x}}
2706   \comment{The letter '{X}' .}
2707 \endsetslot
2708
2709 \setslot{\uc{Y}{y}}
2710   \comment{The letter '{Y}' .}
2711 \endsetslot
2712
2713 \setslot{\uc{Z}{z}}
2714   \comment{The letter '{Z}' .}
2715 \endsetslot
2716
2717 \setslot{bracketleft}
2718   \comment{The opening square bracket '[' .}
2719 \endsetslot
2720
2721 \setslot{backslash}
2722   \comment{The backwards oblique '\textbackslash' .}
2723 \endsetslot
```

```

2724
2725 \setslot{bracketright}
2726   \comment{The closing square bracket ']'}.}
2727 \endsetslot
2728
2729 \setslot{asciicircum}
2730   \comment{The ASCII upward-pointing arrow head '\textasciicircum'.
2731     This is included for compatibility with typewriter fonts used
2732     for computer listings.}
2733 \endsetslot
2734
2735 \setslot{underscore}
2736   \comment{The ASCII underline character '\textunderscore', usually
2737     set on the baseline.
2738     This is included for compatibility with typewriter fonts used
2739     for computer listings.}
2740 \endsetslot
2741
2742 \setslot{quoteleft}
2743   \ligature{LIG}{quoteleft}{quotedblleft}
2744   \comment{The English opening single quote mark '\,\textquoteleft\,'}.}
2745 \endsetslot
2746
2747 \setslot{\lc{A}{a}}
2748   \comment{The letter '{a}'}.}
2749 \endsetslot
2750
2751 \setslot{\lc{B}{b}}
2752   \comment{The letter '{b}'}.}
2753 \endsetslot
2754
2755 \ifnumber{\int{ligaturing}}<{-1}\then \skipslots{1}\Else
2756
2757   \setslot{\lc{C}{c}}
2758     \comment{The letter '{c}'}.}
2759   \endsetslot
2760
2761 \Fi
2762
2763 \setslot{\lc{D}{d}}
2764   \comment{The letter '{d}'}.}
2765 \endsetslot
2766
2767 \setslot{\lc{E}{e}}
2768   \comment{The letter '{e}'}.}
2769 \endsetslot
2770
2771 \ifnumber{\int{ligaturing}}<{-1}\then \skipslots{1}\Else
2772
2773   \setslot{\lc{F}{f}}
2774     \ifnumber{\int{ligaturing}}>{0}\then
2775       \ligature{LIG}{\lc{I}{i}}{\lclig{FI}{fi}}
2776       \ligature{LIG}{\lc{F}{f}}{\lclig{FF}{ff}}
2777       \ligature{LIG}{\lc{L}{l}}{\lclig{FL}{fl}}
2778     \Fi
2779     \comment{The letter '{f}'}.}
2780   \endsetslot
2781
2782 \Fi
2783
2784 \setslot{\lc{G}{g}}

```

```

2785   \comment{The letter '{g}'..}
2786 \endsetslot
2787
2788 \setslot{\lc{H}{h}}
2789   \comment{The letter '{h}'..}
2790 \endsetslot
2791
2792 \ifnumber{\int{ligaturing}}<{-1}\then \skipslots{1}\Else
2793
2794   \setslot{\lc{I}{i}}
2795     \comment{The letter '{i}'..}
2796   \endsetslot
2797
2798 \Fi
2799
2800 \setslot{\lc{J}{j}}
2801   \comment{The letter '{j}'..}
2802 \endsetslot
2803
2804 \setslot{\lc{K}{k}}
2805   \comment{The letter '{k}'..}
2806 \endsetslot
2807
2808 \setslot{\lc{L}{l}}
2809   \comment{The letter '{l}'..}
2810 \endsetslot
2811
2812 \setslot{\lc{M}{m}}
2813   \comment{The letter '{m}'..}
2814 \endsetslot
2815
2816 \setslot{\lc{N}{n}}
2817   \comment{The letter '{n}'..}
2818 \endsetslot
2819
2820 \setslot{\lc{O}{o}}
2821   \comment{The letter '{o}'..}
2822 \endsetslot
2823
2824 \setslot{\lc{P}{p}}
2825   \comment{The letter '{p}'..}
2826 \endsetslot
2827
2828 \setslot{\lc{Q}{q}}
2829   \comment{The letter '{q}'..}
2830 \endsetslot
2831
2832 \setslot{\lc{R}{r}}
2833   \comment{The letter '{r}'..}
2834 \endsetslot
2835
2836 \ifnumber{\int{ligaturing}}<{-1}\then \skipslots{1}\Else
2837
2838   \setslot{\lc{S}{s}}
2839     \comment{The letter '{s}'..}
2840   \endsetslot
2841
2842 \Fi
2843
2844 \setslot{\lc{T}{t}}
2845   \comment{The letter '{t}'..}

```

```

2846 \endsetslot
2847
2848 \setslot{\lc{U}{u}}
2849   \comment{The letter '{u}'.}
2850 \endsetslot
2851
2852 \setslot{\lc{V}{v}}
2853   \comment{The letter '{v}'.}
2854 \endsetslot
2855
2856 \setslot{\lc{W}{w}}
2857   \comment{The letter '{w}'.}
2858 \endsetslot
2859
2860 \setslot{\lc{X}{x}}
2861   \comment{The letter '{x}'.}
2862 \endsetslot
2863
2864 \setslot{\lc{Y}{y}}
2865   \comment{The letter '{y}'.}
2866 \endsetslot
2867
2868 \setslot{\lc{Z}{z}}
2869   \comment{The letter '{z}'.}
2870 \endsetslot
2871
2872 \setslot{braceleft}
2873   \comment{The opening curly brace '\textbraceleft'.}
2874 \endsetslot
2875
2876 \setslot{bar}
2877   \comment{The ASCII vertical bar '\textbar'.
2878           This is included for compatibility with typewriter fonts used
2879           for computer listings.}
2880 \endsetslot
2881
2882 \setslot{braceright}
2883   \comment{The closing curly brace '\textbraceright'.}
2884 \endsetslot
2885
2886 \setslot{asciitilde}
2887   \comment{The ASCII tilde '\textasciitilde'.
2888           This is included for compatibility with typewriter fonts used
2889           for computer listings.}
2890 \endsetslot
2891
2892 \setslot{hyphen.alt}
2893   \comment{The glyph used for hyphenation in this font, which will
2894           almost always be the same as 'hyphen'.}
2895 \endsetslot
2896
2897 \setslot{\uctop{Abreve}{abreve}}
2898   \comment{The letter '\u A'.}
2899 \endsetslot
2900
2901 \setslot{\uc{Aogonek}{aogonek}}
2902   \comment{The letter '\k A'.}
2903 \endsetslot
2904
2905 \setslot{\uctop{Cacute}{cacute}}
2906   \comment{The letter '\ ' C'.}

```

```

2907 \endsetslot
2908
2909 \setslot{\uctop{Ccaron}{ccaron}}
2910   \comment{The letter ‘\v C’..}
2911 \endsetslot
2912
2913 \setslot{\uctop{Dcaron}{dcaron}}
2914   \comment{The letter ‘\v D’..}
2915 \endsetslot
2916
2917 \setslot{\uctop{Ecaron}{ecaron}}
2918   \comment{The letter ‘\v E’..}
2919 \endsetslot
2920
2921 \setslot{\uc{Eogonek}{eogonek}}
2922   \comment{The letter ‘\k E’..}
2923 \endsetslot
2924
2925 \setslot{\uctop{Gbreve}{gbreve}}
2926   \comment{The letter ‘\u G’..}
2927 \endsetslot
2928
2929 \setslot{\uctop{Lacute}{lacute}}
2930   \comment{The letter ‘\’ L’..}
2931 \endsetslot
2932
2933 \setslot{\uc{Lcaron}{lcaron}}
2934   \comment{The letter ‘\v L’..}
2935 \endsetslot
2936
2937 \setslot{\uc{Lslash}{lslash}}
2938   \comment{The letter ‘\L’..}
2939 \endsetslot
2940
2941 \setslot{\uctop{Nacute}{nacute}}
2942   \comment{The letter ‘\’ N’..}
2943 \endsetslot
2944
2945 \setslot{\uctop{Ncaron}{ncaron}}
2946   \comment{The letter ‘\v N’..}
2947 \endsetslot
2948
2949 \setslot{\uc{Eng}{eng}}
2950   \comment{The Sami letter ‘\NG’. It is unavailable in \plain\ \TeX. This needs to be
        called ‘Eng’/‘eng’ rather than ‘Ng’/‘ng’ as in t1.etx in most cases, it seems.}
2951 \endsetslot
2952
2953 \setslot{\uctop{Ohungarumlaut}{ohungarumlaut}}
2954   \comment{The letter ‘\H O’..}
2955 \endsetslot
2956
2957 \setslot{\uctop{Racute}{racute}}
2958   \comment{The letter ‘\’ R’..}
2959 \endsetslot
2960
2961 \setslot{\uctop{Rcaron}{rcaron}}
2962   \comment{The letter ‘\v R’..}
2963 \endsetslot
2964
2965 \setslot{\uctop{Sacute}{sacute}}
2966   \comment{The letter ‘\’ S’..}

```

```

2967 \endsetslot
2968
2969 \setslot{\uctop{Scaron}{scaron}}
2970   \comment{The letter ‘\v S’..}
2971 \endsetslot
2972
2973 \setslot{\uc{Scedilla}{scedilla}}
2974   \comment{The letter ‘\c S’..}
2975 \endsetslot
2976
2977 \setslot{\uctop{Tcaron}{tcaron}}
2978   \comment{The letter ‘\v T’..}
2979 \endsetslot
2980
2981 \setslot{\uc{Tcedilla}{tcedilla}}
2982   \comment{The letter ‘\c T’..}
2983 \endsetslot
2984
2985 \setslot{\uctop{Uhungarumlaut}{uhungarumlaut}}
2986   \comment{The letter ‘\H U’..}
2987 \endsetslot
2988
2989 \setslot{\uctop{Uring}{uring}}
2990   \comment{The letter ‘\r U’..}
2991 \endsetslot
2992
2993 \setslot{\uctop{Ydieresis}{ydieresis}}
2994   \comment{The letter ‘\ " Y’..}
2995 \endsetslot
2996
2997 \setslot{\uctop{Zacute}{zacute}}
2998   \comment{The letter ‘\ ’ Z’..}
2999 \endsetslot
3000
3001 \setslot{\uctop{Zcaron}{zcaron}}
3002   \comment{The letter ‘\v Z’..}
3003 \endsetslot
3004
3005 \setslot{\uctop{Zdotaccent}{zdotaccent}}
3006   \comment{The letter ‘\ . Z’..}
3007 \endsetslot
3008
3009 \ifnumber{\int{ligaturing}}<{0}\then \skipslots{1}\Else
3010
3011   \setslot{\uclig{IJ}{ij}}
3012     \comment{The letter ‘IJ’. This is a single letter, and in a
3013       monowidth font should ideally be one letter wide..}
3014   \endsetslot
3015
3016 \Fi
3017
3018 \setslot{\uctop{Idotaccent}{idotaccent}}
3019   \comment{The letter ‘\ . I’..}
3020 \endsetslot
3021
3022 \setslot{\lc{Dcroat}{dcroat}}
3023   \comment{The letter ‘\dj’..}
3024 \endsetslot
3025
3026 \setslot{section}
3027   \comment{The section mark ‘\textsection’..}

```



```

3028 \endsetslot
3029
3030 \setslot{\lctop{Abreve}{abreve}}
3031   \comment{The letter ‘\u a’..}
3032 \endsetslot
3033
3034 \setslot{\lc{Aogonek}{aogonek}}
3035   \comment{The letter ‘\k a’..}
3036 \endsetslot
3037
3038 \setslot{\lctop{Cacute}{cacute}}
3039   \comment{The letter ‘\’ c’..}
3040 \endsetslot
3041
3042 \setslot{\lctop{Ccaron}{ccaron}}
3043   \comment{The letter ‘\v c’..}
3044 \endsetslot
3045
3046 \setslot{\lctop{Dcaron}{dcaron}}
3047   \comment{The letter ‘\v d’..}
3048 \endsetslot
3049
3050 \setslot{\lctop{Ecaron}{ecaron}}
3051   \comment{The letter ‘\v e’..}
3052 \endsetslot
3053
3054 \setslot{\lc{Eogonek}{eogonek}}
3055   \comment{The letter ‘\k e’..}
3056 \endsetslot
3057
3058 \setslot{\lctop{Gbreve}{gbreve}}
3059   \comment{The letter ‘\u g’..}
3060 \endsetslot
3061
3062 \setslot{\lctop{Lacute}{lacute}}
3063   \comment{The letter ‘\’ l’..}
3064 \endsetslot
3065
3066 \setslot{\lc{Lcaron}{lcaron}}
3067   \comment{The letter ‘\v l’..}
3068 \endsetslot
3069
3070 \setslot{\lc{Lslash}{lslash}}
3071   \comment{The letter ‘\l’..}
3072 \endsetslot
3073
3074 \setslot{\lctop{Nacute}{nacute}}
3075   \comment{The letter ‘\’ n’..}
3076 \endsetslot
3077
3078 \setslot{\lctop{Ncaron}{ncaron}}
3079   \comment{The letter ‘\v n’..}
3080 \endsetslot
3081
3082 \setslot{\lc{Eng}{eng}}
3083   \comment{The Sami letter ‘\ng’. It is unavailable in \plain\ \TeX. This needs to be
        called ‘Eng’/‘eng’ rather than ‘Ng’/‘ng’ as it is in tl.etx in most cases, it seems.}
3084 \endsetslot
3085
3086 \setslot{\lctop{Ohungarumlaut}{ohungarumlaut}}
3087   \comment{The letter ‘\H o’..}

```

```

3088 \endsetslot
3089
3090 \setslot{\lctop{Racute}{racute}}
3091   \comment{The letter '\ r'.}
3092 \endsetslot
3093
3094 \setslot{\lctop{Rcaron}{rcaron}}
3095   \comment{The letter '\v r'.}
3096 \endsetslot
3097
3098 \setslot{\lctop{Sacute}{sacute}}
3099   \comment{The letter '\ s'.}
3100 \endsetslot
3101
3102 \setslot{\lctop{Scaron}{scaron}}
3103   \comment{The letter '\v s'.}
3104 \endsetslot
3105
3106 \setslot{\lc{Scedilla}{scedilla}}
3107   \comment{The letter '\c s'.}
3108 \endsetslot
3109
3110 \setslot{\lctop{Tcaron}{tcaron}}
3111   \comment{The letter '\v t'.}
3112 \endsetslot
3113
3114 \setslot{\lc{Tcedilla}{tcedilla}}
3115   \comment{The letter '\c t'.}
3116 \endsetslot
3117
3118 \setslot{\lctop{Uhungarumlaut}{uhungarumlaut}}
3119   \comment{The letter '\H u'.}
3120 \endsetslot
3121
3122 \setslot{\lctop{Uring}{uring}}
3123   \comment{The letter '\r u'.}
3124 \endsetslot
3125
3126 \setslot{\lctop{Ydieresis}{ydieresis}}
3127   \comment{The letter '\ " y'.}
3128 \endsetslot
3129
3130 \setslot{\lctop{Zacute}{zacute}}
3131   \comment{The letter '\ z'.}
3132 \endsetslot
3133
3134 \setslot{\lctop{Zcaron}{zcaron}}
3135   \comment{The letter '\v z'.}
3136 \endsetslot
3137
3138 \setslot{\lctop{Zdotaccent}{zdotaccent}}
3139   \comment{The letter '\. z'.}
3140 \endsetslot
3141
3142 \ifnumber{\int{ligaturing}}<{0}\then \skipslots{1}\Else
3143
3144   \setslot{\lclig{IJ}{ij}}
3145     \comment{The letter 'ij'. This is a single letter, and in a
3146       monowidth font should ideally be one letter wide.}
3147   \endsetslot
3148

```

```
3149 \Fi
3150
3151 \setslot{exclamdown}
3152   \comment{The Spanish punctuation mark '!' .}
3153 \endsetslot
3154
3155 \setslot{questiondown}
3156   \comment{The Spanish punctuation mark '?' .}
3157 \endsetslot
3158
3159 \setslot{sterling}
3160   \comment{The British currency mark '\textsterling' .}
3161 \endsetslot
3162
3163 \setslot{\uctop{Agrave}{agrave}}
3164   \comment{The letter '\grave A' .}
3165 \endsetslot
3166
3167 \setslot{\uctop{Aacute}{aacute}}
3168   \comment{The letter '\acute A' .}
3169 \endsetslot
3170
3171 \setslot{\uctop{Acircumflex}{acircumflex}}
3172   \comment{The letter '\^ A' .}
3173 \endsetslot
3174
3175 \setslot{\uctop{Atilde}{atilde}}
3176   \comment{The letter '\~ A' .}
3177 \endsetslot
3178
3179 \setslot{\uctop{Adieresis}{adieresis}}
3180   \comment{The letter '\" A' .}
3181 \endsetslot
3182
3183 \setslot{\uctop{Aring}{aring}}
3184   \comment{The letter '\r A' .}
3185 \endsetslot
3186
3187 \setslot{\uc{AE}{ae}}
3188   \comment{The letter '\AE' . This is a single letter, and should not be
3189     faked with 'AE' .}
3190 \endsetslot
3191
3192 \setslot{\uc{Ccedilla}{ccedilla}}
3193   \comment{The letter '\c C' .}
3194 \endsetslot
3195
3196 \setslot{\uctop{Egrave}{egrave}}
3197   \comment{The letter '\grave E' .}
3198 \endsetslot
3199
3200 \setslot{\uctop{Eacute}{eacute}}
3201   \comment{The letter '\acute E' .}
3202 \endsetslot
3203
3204 \setslot{\uctop{Ecircumflex}{ecircumflex}}
3205   \comment{The letter '\^ E' .}
3206 \endsetslot
3207
3208 \setslot{\uctop{Edieresis}{edieresis}}
3209   \comment{The letter '\" E' .}
```

```

3210 \endsetslot
3211
3212 \setslot{\uctop{Igrave}{igrave}}
3213   \comment{The letter '\` I'.}
3214 \endsetslot
3215
3216 \setslot{\uctop{Iacute}{iacute}}
3217   \comment{The letter '\` I'.}
3218 \endsetslot
3219
3220 \setslot{\uctop{Icircumflex}{icircumflex}}
3221   \comment{The letter '\^ I'.}
3222 \endsetslot
3223
3224 \setslot{\uctop{Idieresis}{idieresis}}
3225   \comment{The letter '\ " I'.}
3226 \endsetslot
3227
3228 \setslot{\uc{Eth}{eth}}
3229   \comment{The uppercase Icelandic letter 'Eth' similar to a 'D'
3230     with a horizontal bar through the stem. It is unavailable
3231     in \plain\ \TeX.}
3232 \endsetslot
3233
3234 \setslot{\uctop{Ntilde}{ntilde}}
3235   \comment{The letter '\~ N'.}
3236 \endsetslot
3237
3238 \setslot{\uctop{Ograve}{ograve}}
3239   \comment{The letter '\` O'.}
3240 \endsetslot
3241
3242 \setslot{\uctop{Oacute}{oacute}}
3243   \comment{The letter '\` O'.}
3244 \endsetslot
3245
3246 \setslot{\uctop{Ocircumflex}{ocircumflex}}
3247   \comment{The letter '\^ O'.}
3248 \endsetslot
3249
3250 \setslot{\uctop{Otilde}{otilde}}
3251   \comment{The letter '\~ O'.}
3252 \endsetslot
3253
3254 \setslot{\uctop{Odieresis}{odieresis}}
3255   \comment{The letter '\ " O'.}
3256 \endsetslot
3257
3258 \setslot{\uc{OE}{oe}}
3259   \comment{The letter '\OE'. This is a single letter, and should not be
3260     faked with 'OE'.}
3261 \endsetslot
3262
3263 \setslot{\uc{Oslash}{oslash}}
3264   \comment{The letter '\O'.}
3265 \endsetslot
3266
3267 \setslot{\uctop{Ugrave}{ugrave}}
3268   \comment{The letter '\` U'.}
3269 \endsetslot
3270

```

```

3271 \setslot{\uctop{Uacute}{uacute}}
3272   \comment{The letter ‘\’ U’}
3273 \endsetslot
3274
3275 \setslot{\uctop{Ucircumflex}{ucircumflex}}
3276   \comment{The letter ‘\^ U’}
3277 \endsetslot
3278
3279 \setslot{\uctop{Udieresis}{udieresis}}
3280   \comment{The letter ‘\” U’}
3281 \endsetslot
3282
3283 \setslot{\uctop{Yacute}{yacute}}
3284   \comment{The letter ‘\’ Y’}
3285 \endsetslot
3286
3287 \setslot{\uc{Thorn}{thorn}}
3288   \comment{The Icelandic capital letter Thorn, similar to a ‘P’
3289     with the bowl moved down. It is unavailable in \plain\ TeX.}
3290 \endsetslot
3291
3292 \setslot{\uclig{Germandbls}{germandbls}}
3293   \comment{The ligature ‘SS’, used to give an upper case ‘\ss’.
3294     In a monowidth font it should be two letters wide.}
3295 \endsetslot
3296
3297 \setslot{\lctop{Agrave}{agrave}}
3298   \comment{The letter ‘\‘ a’}
3299 \endsetslot
3300
3301 \setslot{\lctop{Aacute}{aacute}}
3302   \comment{The letter ‘\’ a’}
3303 \endsetslot
3304
3305 \setslot{\lctop{Acircumflex}{acircumflex}}
3306   \comment{The letter ‘\^ a’}
3307 \endsetslot
3308
3309 \setslot{\lctop{Atilde}{atilde}}
3310   \comment{The letter ‘\~ a’}
3311 \endsetslot
3312
3313 \setslot{\lctop{Adieresis}{adieresis}}
3314   \comment{The letter ‘\” a’}
3315 \endsetslot
3316
3317 \setslot{\lctop{Aring}{aring}}
3318   \comment{The letter ‘\r a’}
3319 \endsetslot
3320
3321 \setslot{\lc{AE}{ae}}
3322   \comment{The letter ‘\ae’. This is a single letter, and should not be
3323     faked with ‘ae’}
3324 \endsetslot
3325
3326 \setslot{\lc{Ccedilla}{ccedilla}}
3327   \comment{The letter ‘\c c’}
3328 \endsetslot
3329
3330 \setslot{\lctop{Egrave}{egrave}}
3331   \comment{The letter ‘\‘ e’}

```

```

3332 \endsetslot
3333
3334 \setslot{\lctop{Eacute}{eacute}}
3335   \comment{The letter '\ e'.}
3336 \endsetslot
3337
3338 \setslot{\lctop{Ecircumflex}{ecircumflex}}
3339   \comment{The letter '\^ e'.}
3340 \endsetslot
3341
3342 \setslot{\lctop{Edieresis}{edieresis}}
3343   \comment{The letter '\ " e'.}
3344 \endsetslot
3345
3346 \setslot{\lctop{Igrave}{igrave}}
3347   \comment{The letter '\ `i'.}
3348 \endsetslot
3349
3350 \setslot{\lctop{Iacute}{iacute}}
3351   \comment{The letter '\ `i'.}
3352 \endsetslot
3353
3354 \setslot{\lctop{Icircumflex}{icircumflex}}
3355   \comment{The letter '\ ^i'.}
3356 \endsetslot
3357
3358 \setslot{\lctop{Idieresis}{idieresis}}
3359   \comment{The letter '\ "i'.}
3360 \endsetslot
3361
3362 \setslot{\lc{Eth}{eth}}
3363   \comment{The Icelandic lowercase letter 'eth' similar to
3364     a '$\partial$' with an oblique bar through the stem.
3365     It is unavailable in \plain\ \TeX.}
3366 \endsetslot
3367
3368 \setslot{\lctop{Ntilde}{ntilde}}
3369   \comment{The letter '\~ n'.}
3370 \endsetslot
3371
3372 \setslot{\lctop{Ograve}{ograve}}
3373   \comment{The letter '\ ` o'.}
3374 \endsetslot
3375
3376 \setslot{\lctop{Oacute}{oacute}}
3377   \comment{The letter '\ ` o'.}
3378 \endsetslot
3379
3380 \setslot{\lctop{Ocircumflex}{ocircumflex}}
3381   \comment{The letter '\^ o'.}
3382 \endsetslot
3383
3384 \setslot{\lctop{Otilde}{otilde}}
3385   \comment{The letter '\~ o'.}
3386 \endsetslot
3387
3388 \setslot{\lctop{Odieresis}{odieresis}}
3389   \comment{The letter '\ " o'.}
3390 \endsetslot
3391
3392 \setslot{\lc{OE}{oe}}

```

```

3393   \comment{The letter ‘\oe’. This is a single letter, and should not be
3394     faked with ‘oe’..}
3395 \endsetslot
3396
3397 \setslot{\lc{Oslash}{oslash}}
3398   \comment{The letter ‘\o’..}
3399 \endsetslot
3400
3401 \setslot{\lctop{Ugrave}{ugrave}}
3402   \comment{The letter ‘\’ u’..}
3403 \endsetslot
3404
3405 \setslot{\lctop{Uacute}{uacute}}
3406   \comment{The letter ‘\’ u’..}
3407 \endsetslot
3408
3409 \setslot{\lctop{Ucircumflex}{ucircumflex}}
3410   \comment{The letter ‘\^ u’..}
3411 \endsetslot
3412
3413 \setslot{\lctop{Udieresis}{udieresis}}
3414   \comment{The letter ‘\” u’..}
3415 \endsetslot
3416
3417 \setslot{\lctop{Yacute}{yacute}}
3418   \comment{The letter ‘\’ y’..}
3419 \endsetslot
3420
3421 \setslot{\lc{Thorn}{thorn}}
3422   \comment{The Icelandic lowercase letter ‘thorn’, similar to a ‘p’
3423     with an ascender rising from the stem. It is unavailable
3424     in \plain\ \TeX..}
3425 \endsetslot
3426
3427 \setslot{\lc{Germandbls}{germandbls}}
3428   \comment{The letter ‘\ss’..}
3429 \endsetslot
3430
3431 \endencoding

```

Change History

v1.7		Change order of substitutions for scs1. . . 2
	clm-t1-drv.tex: \fontinstcc and \normalcc required to ensure @ treated correctly. 8	Substitute bold extended for bold in case later kernels break nfssect-cfr patch. . . 2

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\backslash "	<i>2324, 2477, 2994, 3127,</i> <i>3180, 3209, 3225,</i>		\backslash #	<i>2482</i>
			\backslash &	<i>2494</i>

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