

The inputenx package

Heiko Oberdiek
<oberdiek@uni-freiburg.de>

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Abstract

This package provides input encodings using standard mappings and covers nearly all slots. Thus it serves as more uptodate replacement for package inputenc.

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| [2007/04/11 v1.1] | | 101 |
| [2007/06/16 v1.2] | | 101 |
| [2007/08/16 v1.3] | | 101 |
| [2009/08/13 v1.4] | | 101 |
| [2009/12/15 v1.5] | | 101 |
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1 Documentation

The main goal was to have a package allows the selection and defining input encodings by the characters in question itself.

The first stage with encoding definition files is implemented. Encoding definition files are provided with the following properties in comparison to \LaTeX 's ones:

- More uptodate and closer to the standards. Updating \LaTeX is difficult because of compatibility issues. However this project uses fresh encoding file names, prefixed with `x-`.
- Consequent use of `\DeclareInputText` as suggested by the second edition of “The \LaTeX Companion” [1]. That means that the deprecated `\DeclareInputMath` is not longer used. Instead package `inpmath` is supported by providing declarations using `\DeclareMathMeaning`.

The second stage that allows selection of input encoding by mappings between the characters and their glyph names is implemented by package `selinput` [3].

1.1 Definition files

The input encoding definition files are prefixed with `x-` to distinguish them from the names package `inputenc` uses. The definition files of `inputenx` may also be used by package `inputenc`, eg.:

```
\usepackage[x-iso-8859-1]{inputenc}
```

As option for package `inputenx` the prefix may be dropped:

```
\usepackage[iso-8859-1]{inputenx}
```

The following definition files are available. The second column lists alternative option names for `inputenx`:

| | | |
|---------------------------------|---|---|
| <code>x-ascii.def</code> | <code>ascii</code> , <code>us-ascii</code> , <code>clean7bit</code> , <code>ascii-print</code> , <code>ascii-printable</code> | ASCII encoding, 8bit characters disabled |
| <code>x-atarist.def</code> | <code>atarist</code> , <code>atari</code> | AtariST encoding |
| <code>x-cp437.def</code> | <code>cp437</code> , <code>cp437de</code> | Code page 437 |
| <code>x-cp850.def</code> | <code>cp850</code> | Code page 850 |
| <code>x-cp852.def</code> | <code>cp852</code> | Code page 852 |
| <code>x-cp855.def</code> | <code>cp855</code> | Code page 855 |
| <code>x-cp858.def</code> | <code>cp858</code> | Code page 858 |
| <code>x-cp865.def</code> | <code>cp865</code> | Code page 865 |
| <code>x-cp866.def</code> | <code>cp866</code> | Code page 866 |
| <code>x-cp1250.def</code> | <code>cp1250</code> | Code page 1250 |
| <code>x-cp1251.def</code> | <code>cp1251</code> | Code page 1251 |
| <code>x-cp1252.def</code> | <code>cp1252</code> , <code>ansinew</code> | Code page 1252 |
| <code>x-cp1257.def</code> | <code>cp1257</code> | Code page 1257 |
| <code>x-dec-mcs.def</code> | <code>dec-mcs</code> , <code>decmulti</code> | DEC Multinational |
| <code>x-koi8-r.def</code> | <code>koi8-r</code> | KOI8-R (RFC1489) |
| <code>x-iso-8859-1.def</code> | <code>iso-8859-1</code> , <code>latin1</code> | ISO-8859-1 |
| <code>x-iso-8859-2.def</code> | <code>iso-8859-2</code> , <code>latin2</code> | ISO-8859-2 |
| <code>x-iso-8859-3.def</code> | <code>iso-8859-3</code> , <code>latin3</code> | ISO-8859-3 |
| <code>x-iso-8859-4.def</code> | <code>iso-8859-4</code> , <code>latin4</code> | ISO-8859-4 |
| <code>x-iso-8859-5.def</code> | <code>iso-8859-5</code> , <code>iso88595</code> | ISO-8859-5 |
| <code>x-iso-8859-9.def</code> | <code>iso-8859-9</code> , <code>latin5</code> | ISO-8859-9 |
| <code>x-iso-8859-10.def</code> | <code>iso-8859-10</code> , <code>latin6</code> | ISO-8859-10 |
| <code>x-iso-8859-13.def</code> | <code>iso-8859-13</code> , <code>latin7</code> | ISO-8859-13 |
| <code>x-iso-8859-14.def</code> | <code>iso-8859-14</code> , <code>latin8</code> | ISO-8859-14 |
| <code>x-iso-8859-15.def</code> | <code>iso-8859-15</code> , <code>latin9</code> | ISO-8859-15 |
| <code>x-iso-8859-16.def</code> | <code>iso-8859-16</code> , <code>latin10</code> | ISO-8859-16 |
| <code>x-mac-centeuro.def</code> | <code>mac-centeuro</code> , <code>mac-ce</code> , <code>macce</code> | MAC OS Central European |
| <code>x-mac-cyrillic.def</code> | <code>mac-cyrillic</code> , <code>maccyr</code> , <code>mac-ukrainian</code> , <code>macukr</code> | MAC OS Cyrillic |
| <code>x-mac-roman.def</code> | <code>mac-roman</code> , <code>applemac</code> | MAC OS Roman |
| <code>x-nextstep</code> | <code>nextstep</code> , <code>next</code> | NextStep Encoding |

Some characters need extra packages:

Box drawings characters are provided by package `pmboxdraw`. They are used by some older DOS code pages (`cp437`, `cp850`, `cp852`, `cp858`, `cp865`).

Cyrillic characters need some setup (probably font encoding/package). They are mapped to names that start with `\CYR` (`\CYRYO`, `\CYRDE`, ...).

Hebrew characters need some setup (probably font encoding/package). They are mapped to `\hebalef`, `\hebbet`, ...

U+2310 REVERSED NOT SIGN is provided as `\textrevlogicalnot` that uses `\reflectbox` from package `graphics`.

For the following characters I didn't find suitable LICR (L^AT_EX Internal Character Representation):

```
\DeclareUnicodeCharacter{200E}{}
% LEFT-TO-RIGHT MARK
% iso-8859-8[0xFD/253]

\DeclareUnicodeCharacter{200F}{}
% RIGHT-TO-LEFT MARK
% iso-8859-8[0xFE/254]

\DeclareUnicodeCharacter{2320}{}
% TOP HALF INTEGRAL
% cp437[0xF4/244] cp865[0xF4/244]

\DeclareUnicodeCharacter{2321}{}
% BOTTOM HALF INTEGRAL
% cp437[0xF5/245] cp865[0xF5/245]

\DeclareUnicodeCharacter{F8FF}{}
% <Private Use, Last>
% mac-roman[0xF0/240]
```

1.2 Unicode

File `ix-utf8enc.dfu` provides additions to `inputenc`'s file `utf8enc.dfu`.

1.3 Math

The current philosophy of L^AT_EX/package `inputenc` is not to declare characters for math only. Instead there is a experimental package `inpmath` that extends package `inputenc`, to change the behaviour of input characters if used in math mode. File `ix-math.def` provides some definitions of math characters.

1.4 ToDo

- Documentation.

2 Implementation

2.1 Identification

```
1 <*package>
2 \NeedsTeXFormat{LaTeX2e}
3 \ProvidesPackage{inputenx}%
4 [2009/12/15 v1.5 Enhanced input encoding handling (HO)]%
```

2.2 Encoding names

2.2.1 Record current encoding names

`\CurrentInputEncodingName`

```
5 \providecommand*{\CurrentInputEncodingName}{}%
```

`\CurrentInputEncodingOption`

```
6 \providecommand*{\CurrentInputEncodingOption}{}%
```

2.2.2 Aliases for encoding names

```

7 \def\IEX@LookupEncoding#1{%
8   \edef\CurrentInputEncodingName{#1}%
9   \@onelevel@sanitize\CurrentInputEncodingName
10  \let\CurrentInputEncodingOption\@empty
11  \@ifundefined{IEX@enc@\CurrentInputEncodingName}{%
12    \global\expandafter\let
13    \csname IEX@enc@\CurrentInputEncodingName\endcsname
14    \CurrentInputEncodingName
15    \IEX@DoLookup
16  }{%
17  \edef\CurrentInputEncodingOption{%
18    \csname IEX@enc@\CurrentInputEncodingName\endcsname
19  }%
20  \ifx\CurrentInputEncodingOption\@empty
21    \PackageWarning{inputenx}{%
22      Encoding '\CurrentInputEncodingName' is not available%
23      \MessageBreak
24      and therefore ignored%
25    }%
26  \else
27    \IfFileExists{\CurrentInputEncodingOption.def}{%
28      \PackageInfo{inputenx}{%
29        Encoding name: \CurrentInputEncodingName\MessageBreak
30        Encoding file: \CurrentInputEncodingOption.def\MessageBreak
31      }%
32    }{%
33      \PackageError{inputenx}{%
34        Cannot load encoding '\CurrentInputEncodingName'\MessageBreak
35        A valid encoding alias was not found and\MessageBreak
36        encoding file '\CurrentInputEncodingOption.def' does not exist%
37      } \@ehc
38      \global\expandafter\let
39      \csname IEX@enc@\CurrentInputEncodingName\endcsname\@empty
40      \let\CurrentInputEncodingName\@empty
41      \let\CurrentInputEncodingOption\@empty
42    }%
43  \fi
44 }

```

Encoding is in \CurrentInputEncodingName. Search the alias file until an entry is found and define IEX@enc@\CurrentInputEncodingName.

```

45 \def\IEX@DoLookup{%
46   \begingroup
47   \advance\endlinechar\@M
48   \IfFileExists{ix-alias.cfg}{%
49     \input{ix-alias.cfg}%
50   }{%
51     \input{ix-alias.def}%
52   }%
53   \advance\endlinechar-\@M
54   \endgroup
55 }
56 \def\InputenxAlias#1#2{%
57   \edef\IEX@temp{#1}%
58   \@onelevel@sanitize\IEX@temp
59   \ifx\IEX@temp\CurrentInputEncodingName
60     \edef\IEX@temp{#2}%
61     \@onelevel@sanitize\IEX@temp
62     \IfFileExists{\IEX@temp.def}{%
63       \global\expandafter\let
64       \csname IEX@enc@\CurrentInputEncodingName\endcsname\IEX@temp

```

```

65     \expandafter\endinput
66   }{%
67     \PackageWarning{inputenc}{%
68       Missing encoding file '\IEX@temp.def'\MessageBreak
69       for encoding '\CurrentInputEncodingName', continuing%
70       \MessageBreak
71       with lookup search%
72     }%
73   }%
74 \fi
75 }

```

2.3 Package options

2.3.1 Declare and process options

```

76 \newif\ifIEX@math
77 \DeclareOption{math}{\IEX@mathtrue}
78 \let\IEX@enclist\@empty
79 \DeclareOption*{%
80   \ifx\IEX@enclist\@empty
81     \let\IEX@enclist\CurrentOption
82   \else
83     \edef\IEX@enclist{\IEX@enclist,\CurrentOption}%
84   \fi
85 }
86 \ProcessOptions*

```

2.3.2 Load inputenc with encoding options

```

87 \@for\CurrentOption:=\IEX@enclist\do{%
88   \IEX@LookupEncoding\CurrentOption
89   \ifx\CurrentInputEncodingOption\@empty
90     \else
91       \PassOptionsToPackage{\CurrentInputEncodingOption}{inputenc}%
92     \fi
93 }
94 \RequirePackage{inputenc}

```

2.3.3 \InputEncoding

`\InputEncoding` `\InputEncoding` is basically the same as `\inputencoding` of package `inputenc`. However aliases are supported.

```

95 \newcommand*{\InputEncoding}[1]{%
96   \IEX@LookupEncoding{#1}%
97   \ifx\CurrentInputEncodingOption\@empty
98     \else
99     \inputencoding{\CurrentInputEncodingOption}%
100 %   \ifx\PassOptionsToPackage\@notprerr
101 %   \else
102 %     \expandafter\PassOptionsToPackage\expandafter{%
103 %       \CurrentInputEncodingOption
104 %     }{inputenc}%
105 %   \ifx\CurrentInputEncodingName\CurrentInputEncodingOption
106 %   \else
107 %     \expandafter\PassOptionsToPackage\expandafter{%
108 %       \CurrentInputEncodingName
109 %     }{inputenc}%
110 %   \fi
111 %   \fi
112 \fi
113 }

```

2.3.4 Option `math`

```

114 \ifIEX@math
115   \RequirePackage{inpmath}%
116   \IfFileExists{ix-math.cfg}{%
117     \input{ix-math.cfg}%
118   }{%
119     \input{ix-math.def}%
120   }%
121 \fi
122 \end{package}

```

2.4 Alias encoding file

```

123 <*alias>
124 \ProvidesFile{ix-alias.def}[2009/12/15 v1.5 Alias list (inputenx)]

```

The alias mechanism is also used to hide the prefix x-:

```

125 \InputenxAlias{ascii}{x-ascii}
126 \InputenxAlias{atarist}{x-atarist}
127 \InputenxAlias{iso-8859-1}{x-iso-8859-1}
128 \InputenxAlias{iso-8859-2}{x-iso-8859-2}
129 \InputenxAlias{iso-8859-3}{x-iso-8859-3}
130 \InputenxAlias{iso-8859-4}{x-iso-8859-4}
131 \InputenxAlias{iso-8859-5}{x-iso-8859-5}
132 \InputenxAlias{iso-8859-8}{x-iso-8859-8}
133 \InputenxAlias{iso-8859-9}{x-iso-8859-9}
134 \InputenxAlias{iso-8859-10}{x-iso-8859-10}
135 \InputenxAlias{iso-8859-13}{x-iso-8859-13}
136 \InputenxAlias{iso-8859-14}{x-iso-8859-14}
137 \InputenxAlias{iso-8859-15}{x-iso-8859-15}
138 \InputenxAlias{iso-8859-16}{x-iso-8859-16}
139 \InputenxAlias{cp437}{x-cp437}
140 \InputenxAlias{cp850}{x-cp850}
141 \InputenxAlias{cp852}{x-cp852}
142 \InputenxAlias{cp855}{x-cp855}
143 \InputenxAlias{cp858}{x-cp858}
144 \InputenxAlias{cp865}{x-cp865}
145 \InputenxAlias{cp866}{x-cp866}
146 \InputenxAlias{cp1250}{x-cp1250}
147 \InputenxAlias{cp1251}{x-cp1251}
148 \InputenxAlias{cp1252}{x-cp1252}
149 \InputenxAlias{cp1257}{x-cp1257}
150 \InputenxAlias{dec-mcs}{x-dec-mcs}
151 \InputenxAlias{koi8-r}{x-koi8-r}
152 \InputenxAlias{mac-centeuro}{x-mac-centeuro}
153 \InputenxAlias{mac-cyrillic}{x-mac-cyrillic}
154 \InputenxAlias{mac-roman}{x-mac-roman}
155 \InputenxAlias{nextstep}{x-nextstep}

```

Now the real aliases start:

```

156 \InputenxAlias{ansinew}{x-cp1252}
157 \InputenxAlias{applemac}{x-mac-roman}
158 \InputenxAlias{ascii-print}{x-ascii}
159 \InputenxAlias{ascii-printable}{x-ascii}
160 \InputenxAlias{atari}{x-atarist}
161 \InputenxAlias{clean7bit}{x-ascii}
162 \InputenxAlias{cp437de}{x-cp437}
163 \InputenxAlias{decmulti}{x-dec-mcs}
164 \InputenxAlias{iso88595}{x-iso-8859-5}
165 \InputenxAlias{latin1}{x-iso-8859-1}
166 \InputenxAlias{latin10}{x-iso-8859-16}
167 \InputenxAlias{latin2}{x-iso-8859-2}
168 \InputenxAlias{latin3}{x-iso-8859-3}
169 \InputenxAlias{latin4}{x-iso-8859-4}
170 \InputenxAlias{latin5}{x-iso-8859-9}

```

```

171 \InputenxAlias{latin6}{x-iso-8859-10}
172 \InputenxAlias{latin7}{x-iso-8859-13}
173 \InputenxAlias{latin8}{x-iso-8859-14}
174 \InputenxAlias{latin9}{x-iso-8859-15}
175 \InputenxAlias{mac-ce}{x-mac-centeuro}
176 \InputenxAlias{mac-ukrainian}{x-mac-cyrillic}
177 \InputenxAlias{macce}{x-mac-centeuro}
178 \InputenxAlias{maccyr}{x-mac-cyrillic}
179 \InputenxAlias{macukr}{x-mac-cyrillic}
180 \InputenxAlias{next}{x-nextstep}
181 \InputenxAlias{us-ascii}{x-ascii}
182 </alias>

```

2.5 Encoding files

2.5.1 Encoding ascii

The encoding file `ascii.def` of package `inputenc` before 2006/03/04 v1.1b generate a unnecessary warning. Therefore a separate variant is provided here.

```

183 <*ascii>
184 \ProvidesFile{x-ascii.def}%
185 [2009/12/15 v1.5 Input encoding ascii (inputenx)]%
186 \csname @inpenc@test\endcsname
187 </ascii>

```

2.5.2 Encoding atarist

```

188 <*atarist>
189 \ProvidesFile{x-atarist.def}%
190 [2009/12/15 v1.5 Input encoding atarist (inputenx)]%
191 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
192 \makeatletter
193 \ProvideTextCommandDefault{\textGamma}{%
194   \ensuremath\Gamma
195 }
196 \ProvideTextCommandDefault{\textOmega}{%
197   \ensuremath\Omega
198 }
199 \ProvideTextCommandDefault{\textPhi}{%
200   \ensuremath\Phi
201 }
202 \ProvideTextCommandDefault{\textSigma}{%
203   \ensuremath\Sigma
204 }
205 \ProvideTextCommandDefault{\textTheta}{%
206   \ensuremath\Theta
207 }
208 \ProvideTextCommandDefault{\textalpha}{%
209   \ensuremath\alpha
210 }
211 \ProvideTextCommandDefault{\textapproxequal}{%
212   \ensuremath\approx
213 }
214 \ProvideTextCommandDefault{\textasciicute}{%
215   \@tabacckludge'{}%
216 }
217 \ProvideTextCommandDefault{\textasciidieresis}{%
218   \"{}%
219 }
220 \ProvideTextCommandDefault{\textasciimacron}{%
221   \@tabacckludge={}%
222 }
223 \ProvideTextCommandDefault{\textbeta}{%

```



```

224 \ensuremath\beta
225 }
226 \ProvideTextCommandDefault{\textcap}{%
227 \ensuremath\cap
228 }
229 \ProvideTextCommandDefault{\textcent}{%
230 \TextSymbolUnavailable\textcent
231 }
232 \ProvideTextCommandDefault{\textcontourintegral}{%
233 \ensuremath\oint
234 }
235 \ProvideTextCommandDefault{\textdegree}{%
236 \ensuremath{^\circ}%
237 }
238 \ProvideTextCommandDefault{\textdelta}{%
239 \ensuremath\delta
240 }
241 \ProvideTextCommandDefault{\textdiv}{%
242 \TextSymbolUnavailable\textdiv
243 }
244 \ProvideTextCommandDefault{\textelement}{%
245 \ensuremath\in
246 }
247 \ProvideTextCommandDefault{\textequivalence}{%
248 \ensuremath\equiv
249 }
250 \ProvideTextCommandDefault{\textflorin}{%
251 \textit{f}%
252 }
253 \ProvideTextCommandDefault{\textgreaterorequal}{%
254 \ensuremath\geq
255 }
256 \ProvideTextCommandDefault{\textinfinity}{%
257 \ensuremath\infty
258 }
259 \ProvideTextCommandDefault{\textintersection}{%
260 \ensuremath\cap
261 }
262 \ProvideTextCommandDefault{\textlessequal}{%
263 \ensuremath\leq
264 }
265 \ProvideTextCommandDefault{\textlnot}{%
266 \ensuremath\not
267 }
268 \ProvideTextCommandDefault{\textmu}{%
269 \ensuremath\mu
270 }
271 \ProvideTextCommandDefault{\textnsuperior}{%
272 \ensuremath{{}^n}%
273 }
274 \ProvideTextCommandDefault{\textonehalf}{%
275 \ensuremath{\frac{1}{2}}%
276 }
277 \ProvideTextCommandDefault{\textonequarter}{%
278 \ensuremath{\frac{1}{4}}%
279 }
280 \ProvideTextCommandDefault{\textphi}{%
281 \ensuremath\phi
282 }
283 \ProvideTextCommandDefault{\textpi}{%
284 \ensuremath\pi
285 }

```

```

286 \ProvideTextCommandDefault{\textpm}{%
287   \ensuremath\pm
288 }
289 \ProvideTextCommandDefault{\textrevlogicalnot}{%
290   \begin{group}
291     \ifundefined{reflectbox}{%
292       \TextSymbolUnavailable\textrevlogicalnot
293     }{%
294       \def\@revlogicalnot##1##2{%
295         \reflectbox{$##1##2$}%
296       }%
297       \ensuremath{\mathpalette\@revlogicalnot\not}%
298     }%
299   \end{group}
300 }
301 \ProvideTextCommandDefault{\textsigma}{%
302   \ensuremath\sigma
303 }
304 \ProvideTextCommandDefault{\textsurd}{%
305   \ensuremath\surd
306 }
307 \ProvideTextCommandDefault{\texttau}{%
308   \ensuremath\tau
309 }
310 \ProvideTextCommandDefault{\textthreesuperior}{%
311   \ensuremath{{}^3}%
312 }
313 \ProvideTextCommandDefault{\texttwosuperior}{%
314   \ensuremath{{}^2}%
315 }
316 \ProvideTextCommandDefault{\textyen}{%
317   \TextSymbolUnavailable\textyen
318 }
319 \DeclareInputText{128}{\c C}
320 \DeclareInputText{129}{\u}
321 \DeclareInputText{130}{\@tabacckludge'e}
322 \DeclareInputText{131}{\^a}
323 \DeclareInputText{132}{\a}
324 \DeclareInputText{133}{\@tabacckludge'a}
325 \DeclareInputText{134}{\r a}
326 \DeclareInputText{135}{\c c}
327 \DeclareInputText{136}{\^e}
328 \DeclareInputText{137}{\e}
329 \DeclareInputText{138}{\@tabacckludge'e}
330 \DeclareInputText{139}{\i}
331 \DeclareInputText{140}{\^i}
332 \DeclareInputText{141}{\@tabacckludge'i}
333 \DeclareInputText{142}{\A}
334 \DeclareInputText{143}{\r A}
335 \DeclareInputText{144}{\@tabacckludge'E}
336 \DeclareInputText{145}{\ae}
337 \DeclareInputText{146}{\AE}
338 \DeclareInputText{147}{\^o}
339 \DeclareInputText{148}{\o}
340 \DeclareInputText{149}{\@tabacckludge'o}
341 \DeclareInputText{150}{\u}
342 \DeclareInputText{151}{\@tabacckludge'u}
343 \DeclareInputText{152}{\y}
344 \DeclareInputText{153}{\O}
345 \DeclareInputText{154}{\U}
346 \DeclareInputText{155}{\textcent}
347 \DeclareInputText{156}{\textsterling}

```

```

348 \DeclareInputText{157}{\textyen}
349 \DeclareInputText{158}{\ss}
350 \DeclareInputText{159}{\textflorin}
351 \DeclareInputText{160}{\@tabacckludge'a}
352 \DeclareInputText{161}{\@tabacckludge'i}
353 \DeclareInputText{162}{\@tabacckludge'o}
354 \DeclareInputText{163}{\@tabacckludge'u}
355 \DeclareInputText{164}{\~n}
356 \DeclareInputText{165}{\~N}
357 \DeclareInputText{166}{\textordfeminine}
358 \DeclareInputText{167}{\textordmasculine}
359 \DeclareInputText{168}{\textquestiondown}
360 \DeclareInputText{169}{\textrevlogicalnot}
361 \DeclareInputText{170}{\textlnot}
362 \DeclareInputText{171}{\textonehalf}
363 \DeclareInputText{172}{\textonequarter}
364 \DeclareInputText{173}{\textexclamdown}
365 \DeclareInputText{174}{\guillemotleft}
366 \DeclareInputText{175}{\guillemotright}
367 \DeclareInputText{176}{\~a}
368 \DeclareInputText{177}{\~o}
369 \DeclareInputText{178}{\0}
370 \DeclareInputText{179}{\o}
371 \DeclareInputText{180}{\oe}
372 \DeclareInputText{181}{\OE}
373 \DeclareInputText{182}{\@tabacckludge'A}
374 \DeclareInputText{183}{\~A}
375 \DeclareInputText{184}{\~0}
376 \DeclareInputText{185}{\textasciidieresis}
377 \DeclareInputText{186}{\textasciicute}
378 \DeclareInputText{187}{\textdagger}
379 \DeclareInputText{188}{\textparagraph}
380 \DeclareInputText{189}{\textcopyright}
381 \DeclareInputText{190}{\textregistered}
382 \DeclareInputText{191}{\texttrademark}
383 \DeclareInputText{192}{\ij}
384 \DeclareInputText{193}{\IJ}
385 \DeclareInputText{194}{\hebalef}
386 \DeclareInputText{195}{\hebbet}
387 \DeclareInputText{196}{\hebgimel}
388 \DeclareInputText{197}{\hebdalet}
389 \DeclareInputText{198}{\hebhe}
390 \DeclareInputText{199}{\hebvav}
391 \DeclareInputText{200}{\hebzayin}
392 \DeclareInputText{201}{\hebbet}
393 \DeclareInputText{202}{\hebtet}
394 \DeclareInputText{203}{\hebyod}
395 \DeclareInputText{204}{\hebkafe}
396 \DeclareInputText{205}{\heblamed}
397 \DeclareInputText{206}{\hebmem}
398 \DeclareInputText{207}{\hebmun}
399 \DeclareInputText{208}{\hebsamekh}
400 \DeclareInputText{209}{\hebayin}
401 \DeclareInputText{210}{\hebpe}
402 \DeclareInputText{211}{\hebtsadi}
403 \DeclareInputText{212}{\hebqof}
404 \DeclareInputText{213}{\hebresh}
405 \DeclareInputText{214}{\hebshin}
406 \DeclareInputText{215}{\hebtav}
407 \DeclareInputText{216}{\hebfinalnun}
408 \DeclareInputText{217}{\hebfinalkaf}
409 \DeclareInputText{218}{\hebfinalmem}

```

```

410 \DeclareInputText{219}{\hebfinalpe}
411 \DeclareInputText{220}{\hebfinaltsadi}
412 \DeclareInputText{221}{\textsection}
413 \DeclareInputText{222}{\textcap}
414 \DeclareInputText{223}{\textinfinity}
415 \DeclareInputText{224}{\textalpha}
416 \DeclareInputText{225}{\textbeta}
417 \DeclareInputText{226}{\textGamma}
418 \DeclareInputText{227}{\textpi}
419 \DeclareInputText{228}{\textSigma}
420 \DeclareInputText{229}{\textsigma}
421 \DeclareInputText{230}{\textmu}
422 \DeclareInputText{231}{\texttau}
423 \DeclareInputText{232}{\textPhi}
424 \DeclareInputText{233}{\textTheta}
425 \DeclareInputText{234}{\textOmega}
426 \DeclareInputText{235}{\textdelta}
427 \DeclareInputText{236}{\textcontourintegral}
428 \DeclareInputText{237}{\textphi}
429 \DeclareInputText{238}{\textelement}
430 \DeclareInputText{239}{\textintersection}
431 \DeclareInputText{240}{\textequivalence}
432 \DeclareInputText{241}{\textpm}
433 \DeclareInputText{242}{\textgreaterorequal}
434 \DeclareInputText{243}{\textlessequal}
435 \DeclareInputText{246}{\textdiv}
436 \DeclareInputText{247}{\textapproxequal}
437 \DeclareInputText{248}{\textdegree}
438 \DeclareInputText{249}{\textbullet}
439 \DeclareInputText{250}{\textperiodcentered}
440 \DeclareInputText{251}{\textsurd}
441 \DeclareInputText{252}{\textnsuperior}
442 \DeclareInputText{253}{\texttwosuperior}
443 \DeclareInputText{254}{\textthreesuperior}
444 \DeclareInputText{255}{\textasciimacron}
445 \RestoreAtCatcode
446 \atarist

```

2.5.3 Encoding iso-8859-1

```

447 <*iso - 8859 - 1>
448 \ProvidesFile{x-iso-8859-1.def}%
449 [2009/12/15 v1.5 Input encoding iso-8859-1 (inputenx)]%
450 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
451 \makeatletter
452 \ProvideTextCommandDefault{\textasciicute}{%
453   \@tabacckludge'}{%
454 }
455 \ProvideTextCommandDefault{\textasciidieresis}{%
456   \"{}}%
457 }
458 \ProvideTextCommandDefault{\textasciimacron}{%
459   \@tabacckludge={}}%
460 }
461 \ProvideTextCommandDefault{\textbrokenbar}{%
462   \TextSymbolUnavailable\textbrokenbar
463 }
464 \ProvideTextCommandDefault{\textcent}{%
465   \TextSymbolUnavailable\textcent
466 }
467 \ProvideTextCommandDefault{\textcurrency}{%
468   \TextSymbolUnavailable\textcurrency
469 }
470 \ProvideTextCommandDefault{\textdegree}{%

```

```

471 \ensuremath{{}^{\circ}}%
472 }
473 \ProvideTextCommandDefault{\textdiv}{%
474 \TextSymbolUnavailable\textdiv
475 }
476 \ProvideTextCommandDefault{\textlnot}{%
477 \ensuremath\not
478 }
479 \ProvideTextCommandDefault{\textmu}{%
480 \ensuremath\mu
481 }
482 \ProvideTextCommandDefault{\textonehalf}{%
483 \ensuremath{\frac{1}{2}}%
484 }
485 \ProvideTextCommandDefault{\textonequarter}{%
486 \ensuremath{\frac{1}{4}}%
487 }
488 \ProvideTextCommandDefault{\textonesuperior}{%
489 \ensuremath{{}^1}%
490 }
491 \ProvideTextCommandDefault{\textpm}{%
492 \ensuremath\pm
493 }
494 \ProvideTextCommandDefault{\textthreequarters}{%
495 \ensuremath{\frac{3}{4}}%
496 }
497 \ProvideTextCommandDefault{\textthreesuperior}{%
498 \ensuremath{{}^3}%
499 }
500 \ProvideTextCommandDefault{\texttimes}{%
501 \ensuremath\times
502 }
503 \ProvideTextCommandDefault{\texttwosuperior}{%
504 \ensuremath{{}^2}%
505 }
506 \ProvideTextCommandDefault{\textyen}{%
507 \TextSymbolUnavailable\textyen
508 }
509 \DeclareInputText{160}{\nobreakspace}
510 \DeclareInputText{161}{\textexclamdown}
511 \DeclareInputText{162}{\textcent}
512 \DeclareInputText{163}{\textsterling}
513 \DeclareInputText{164}{\textcurrency}
514 \DeclareInputText{165}{\textyen}
515 \DeclareInputText{166}{\textbrokenbar}
516 \DeclareInputText{167}{\textsection}
517 \DeclareInputText{168}{\textasciidieresis}
518 \DeclareInputText{169}{\textcopyright}
519 \DeclareInputText{170}{\textordfeminine}
520 \DeclareInputText{171}{\guillemotleft}
521 \DeclareInputText{172}{\textlnot}
522 \DeclareInputText{173}{\backslash}
523 \DeclareInputText{174}{\textregistered}
524 \DeclareInputText{175}{\textasciimacron}
525 \DeclareInputText{176}{\textdegree}
526 \DeclareInputText{177}{\textpm}
527 \DeclareInputText{178}{\texttwosuperior}
528 \DeclareInputText{179}{\textthreesuperior}
529 \DeclareInputText{180}{\textasciiacute}
530 \DeclareInputText{181}{\textmu}
531 \DeclareInputText{182}{\textparagraph}
532 \DeclareInputText{183}{\textperiodcentered}

```

```

533 \DeclareInputText{184}{\c\ }
534 \DeclareInputText{185}{\textonesuperior}
535 \DeclareInputText{186}{\textordmasculine}
536 \DeclareInputText{187}{\guillemotright}
537 \DeclareInputText{188}{\textonequarter}
538 \DeclareInputText{189}{\textonehalf}
539 \DeclareInputText{190}{\textthreequarters}
540 \DeclareInputText{191}{\textquestiondown}
541 \DeclareInputText{192}{\@tabacckludge'A}
542 \DeclareInputText{193}{\@tabacckludge'A}
543 \DeclareInputText{194}{\^A}
544 \DeclareInputText{195}{\^A}
545 \DeclareInputText{196}{\ "A}
546 \DeclareInputText{197}{\r A}
547 \DeclareInputText{198}{\AE}
548 \DeclareInputText{199}{\c C}
549 \DeclareInputText{200}{\@tabacckludge'E}
550 \DeclareInputText{201}{\@tabacckludge'E}
551 \DeclareInputText{202}{\^E}
552 \DeclareInputText{203}{\ "E}
553 \DeclareInputText{204}{\@tabacckludge'I}
554 \DeclareInputText{205}{\@tabacckludge'I}
555 \DeclareInputText{206}{\^I}
556 \DeclareInputText{207}{\ "I}
557 \DeclareInputText{208}{\DH}
558 \DeclareInputText{209}{\^N}
559 \DeclareInputText{210}{\@tabacckludge'O}
560 \DeclareInputText{211}{\@tabacckludge'O}
561 \DeclareInputText{212}{\^O}
562 \DeclareInputText{213}{\^O}
563 \DeclareInputText{214}{\ "O}
564 \DeclareInputText{215}{\texttimes}
565 \DeclareInputText{216}{\O}
566 \DeclareInputText{217}{\@tabacckludge'U}
567 \DeclareInputText{218}{\@tabacckludge'U}
568 \DeclareInputText{219}{\^U}
569 \DeclareInputText{220}{\ "U}
570 \DeclareInputText{221}{\@tabacckludge'Y}
571 \DeclareInputText{222}{\TH}
572 \DeclareInputText{223}{\ss}
573 \DeclareInputText{224}{\@tabacckludge'a}
574 \DeclareInputText{225}{\@tabacckludge'a}
575 \DeclareInputText{226}{\^a}
576 \DeclareInputText{227}{\^a}
577 \DeclareInputText{228}{\ "a}
578 \DeclareInputText{229}{\r a}
579 \DeclareInputText{230}{\ae}
580 \DeclareInputText{231}{\c c}
581 \DeclareInputText{232}{\@tabacckludge'e}
582 \DeclareInputText{233}{\@tabacckludge'e}
583 \DeclareInputText{234}{\^e}
584 \DeclareInputText{235}{\ "e}
585 \DeclareInputText{236}{\@tabacckludge'i}
586 \DeclareInputText{237}{\@tabacckludge'i}
587 \DeclareInputText{238}{\^i}
588 \DeclareInputText{239}{\ "i}
589 \DeclareInputText{240}{\dh}
590 \DeclareInputText{241}{\^n}
591 \DeclareInputText{242}{\@tabacckludge'o}
592 \DeclareInputText{243}{\@tabacckludge'o}
593 \DeclareInputText{244}{\^o}
594 \DeclareInputText{245}{\^o}

```

```

595 \DeclareInputText{246}{\o}
596 \DeclareInputText{247}{\textdiv}
597 \DeclareInputText{248}{\o}
598 \DeclareInputText{249}{\@tabacckludge'u}
599 \DeclareInputText{250}{\@tabacckludge'u}
600 \DeclareInputText{251}{\^u}
601 \DeclareInputText{252}{\u}
602 \DeclareInputText{253}{\@tabacckludge'y}
603 \DeclareInputText{254}{\th}
604 \DeclareInputText{255}{\y}
605 \RestoreAtCatcode
606 </iso - 8859 - 1>

```

2.5.4 Encoding iso-8859-2

```

607 <*iso - 8859 - 2>
608 \ProvidesFile{x-iso-8859-2.def}%
609 [2009/12/15 v1.5 Input encoding iso-8859-2 (inputenx)]%
610 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
611 \makeatletter
612 \ProvideTextCommandDefault{\textacutedbl}{%
613   \H{}}%
614 }
615 \ProvideTextCommandDefault{\textasciiacute}{%
616   \@tabacckludge'{}%
617 }
618 \ProvideTextCommandDefault{\textasciibreve}{%
619   \u{}}%
620 }
621 \ProvideTextCommandDefault{\textasciicaron}{%
622   \v{}}%
623 }
624 \ProvideTextCommandDefault{\textasciidieresis}{%
625   \">{}}%
626 }
627 \ProvideTextCommandDefault{\textcurrency}{%
628   \TextSymbolUnavailable\textcurrency
629 }
630 \ProvideTextCommandDefault{\textdegree}{%
631   \ensuremath{\^{\circ}}}%
632 }
633 \ProvideTextCommandDefault{\textdiv}{%
634   \TextSymbolUnavailable\textdiv
635 }
636 \ProvideTextCommandDefault{\texttimes}{%
637   \ensuremath\times
638 }
639 \DeclareInputText{160}{\nobreakspace}
640 \DeclareInputText{161}{\k A}
641 \DeclareInputText{162}{\textasciibreve}
642 \DeclareInputText{163}{\L}
643 \DeclareInputText{164}{\textcurrency}
644 \DeclareInputText{165}{\v L}
645 \DeclareInputText{166}{\@tabacckludge'S}
646 \DeclareInputText{167}{\textsection}
647 \DeclareInputText{168}{\textasciidieresis}
648 \DeclareInputText{169}{\v S}
649 \DeclareInputText{170}{\c S}
650 \DeclareInputText{171}{\v T}
651 \DeclareInputText{172}{\@tabacckludge'Z}
652 \DeclareInputText{173}{\ -}
653 \DeclareInputText{174}{\v Z}
654 \DeclareInputText{175}{\ .Z}
655 \DeclareInputText{176}{\textdegree}

```

```

656 \DeclareInputText{177}{\k a}
657 \DeclareInputText{178}{\k{}}
658 \DeclareInputText{179}{\l}
659 \DeclareInputText{180}{\textasciicute}
660 \DeclareInputText{181}{\v l}
661 \DeclareInputText{182}{\@tabacckludge's}
662 \DeclareInputText{183}{\textasciicaron}
663 \DeclareInputText{184}{\c\ }
664 \DeclareInputText{185}{\v s}
665 \DeclareInputText{186}{\c s}
666 \DeclareInputText{187}{\v t}
667 \DeclareInputText{188}{\@tabacckludge'z}
668 \DeclareInputText{189}{\textacutedbl}
669 \DeclareInputText{190}{\v z}
670 \DeclareInputText{191}{\z}
671 \DeclareInputText{192}{\@tabacckludge'R}
672 \DeclareInputText{193}{\@tabacckludge'A}
673 \DeclareInputText{194}{\^A}
674 \DeclareInputText{195}{\u A}
675 \DeclareInputText{196}{\^"A}
676 \DeclareInputText{197}{\@tabacckludge'L}
677 \DeclareInputText{198}{\@tabacckludge'C}
678 \DeclareInputText{199}{\c C}
679 \DeclareInputText{200}{\v C}
680 \DeclareInputText{201}{\@tabacckludge'E}
681 \DeclareInputText{202}{\k E}
682 \DeclareInputText{203}{\^E}
683 \DeclareInputText{204}{\v E}
684 \DeclareInputText{205}{\@tabacckludge'I}
685 \DeclareInputText{206}{\^I}
686 \DeclareInputText{207}{\v D}
687 \DeclareInputText{208}{\DJ}
688 \DeclareInputText{209}{\@tabacckludge'N}
689 \DeclareInputText{210}{\v N}
690 \DeclareInputText{211}{\@tabacckludge'O}
691 \DeclareInputText{212}{\^O}
692 \DeclareInputText{213}{\H O}
693 \DeclareInputText{214}{\^"O}
694 \DeclareInputText{215}{\texttimes}
695 \DeclareInputText{216}{\v R}
696 \DeclareInputText{217}{\r U}
697 \DeclareInputText{218}{\@tabacckludge'U}
698 \DeclareInputText{219}{\H U}
699 \DeclareInputText{220}{\^"U}
700 \DeclareInputText{221}{\@tabacckludge'Y}
701 \DeclareInputText{222}{\c T}
702 \DeclareInputText{223}{\ss}
703 \DeclareInputText{224}{\@tabacckludge'r}
704 \DeclareInputText{225}{\@tabacckludge'a}
705 \DeclareInputText{226}{\^a}
706 \DeclareInputText{227}{\u a}
707 \DeclareInputText{228}{\^"a}
708 \DeclareInputText{229}{\@tabacckludge'l}
709 \DeclareInputText{230}{\@tabacckludge'c}
710 \DeclareInputText{231}{\c c}
711 \DeclareInputText{232}{\v c}
712 \DeclareInputText{233}{\@tabacckludge'e}
713 \DeclareInputText{234}{\k e}
714 \DeclareInputText{235}{\^"e}
715 \DeclareInputText{236}{\v e}
716 \DeclareInputText{237}{\@tabacckludge'i}
717 \DeclareInputText{238}{\^"i}

```



```

718 \DeclareInputText{239}{\v d}
719 \DeclareInputText{240}{\dj}
720 \DeclareInputText{241}{\@tabacckludge'n}
721 \DeclareInputText{242}{\v n}
722 \DeclareInputText{243}{\@tabacckludge'o}
723 \DeclareInputText{244}{\^o}
724 \DeclareInputText{245}{\H o}
725 \DeclareInputText{246}{\"o}
726 \DeclareInputText{247}{\textdiv}
727 \DeclareInputText{248}{\v r}
728 \DeclareInputText{249}{\r u}
729 \DeclareInputText{250}{\@tabacckludge'u}
730 \DeclareInputText{251}{\H u}
731 \DeclareInputText{252}{\"u}
732 \DeclareInputText{253}{\@tabacckludge'y}
733 \DeclareInputText{254}{\c t}
734 \DeclareInputText{255}{\.{}}
735 \RestoreAtCatcode
736 </iso - 8859 - 2>

```

2.5.5 Encoding iso-8859-3

```

737 <*iso - 8859 - 3>
738 \ProvidesFile{x-iso-8859-3.def}%
739 [2009/12/15 v1.5 Input encoding iso-8859-3 (inputenx)]%
740 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
741 \makeatletter
742 \ProvideTextCommandDefault{\textasciicute}{%
743   \@tabacckludge'}%
744 }
745 \ProvideTextCommandDefault{\textasciibreve}{%
746   \u}%
747 }
748 \ProvideTextCommandDefault{\textasciidieresis}{%
749   \"}%
750 }
751 \ProvideTextCommandDefault{\textcurrency}{%
752   \TextSymbolUnavailable\textcurrency
753 }
754 \ProvideTextCommandDefault{\textdegree}{%
755   \ensuremath{{}^\circ}}%
756 }
757 \ProvideTextCommandDefault{\textdiv}{%
758   \TextSymbolUnavailable\textdiv
759 }
760 \ProvideTextCommandDefault{\textmalteseH}{%
761   \TextSymbolUnavailable\textmalteseH
762 }
763 \ProvideTextCommandDefault{\textmalteseh}{%
764   \TextSymbolUnavailable\textmalteseh
765 }
766 \ProvideTextCommandDefault{\textmu}{%
767   \ensuremath{\mu}
768 }
769 \ProvideTextCommandDefault{\textonehalf}{%
770   \ensuremath{\frac{1}{2}}%
771 }
772 \ProvideTextCommandDefault{\textthreesuperior}{%
773   \ensuremath{{}^3}}%
774 }
775 \ProvideTextCommandDefault{\texttimes}{%
776   \ensuremath{\times}
777 }
778 \ProvideTextCommandDefault{\texttwosuperior}{%

```

```

779 \ensuremath{{}^2}}%
780 }
781 \DeclareInputText{160}{\nobreakspace}
782 \DeclareInputText{161}{\textmalteseH}
783 \DeclareInputText{162}{\textasciibreve}
784 \DeclareInputText{163}{\textsterling}
785 \DeclareInputText{164}{\textcurrency}
786 \DeclareInputText{166}{\textasciicircum H}
787 \DeclareInputText{167}{\textsection}
788 \DeclareInputText{168}{\textasciidieresis}
789 \DeclareInputText{169}{\textasciicircum I}
790 \DeclareInputText{170}{\textasciicircum S}
791 \DeclareInputText{171}{\textasciicircum u G}
792 \DeclareInputText{172}{\textasciicircum J}
793 \DeclareInputText{173}{\textasciicircum -}
794 \DeclareInputText{175}{\textasciicircum Z}
795 \DeclareInputText{176}{\textdegree}
796 \DeclareInputText{177}{\textmalteseh}
797 \DeclareInputText{178}{\textttwosuperior}
798 \DeclareInputText{179}{\textttthreesuperior}
799 \DeclareInputText{180}{\textasciiacute}
800 \DeclareInputText{181}{\textmu}
801 \DeclareInputText{182}{\textasciicircum h}
802 \DeclareInputText{183}{\textperiodcentered}
803 \DeclareInputText{184}{\textasciicircum \ }
804 \DeclareInputText{185}{\textasciicircum i}
805 \DeclareInputText{186}{\textasciicircum c s}
806 \DeclareInputText{187}{\textasciicircum u g}
807 \DeclareInputText{188}{\textasciicircum j}
808 \DeclareInputText{189}{\textonehalf}
809 \DeclareInputText{191}{\textasciicircum .z}
810 \DeclareInputText{192}{\@tabacckludge'A}
811 \DeclareInputText{193}{\@tabacckludge'A}
812 \DeclareInputText{194}{\textasciicircum A}
813 \DeclareInputText{196}{\textasciicircum "A}
814 \DeclareInputText{197}{\textasciicircum .C}
815 \DeclareInputText{198}{\textasciicircum ^C}
816 \DeclareInputText{199}{\textasciicircum c C}
817 \DeclareInputText{200}{\@tabacckludge'E}
818 \DeclareInputText{201}{\@tabacckludge'E}
819 \DeclareInputText{202}{\textasciicircum ^E}
820 \DeclareInputText{203}{\textasciicircum "E}
821 \DeclareInputText{204}{\@tabacckludge'I}
822 \DeclareInputText{205}{\@tabacckludge'I}
823 \DeclareInputText{206}{\textasciicircum ^I}
824 \DeclareInputText{207}{\textasciicircum "I}
825 \DeclareInputText{209}{\textasciicircum ^N}
826 \DeclareInputText{210}{\@tabacckludge'O}
827 \DeclareInputText{211}{\@tabacckludge'O}
828 \DeclareInputText{212}{\textasciicircum ^O}
829 \DeclareInputText{213}{\textasciicircum .G}
830 \DeclareInputText{214}{\textasciicircum "O}
831 \DeclareInputText{215}{\texttimes}
832 \DeclareInputText{216}{\textasciicircum ^G}
833 \DeclareInputText{217}{\@tabacckludge'U}
834 \DeclareInputText{218}{\@tabacckludge'U}
835 \DeclareInputText{219}{\textasciicircum ^U}
836 \DeclareInputText{220}{\textasciicircum "U}
837 \DeclareInputText{221}{\textasciicircum u U}
838 \DeclareInputText{222}{\textasciicircum ^S}
839 \DeclareInputText{223}{\textss}
840 \DeclareInputText{224}{\@tabacckludge'a}

```

```

841 \DeclareInputText{225}{\@tabacckludge'a}
842 \DeclareInputText{226}{\^a}
843 \DeclareInputText{228}{\"a}
844 \DeclareInputText{229}{\.c}
845 \DeclareInputText{230}{\^c}
846 \DeclareInputText{231}{\c c}
847 \DeclareInputText{232}{\@tabacckludge'e}
848 \DeclareInputText{233}{\@tabacckludge'e}
849 \DeclareInputText{234}{\^e}
850 \DeclareInputText{235}{\"e}
851 \DeclareInputText{236}{\@tabacckludge'i}
852 \DeclareInputText{237}{\@tabacckludge'i}
853 \DeclareInputText{238}{\^i}
854 \DeclareInputText{239}{\"i}
855 \DeclareInputText{241}{\~n}
856 \DeclareInputText{242}{\@tabacckludge'o}
857 \DeclareInputText{243}{\@tabacckludge'o}
858 \DeclareInputText{244}{\^o}
859 \DeclareInputText{245}{\.g}
860 \DeclareInputText{246}{\"o}
861 \DeclareInputText{247}{\textdiv}
862 \DeclareInputText{248}{\^g}
863 \DeclareInputText{249}{\@tabacckludge'u}
864 \DeclareInputText{250}{\@tabacckludge'u}
865 \DeclareInputText{251}{\^u}
866 \DeclareInputText{252}{\"u}
867 \DeclareInputText{253}{\u u}
868 \DeclareInputText{254}{\^s}
869 \DeclareInputText{255}{\.{}}
870 \RestoreAtCatcode
871 \</iso - 8859 - 3>

```

2.5.6 Encoding iso-8859-4

```

872 \<*iso - 8859 - 4>
873 \ProvidesFile{x-iso-8859-4.def}%
874 [2009/12/15 v1.5 Input encoding iso-8859-4 (inputenx)]%
875 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
876 \makeatletter
877 \ProvideTextCommandDefault{\textTstroke}{%
878   \TextSymbolUnavailable\textTstroke
879 }
880 \ProvideTextCommandDefault{\textasciiacute}{%
881   \@tabacckludge' }%
882 }
883 \ProvideTextCommandDefault{\textasciicaron}{%
884   \v }%
885 }
886 \ProvideTextCommandDefault{\textasciidieresis}{%
887   \" }%
888 }
889 \ProvideTextCommandDefault{\textasciimacron}{%
890   \@tabacckludge= }%
891 }
892 \ProvideTextCommandDefault{\textcurrency}{%
893   \TextSymbolUnavailable\textcurrency
894 }
895 \ProvideTextCommandDefault{\textdegree}{%
896   \ensuremath{{}^\circ}}%
897 }
898 \ProvideTextCommandDefault{\textdiv}{%
899   \TextSymbolUnavailable\textdiv
900 }
901 \ProvideTextCommandDefault{\textkra}{%

```

```

902 \TextSymbolUnavailable\textkra
903 }
904 \ProvideTextCommandDefault{\texttimes}{%
905 \ensuremath\times
906 }
907 \ProvideTextCommandDefault{\texttstroke}{%
908 \TextSymbolUnavailable\texttstroke
909 }
910 \DeclareInputText{160}{\nobreakspace}
911 \DeclareInputText{161}{\k A}
912 \DeclareInputText{162}{\textkra}
913 \DeclareInputText{163}{\c R}
914 \DeclareInputText{164}{\textcurrency}
915 \DeclareInputText{165}{\~I}
916 \DeclareInputText{166}{\c L}
917 \DeclareInputText{167}{\textsection}
918 \DeclareInputText{168}{\textasciidieresis}
919 \DeclareInputText{169}{\v S}
920 \DeclareInputText{170}{\@tabacckludge=E}
921 \DeclareInputText{171}{\c G}
922 \DeclareInputText{172}{\textTstroke}
923 \DeclareInputText{173}{\ -}
924 \DeclareInputText{174}{\v Z}
925 \DeclareInputText{175}{\textasciimacron}
926 \DeclareInputText{176}{\textdegree}
927 \DeclareInputText{177}{\k a}
928 \DeclareInputText{178}{\k{}}
929 \DeclareInputText{179}{\c r}
930 \DeclareInputText{180}{\textasciiacute}
931 \DeclareInputText{181}{\~i}
932 \DeclareInputText{182}{\c l}
933 \DeclareInputText{183}{\textasciicaron}
934 \DeclareInputText{184}{\c\ }
935 \DeclareInputText{185}{\v s}
936 \DeclareInputText{186}{\@tabacckludge=e}
937 \DeclareInputText{187}{\v g}
938 \DeclareInputText{188}{\texttstroke}
939 \DeclareInputText{189}{\NG}
940 \DeclareInputText{190}{\v z}
941 \DeclareInputText{191}{\ng}
942 \DeclareInputText{192}{\@tabacckludge=A}
943 \DeclareInputText{193}{\@tabacckludge'A}
944 \DeclareInputText{194}{\^A}
945 \DeclareInputText{195}{\^A}
946 \DeclareInputText{196}{\ "A}
947 \DeclareInputText{197}{\r A}
948 \DeclareInputText{198}{\AE}
949 \DeclareInputText{199}{\k I}
950 \DeclareInputText{200}{\v C}
951 \DeclareInputText{201}{\@tabacckludge'E}
952 \DeclareInputText{202}{\k E}
953 \DeclareInputText{203}{\ "E}
954 \DeclareInputText{204}{\ .E}
955 \DeclareInputText{205}{\@tabacckludge'I}
956 \DeclareInputText{206}{\^I}
957 \DeclareInputText{207}{\@tabacckludge=I}
958 \DeclareInputText{208}{\DJ}
959 \DeclareInputText{209}{\c N}
960 \DeclareInputText{210}{\@tabacckludge=0}
961 \DeclareInputText{211}{\c K}
962 \DeclareInputText{212}{\^0}
963 \DeclareInputText{213}{\^0}

```

```

964 \DeclareInputText{214}{\ "0}
965 \DeclareInputText{215}{\texttimes}
966 \DeclareInputText{216}{\ 0}
967 \DeclareInputText{217}{\k U}
968 \DeclareInputText{218}{\@tabacckludge'U}
969 \DeclareInputText{219}{\^U}
970 \DeclareInputText{220}{\ "U}
971 \DeclareInputText{221}{\^U}
972 \DeclareInputText{222}{\@tabacckludge=U}
973 \DeclareInputText{223}{\ss}
974 \DeclareInputText{224}{\@tabacckludge=a}
975 \DeclareInputText{225}{\@tabacckludge'a}
976 \DeclareInputText{226}{\^a}
977 \DeclareInputText{227}{\~a}
978 \DeclareInputText{228}{\ "a}
979 \DeclareInputText{229}{\r a}
980 \DeclareInputText{230}{\ae}
981 \DeclareInputText{231}{\k i}
982 \DeclareInputText{232}{\v c}
983 \DeclareInputText{233}{\@tabacckludge'e}
984 \DeclareInputText{234}{\k e}
985 \DeclareInputText{235}{\ "e}
986 \DeclareInputText{236}{\ .e}
987 \DeclareInputText{237}{\@tabacckludge'i}
988 \DeclareInputText{238}{\^i}
989 \DeclareInputText{239}{\@tabacckludge=i}
990 \DeclareInputText{240}{\dj}
991 \DeclareInputText{241}{\c n}
992 \DeclareInputText{242}{\@tabacckludge=o}
993 \DeclareInputText{243}{\c k}
994 \DeclareInputText{244}{\^o}
995 \DeclareInputText{245}{\~o}
996 \DeclareInputText{246}{\ "o}
997 \DeclareInputText{247}{\textdiv}
998 \DeclareInputText{248}{\o}
999 \DeclareInputText{249}{\k u}
1000 \DeclareInputText{250}{\@tabacckludge'u}
1001 \DeclareInputText{251}{\^u}
1002 \DeclareInputText{252}{\ "u}
1003 \DeclareInputText{253}{\~u}
1004 \DeclareInputText{254}{\@tabacckludge=u}
1005 \DeclareInputText{255}{\ .{}}
1006 \RestoreAtCatcode
1007 </iso - 8859 - 4>

```

2.5.7 Encoding iso-8859-5

```

1008 <*iso - 8859 - 5>
1009 \ProvidesFile{x-iso-8859-5.def}%
1010 [2009/12/15 v1.5 Input encoding iso-8859-5 (inputenx)]%
1011 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1012 \makeatletter
1013 \ProvideTextCommandDefault{\textnumero}{%
1014   N%
1015   \bgroup
1016     \check@mathfonts
1017     \fontsize\sf@size\z@
1018     \math@fontsfalse
1019     \selectfont
1020     \oalign{%
1021       \raise0.5ex\hbox{o}%
1022       \crr
1023       \hline
1024     }%

```

```

1025 \egroup
1026 }
1027 \DeclareInputText{160}{\nobreakspace}
1028 \DeclareInputText{161}{\CYRYO}
1029 \DeclareInputText{162}{\CYRDJE}
1030 \DeclareInputText{163}{\@tabacckludge'\CYRG}
1031 \DeclareInputText{164}{\CYRIE}
1032 \DeclareInputText{165}{\CYRDZE}
1033 \DeclareInputText{166}{\CYRII}
1034 \DeclareInputText{167}{\CYRYI}
1035 \DeclareInputText{168}{\CYRJE}
1036 \DeclareInputText{169}{\CYRLJE}
1037 \DeclareInputText{170}{\CYRNJE}
1038 \DeclareInputText{171}{\CYRTSHE}
1039 \DeclareInputText{172}{\@tabacckludge'\CYRK}
1040 \DeclareInputText{173}{\ -}
1041 \DeclareInputText{174}{\CYRUSHRT}
1042 \DeclareInputText{175}{\CYRDZHE}
1043 \DeclareInputText{176}{\CYRA}
1044 \DeclareInputText{177}{\CYRB}
1045 \DeclareInputText{178}{\CYRV}
1046 \DeclareInputText{179}{\CYRG}
1047 \DeclareInputText{180}{\CYRD}
1048 \DeclareInputText{181}{\CYRE}
1049 \DeclareInputText{182}{\CYRZH}
1050 \DeclareInputText{183}{\CYRZ}
1051 \DeclareInputText{184}{\CYRI}
1052 \DeclareInputText{185}{\CYRISHRT}
1053 \DeclareInputText{186}{\CYRK}
1054 \DeclareInputText{187}{\CYRL}
1055 \DeclareInputText{188}{\CYRM}
1056 \DeclareInputText{189}{\CYRN}
1057 \DeclareInputText{190}{\CYRO}
1058 \DeclareInputText{191}{\CYRP}
1059 \DeclareInputText{192}{\CYRR}
1060 \DeclareInputText{193}{\CYRS}
1061 \DeclareInputText{194}{\CYRT}
1062 \DeclareInputText{195}{\CYRU}
1063 \DeclareInputText{196}{\CYRF}
1064 \DeclareInputText{197}{\CYRH}
1065 \DeclareInputText{198}{\CYRC}
1066 \DeclareInputText{199}{\CYRCH}
1067 \DeclareInputText{200}{\CYRSH}
1068 \DeclareInputText{201}{\CYRSHCH}
1069 \DeclareInputText{202}{\CYRHRDSN}
1070 \DeclareInputText{203}{\CYRERY}
1071 \DeclareInputText{204}{\CYRSFTSN}
1072 \DeclareInputText{205}{\CYREREV}
1073 \DeclareInputText{206}{\CYRYU}
1074 \DeclareInputText{207}{\CYRYA}
1075 \DeclareInputText{208}{\cyr a}
1076 \DeclareInputText{209}{\cyr b}
1077 \DeclareInputText{210}{\cyr v}
1078 \DeclareInputText{211}{\cyr g}
1079 \DeclareInputText{212}{\cyr d}
1080 \DeclareInputText{213}{\cyr e}
1081 \DeclareInputText{214}{\cyr zh}
1082 \DeclareInputText{215}{\cyr z}
1083 \DeclareInputText{216}{\cyr i}
1084 \DeclareInputText{217}{\cyr ishrt}
1085 \DeclareInputText{218}{\cyr k}
1086 \DeclareInputText{219}{\cyr l}

```

```

1087 \DeclareInputText{220}{\cymr}
1088 \DeclareInputText{221}{\cyrn}
1089 \DeclareInputText{222}{\cyro}
1090 \DeclareInputText{223}{\cyrp}
1091 \DeclareInputText{224}{\cyrr}
1092 \DeclareInputText{225}{\cyrš}
1093 \DeclareInputText{226}{\cyrť}
1094 \DeclareInputText{227}{\cyrũ}
1095 \DeclareInputText{228}{\cyrŕ}
1096 \DeclareInputText{229}{\cyrh}
1097 \DeclareInputText{230}{\cyrč}
1098 \DeclareInputText{231}{\cyrch}
1099 \DeclareInputText{232}{\cyrsh}
1100 \DeclareInputText{233}{\cyrshch}
1101 \DeclareInputText{234}{\cyrhrdsn}
1102 \DeclareInputText{235}{\cyrery}
1103 \DeclareInputText{236}{\cyršftsn}
1104 \DeclareInputText{237}{\cyrerev}
1105 \DeclareInputText{238}{\cyrũ}
1106 \DeclareInputText{239}{\cyrȳ}
1107 \DeclareInputText{240}{\textnumero}
1108 \DeclareInputText{241}{\cyrȳ}
1109 \DeclareInputText{242}{\cyrdje}
1110 \DeclareInputText{243}{\@tabacckludge'\cyrġ}
1111 \DeclareInputText{244}{\cyrĳ}
1112 \DeclareInputText{245}{\cyrdze}
1113 \DeclareInputText{246}{\cyrĳ}
1114 \DeclareInputText{247}{\cyrĳ}
1115 \DeclareInputText{248}{\cyrĳ}
1116 \DeclareInputText{249}{\cyrĳ}
1117 \DeclareInputText{250}{\cyrĳ}
1118 \DeclareInputText{251}{\cyrtshe}
1119 \DeclareInputText{252}{\@tabacckludge'\cyrk}
1120 \DeclareInputText{253}{\textsection}
1121 \DeclareInputText{254}{\cyrushrt}
1122 \DeclareInputText{255}{\cyrdzhe}
1123 \RestoreAtCatcode
1124 </iso - 8859 - 5>

```

2.5.8 Encoding iso-8859-8

```

1125 <*iso - 8859 - 8>
1126 \ProvidesFile{x-iso-8859-8.def}%
1127 [2009/12/15 v1.5 Input encoding iso-8859-8 (inputenx)]%
1128 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1129 \makeatletter
1130 \ProvideTextCommandDefault{\textasciicircum}{%
1131   \@tabacckludge'\{ }%
1132 }
1133 \ProvideTextCommandDefault{\textasciidieresis}{%
1134   \"{ }%
1135 }
1136 \ProvideTextCommandDefault{\textasciimacron}{%
1137   \@tabacckludge={ }%
1138 }
1139 \ProvideTextCommandDefault{\textbrokenbar}{%
1140   \TextSymbolUnavailable\textbrokenbar
1141 }
1142 \ProvideTextCommandDefault{\textcent}{%
1143   \TextSymbolUnavailable\textcent
1144 }
1145 \ProvideTextCommandDefault{\textcurrency}{%
1146   \TextSymbolUnavailable\textcurrency
1147 }

```

```

1148 \ProvideTextCommandDefault{\textdbllooline}{%
1149   \begingroup
1150     \sbox0{\textunderscore}%
1151     \leavevmode
1152     \ifdim\dp0<.2ex\relax
1153       \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
1154     \else
1155       \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
1156     \fi
1157     \textunderscore
1158   \endgroup
1159 }
1160 \ProvideTextCommandDefault{\textdegree}{%
1161   \ensuremath{{}^\circ}}%
1162 }
1163 \ProvideTextCommandDefault{\textdiv}{%
1164   \TextSymbolUnavailable\textdiv
1165 }
1166 \ProvideTextCommandDefault{\textlnot}{%
1167   \ensuremath{\lnot}
1168 }
1169 \ProvideTextCommandDefault{\textmu}{%
1170   \ensuremath{\mu}
1171 }
1172 \ProvideTextCommandDefault{\textonehalf}{%
1173   \ensuremath{\frac{1}{2}}%
1174 }
1175 \ProvideTextCommandDefault{\textonequarter}{%
1176   \ensuremath{\frac{1}{4}}%
1177 }
1178 \ProvideTextCommandDefault{\textonesuperior}{%
1179   \ensuremath{{}^1}}%
1180 }
1181 \ProvideTextCommandDefault{\textpm}{%
1182   \ensuremath{\pm}
1183 }
1184 \ProvideTextCommandDefault{\textthreequarters}{%
1185   \ensuremath{\frac{3}{4}}%
1186 }
1187 \ProvideTextCommandDefault{\textthreesuperior}{%
1188   \ensuremath{{}^3}}%
1189 }
1190 \ProvideTextCommandDefault{\texttimes}{%
1191   \ensuremath{\times}
1192 }
1193 \ProvideTextCommandDefault{\texttwosuperior}{%
1194   \ensuremath{{}^2}}%
1195 }
1196 \ProvideTextCommandDefault{\textyen}{%
1197   \TextSymbolUnavailable\textyen
1198 }
1199 \DeclareInputText{160}{\nobreakspace}
1200 \DeclareInputText{162}{\textcent}
1201 \DeclareInputText{163}{\textsterling}
1202 \DeclareInputText{164}{\textcurrency}
1203 \DeclareInputText{165}{\textyen}
1204 \DeclareInputText{166}{\textbrokenbar}
1205 \DeclareInputText{167}{\textsection}
1206 \DeclareInputText{168}{\textasciidieresis}
1207 \DeclareInputText{169}{\textcopyright}
1208 \DeclareInputText{170}{\texttimes}
1209 \DeclareInputText{171}{\guillemotleft}

```



```

1210 \DeclareInputText{172}{\textlnot}
1211 \DeclareInputText{173}{\textasciimacron}
1212 \DeclareInputText{174}{\textregistered}
1213 \DeclareInputText{175}{\textasciimacron}
1214 \DeclareInputText{176}{\textdegree}
1215 \DeclareInputText{177}{\textpm}
1216 \DeclareInputText{178}{\texttwosuperior}
1217 \DeclareInputText{179}{\textthreesuperior}
1218 \DeclareInputText{180}{\textasciicute}
1219 \DeclareInputText{181}{\textmu}
1220 \DeclareInputText{182}{\textparagraph}
1221 \DeclareInputText{183}{\textperiodcentered}
1222 \DeclareInputText{184}{\c\ }
1223 \DeclareInputText{185}{\textonesuperior}
1224 \DeclareInputText{186}{\textdiv}
1225 \DeclareInputText{187}{\guillemotright}
1226 \DeclareInputText{188}{\textonequarter}
1227 \DeclareInputText{189}{\textonehalf}
1228 \DeclareInputText{190}{\textthreequarters}
1229 \DeclareInputText{223}{\textdbllowline}
1230 \DeclareInputText{224}{\hebalet}
1231 \DeclareInputText{225}{\hebbet}
1232 \DeclareInputText{226}{\hebgimel}
1233 \DeclareInputText{227}{\hebdalet}
1234 \DeclareInputText{228}{\hebhe}
1235 \DeclareInputText{229}{\hebvav}
1236 \DeclareInputText{230}{\hebzayin}
1237 \DeclareInputText{231}{\hebbet}
1238 \DeclareInputText{232}{\hebtet}
1239 \DeclareInputText{233}{\hebyod}
1240 \DeclareInputText{234}{\hebfinalkaf}
1241 \DeclareInputText{235}{\hebkafe}
1242 \DeclareInputText{236}{\heblamed}
1243 \DeclareInputText{237}{\hebfinalmem}
1244 \DeclareInputText{238}{\hebmem}
1245 \DeclareInputText{239}{\hebfinalnun}
1246 \DeclareInputText{240}{\hebnnun}
1247 \DeclareInputText{241}{\hebsamekh}
1248 \DeclareInputText{242}{\hebayin}
1249 \DeclareInputText{243}{\hebfinalpe}
1250 \DeclareInputText{244}{\hebpe}
1251 \DeclareInputText{245}{\hebfinaltsadi}
1252 \DeclareInputText{246}{\hebtsadi}
1253 \DeclareInputText{247}{\hebqof}
1254 \DeclareInputText{248}{\hebresh}
1255 \DeclareInputText{249}{\hebshin}
1256 \DeclareInputText{250}{\hebtav}
1257 \RestoreAtCatcode
1258 </iso - 8859 - 8>

```

2.5.9 Encoding iso-8859-9

```

1259 <*iso - 8859 - 9>
1260 \ProvidesFile{x-iso-8859-9.def}%
1261 [2009/12/15 v1.5 Input encoding iso-8859-9 (inputenx)]%
1262 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1263 \makeatletter
1264 \ProvideTextCommandDefault{\textasciicute}{%
1265 \@tabacckludge'}{%
1266 }
1267 \ProvideTextCommandDefault{\textasciidieresis}{%
1268 \"}{%
1269 }
1270 \ProvideTextCommandDefault{\textasciimacron}{%

```

```

1271 \@tabacckludge={}%
1272 }
1273 \ProvideTextCommandDefault{\textbrokenbar}{%
1274   \TextSymbolUnavailable\textbrokenbar
1275 }
1276 \ProvideTextCommandDefault{\textcent}{%
1277   \TextSymbolUnavailable\textcent
1278 }
1279 \ProvideTextCommandDefault{\textcurrency}{%
1280   \TextSymbolUnavailable\textcurrency
1281 }
1282 \ProvideTextCommandDefault{\textdegree}{%
1283   \ensuremath{{}^{\circ}}%
1284 }
1285 \ProvideTextCommandDefault{\textdiv}{%
1286   \TextSymbolUnavailable\textdiv
1287 }
1288 \ProvideTextCommandDefault{\textlnot}{%
1289   \ensuremath{\lnot}
1290 }
1291 \ProvideTextCommandDefault{\textmu}{%
1292   \ensuremath{\mu}
1293 }
1294 \ProvideTextCommandDefault{\textonehalf}{%
1295   \ensuremath{\frac{1}{2}}%
1296 }
1297 \ProvideTextCommandDefault{\textonequarter}{%
1298   \ensuremath{\frac{1}{4}}%
1299 }
1300 \ProvideTextCommandDefault{\textonesuperior}{%
1301   \ensuremath{{}^1}%
1302 }
1303 \ProvideTextCommandDefault{\textpm}{%
1304   \ensuremath{\pm}
1305 }
1306 \ProvideTextCommandDefault{\textthreequarters}{%
1307   \ensuremath{\frac{3}{4}}%
1308 }
1309 \ProvideTextCommandDefault{\textthreesuperior}{%
1310   \ensuremath{{}^3}%
1311 }
1312 \ProvideTextCommandDefault{\texttimes}{%
1313   \ensuremath{\times}
1314 }
1315 \ProvideTextCommandDefault{\texttwosuperior}{%
1316   \ensuremath{{}^2}%
1317 }
1318 \ProvideTextCommandDefault{\textyen}{%
1319   \TextSymbolUnavailable\textyen
1320 }
1321 \DeclareInputText{160}{\nobreakspace}
1322 \DeclareInputText{161}{\textexclamdown}
1323 \DeclareInputText{162}{\textcent}
1324 \DeclareInputText{163}{\textsterling}
1325 \DeclareInputText{164}{\textcurrency}
1326 \DeclareInputText{165}{\textyen}
1327 \DeclareInputText{166}{\textbrokenbar}
1328 \DeclareInputText{167}{\textsection}
1329 \DeclareInputText{168}{\textasciidieresis}
1330 \DeclareInputText{169}{\textcopyright}
1331 \DeclareInputText{170}{\textordfeminine}
1332 \DeclareInputText{171}{\guillemotleft}

```

```

1333 \DeclareInputText{172}{\textlnot}
1334 \DeclareInputText{173}{\textasciimacron}
1335 \DeclareInputText{174}{\textregistered}
1336 \DeclareInputText{175}{\textasciimacron}
1337 \DeclareInputText{176}{\textdegree}
1338 \DeclareInputText{177}{\textpm}
1339 \DeclareInputText{178}{\texttwosuperior}
1340 \DeclareInputText{179}{\textthreesuperior}
1341 \DeclareInputText{180}{\textasciicute}
1342 \DeclareInputText{181}{\textmu}
1343 \DeclareInputText{182}{\textparagraph}
1344 \DeclareInputText{183}{\textperiodcentered}
1345 \DeclareInputText{184}{\c\ }
1346 \DeclareInputText{185}{\textonesuperior}
1347 \DeclareInputText{186}{\textordmasculine}
1348 \DeclareInputText{187}{\guillemotright}
1349 \DeclareInputText{188}{\textonequarter}
1350 \DeclareInputText{189}{\textonehalf}
1351 \DeclareInputText{190}{\textthreequarters}
1352 \DeclareInputText{191}{\textquestiondown}
1353 \DeclareInputText{192}{\@tabacckludge'A}
1354 \DeclareInputText{193}{\@tabacckludge'A}
1355 \DeclareInputText{194}{\^A}
1356 \DeclareInputText{195}{\~A}
1357 \DeclareInputText{196}{\"A}
1358 \DeclareInputText{197}{\r A}
1359 \DeclareInputText{198}{\AE}
1360 \DeclareInputText{199}{\c C}
1361 \DeclareInputText{200}{\@tabacckludge'E}
1362 \DeclareInputText{201}{\@tabacckludge'E}
1363 \DeclareInputText{202}{\^E}
1364 \DeclareInputText{203}{\"E}
1365 \DeclareInputText{204}{\@tabacckludge'I}
1366 \DeclareInputText{205}{\@tabacckludge'I}
1367 \DeclareInputText{206}{\^I}
1368 \DeclareInputText{207}{\"I}
1369 \DeclareInputText{208}{\u G}
1370 \DeclareInputText{209}{\^N}
1371 \DeclareInputText{210}{\@tabacckludge'O}
1372 \DeclareInputText{211}{\@tabacckludge'O}
1373 \DeclareInputText{212}{\^O}
1374 \DeclareInputText{213}{\"O}
1375 \DeclareInputText{214}{\"O}
1376 \DeclareInputText{215}{\texttimes}
1377 \DeclareInputText{216}{\O}
1378 \DeclareInputText{217}{\@tabacckludge'U}
1379 \DeclareInputText{218}{\@tabacckludge'U}
1380 \DeclareInputText{219}{\^U}
1381 \DeclareInputText{220}{\"U}
1382 \DeclareInputText{221}{\c I}
1383 \DeclareInputText{222}{\c S}
1384 \DeclareInputText{223}{\ss}
1385 \DeclareInputText{224}{\@tabacckludge'a}
1386 \DeclareInputText{225}{\@tabacckludge'a}
1387 \DeclareInputText{226}{\^a}
1388 \DeclareInputText{227}{\"a}
1389 \DeclareInputText{228}{\"a}
1390 \DeclareInputText{229}{\r a}
1391 \DeclareInputText{230}{\ae}
1392 \DeclareInputText{231}{\c c}
1393 \DeclareInputText{232}{\@tabacckludge'e}
1394 \DeclareInputText{233}{\@tabacckludge'e}

```

```

1395 \DeclareInputText{234}{\`e}
1396 \DeclareInputText{235}{\`e}
1397 \DeclareInputText{236}{\@tabacckludge'\i}
1398 \DeclareInputText{237}{\@tabacckludge'\i}
1399 \DeclareInputText{238}{\`i}
1400 \DeclareInputText{239}{\`i}
1401 \DeclareInputText{240}{\u g}
1402 \DeclareInputText{241}{\`n}
1403 \DeclareInputText{242}{\@tabacckludge'o}
1404 \DeclareInputText{243}{\@tabacckludge'o}
1405 \DeclareInputText{244}{\`o}
1406 \DeclareInputText{245}{\`o}
1407 \DeclareInputText{246}{\`o}
1408 \DeclareInputText{247}{\textdiv}
1409 \DeclareInputText{248}{\o}
1410 \DeclareInputText{249}{\@tabacckludge'u}
1411 \DeclareInputText{250}{\@tabacckludge'u}
1412 \DeclareInputText{251}{\`u}
1413 \DeclareInputText{252}{\`u}
1414 \DeclareInputText{253}{\i}
1415 \DeclareInputText{254}{\c s}
1416 \DeclareInputText{255}{\`y}
1417 \RestoreAtCatcode
1418 </iso - 8859 - 9>

```

2.5.10 Encoding iso-8859-10

```

1419 <*iso - 8859 - 10>
1420 \ProvidesFile{x-iso-8859-10.def}%
1421 [2009/12/15 v1.5 Input encoding iso-8859-10 (inputenx)]%
1422 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1423 \makeatletter
1424 \ProvideTextCommandDefault{\textTstroke}{%
1425   \TextSymbolUnavailable\textTstroke
1426 }
1427 \ProvideTextCommandDefault{\textdegree}{%
1428   \ensuremath{{}^{\circ}}%
1429 }
1430 \ProvideTextCommandDefault{\texthorizontalbar}{%
1431   \mbox{---}\kern-.5em---}%
1432 }
1433 \ProvideTextCommandDefault{\textkra}{%
1434   \TextSymbolUnavailable\textkra
1435 }
1436 \ProvideTextCommandDefault{\texttstroke}{%
1437   \TextSymbolUnavailable\texttstroke
1438 }
1439 \DeclareInputText{160}{\nobreakspace}
1440 \DeclareInputText{161}{\k A}
1441 \DeclareInputText{162}{\@tabacckludge=E}
1442 \DeclareInputText{163}{\c G}
1443 \DeclareInputText{164}{\@tabacckludge=I}
1444 \DeclareInputText{165}{\`I}
1445 \DeclareInputText{166}{\c K}
1446 \DeclareInputText{167}{\textsection}
1447 \DeclareInputText{168}{\c L}
1448 \DeclareInputText{169}{\DJ}
1449 \DeclareInputText{170}{\v S}
1450 \DeclareInputText{171}{\textTstroke}
1451 \DeclareInputText{172}{\v Z}
1452 \DeclareInputText{173}{\`-}
1453 \DeclareInputText{174}{\@tabacckludge=U}
1454 \DeclareInputText{175}{\NG}
1455 \DeclareInputText{176}{\textdegree}

```

```

1456 \DeclareInputText{177}{\k a}
1457 \DeclareInputText{178}{\@tabacckludge=e}
1458 \DeclareInputText{179}{\v g}
1459 \DeclareInputText{180}{\@tabacckludge=\i}
1460 \DeclareInputText{181}{\~\i}
1461 \DeclareInputText{182}{\c k}
1462 \DeclareInputText{183}{\textperiodcentered}
1463 \DeclareInputText{184}{\c l}
1464 \DeclareInputText{185}{\dj}
1465 \DeclareInputText{186}{\v s}
1466 \DeclareInputText{187}{\texttstroke}
1467 \DeclareInputText{188}{\v z}
1468 \DeclareInputText{189}{\texthorizontalbar}
1469 \DeclareInputText{190}{\@tabacckludge=u}
1470 \DeclareInputText{191}{\ng}
1471 \DeclareInputText{192}{\@tabacckludge=A}
1472 \DeclareInputText{193}{\@tabacckludge'A}
1473 \DeclareInputText{194}{\^A}
1474 \DeclareInputText{195}{\~A}
1475 \DeclareInputText{196}{\ "A}
1476 \DeclareInputText{197}{\r A}
1477 \DeclareInputText{198}{\AE}
1478 \DeclareInputText{199}{\k I}
1479 \DeclareInputText{200}{\v C}
1480 \DeclareInputText{201}{\@tabacckludge'E}
1481 \DeclareInputText{202}{\k E}
1482 \DeclareInputText{203}{\ "E}
1483 \DeclareInputText{204}{\ .E}
1484 \DeclareInputText{205}{\@tabacckludge'I}
1485 \DeclareInputText{206}{\^I}
1486 \DeclareInputText{207}{\ "I}
1487 \DeclareInputText{208}{\DH}
1488 \DeclareInputText{209}{\c N}
1489 \DeclareInputText{210}{\@tabacckludge=0}
1490 \DeclareInputText{211}{\@tabacckludge'0}
1491 \DeclareInputText{212}{\^0}
1492 \DeclareInputText{213}{\~0}
1493 \DeclareInputText{214}{\ "0}
1494 \DeclareInputText{215}{\^U}
1495 \DeclareInputText{216}{\0}
1496 \DeclareInputText{217}{\k U}
1497 \DeclareInputText{218}{\@tabacckludge'U}
1498 \DeclareInputText{219}{\^U}
1499 \DeclareInputText{220}{\ "U}
1500 \DeclareInputText{221}{\@tabacckludge'Y}
1501 \DeclareInputText{222}{\TH}
1502 \DeclareInputText{223}{\ss}
1503 \DeclareInputText{224}{\@tabacckludge=a}
1504 \DeclareInputText{225}{\@tabacckludge'a}
1505 \DeclareInputText{226}{\^a}
1506 \DeclareInputText{227}{\~a}
1507 \DeclareInputText{228}{\ "a}
1508 \DeclareInputText{229}{\r a}
1509 \DeclareInputText{230}{\ae}
1510 \DeclareInputText{231}{\k i}
1511 \DeclareInputText{232}{\v c}
1512 \DeclareInputText{233}{\@tabacckludge'e}
1513 \DeclareInputText{234}{\k e}
1514 \DeclareInputText{235}{\ "e}
1515 \DeclareInputText{236}{\ .e}
1516 \DeclareInputText{237}{\@tabacckludge'\i}
1517 \DeclareInputText{238}{\~\i}

```

```

1518 \DeclareInputText{239}{\i}
1519 \DeclareInputText{240}{\dh}
1520 \DeclareInputText{241}{\c n}
1521 \DeclareInputText{242}{\@tabacckludge=o}
1522 \DeclareInputText{243}{\@tabacckludge'o}
1523 \DeclareInputText{244}{\~o}
1524 \DeclareInputText{245}{\o}
1525 \DeclareInputText{246}{\o}
1526 \DeclareInputText{247}{\u}
1527 \DeclareInputText{248}{\o}
1528 \DeclareInputText{249}{\k u}
1529 \DeclareInputText{250}{\@tabacckludge'u}
1530 \DeclareInputText{251}{\u}
1531 \DeclareInputText{252}{\u}
1532 \DeclareInputText{253}{\@tabacckludge'y}
1533 \DeclareInputText{254}{\th}
1534 \DeclareInputText{255}{\textkra}
1535 \RestoreAtCatcode
1536 </iso - 8859 - 10>

```

2.5.11 Encoding iso-8859-13

```

1537 <*iso - 8859 - 13>
1538 \ProvidesFile{x-iso-8859-13.def}%
1539 [2009/12/15 v1.5 Input encoding iso-8859-13 (inputenx)]%
1540 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1541 \makeatletter
1542 \ProvideTextCommandDefault{\textbrokenbar}{%
1543   \TextSymbolUnavailable\textbrokenbar
1544 }
1545 \ProvideTextCommandDefault{\textcent}{%
1546   \TextSymbolUnavailable\textcent
1547 }
1548 \ProvideTextCommandDefault{\textcurrency}{%
1549   \TextSymbolUnavailable\textcurrency
1550 }
1551 \ProvideTextCommandDefault{\textdegree}{%
1552   \ensuremath{{}^{\circ}}%
1553 }
1554 \ProvideTextCommandDefault{\textdiv}{%
1555   \TextSymbolUnavailable\textdiv
1556 }
1557 \ProvideTextCommandDefault{\textlnot}{%
1558   \ensuremath{\lnot}
1559 }
1560 \ProvideTextCommandDefault{\textmu}{%
1561   \ensuremath{\mu}
1562 }
1563 \ProvideTextCommandDefault{\textonehalf}{%
1564   \ensuremath{\frac{1}{2}}%
1565 }
1566 \ProvideTextCommandDefault{\textonequarter}{%
1567   \ensuremath{\frac{1}{4}}%
1568 }
1569 \ProvideTextCommandDefault{\textonesuperior}{%
1570   \ensuremath{{}^1}%
1571 }
1572 \ProvideTextCommandDefault{\textpm}{%
1573   \ensuremath{\pm}
1574 }
1575 \ProvideTextCommandDefault{\textthreequarters}{%
1576   \ensuremath{\frac{3}{4}}%
1577 }
1578 \ProvideTextCommandDefault{\textthreesuperior}{%

```

```

1579 \ensuremath{{^3}}}%
1580 }
1581 \ProvideTextCommandDefault{\texttimes}{%
1582 \ensuremath\times
1583 }
1584 \ProvideTextCommandDefault{\texttwosuperior}{%
1585 \ensuremath{{^2}}}%
1586 }
1587 \DeclareInputText{160}{\nobreakspace}
1588 \DeclareInputText{161}{\textquotedblright}
1589 \DeclareInputText{162}{\textcent}
1590 \DeclareInputText{163}{\textsterling}
1591 \DeclareInputText{164}{\textcurrency}
1592 \DeclareInputText{165}{\quotedblbase}
1593 \DeclareInputText{166}{\textbrokenbar}
1594 \DeclareInputText{167}{\textsection}
1595 \DeclareInputText{168}{\0}
1596 \DeclareInputText{169}{\textcopyright}
1597 \DeclareInputText{170}{\c R}
1598 \DeclareInputText{171}{\guillemotleft}
1599 \DeclareInputText{172}{\textlnot}
1600 \DeclareInputText{173}{\textasciitilde}
1601 \DeclareInputText{174}{\textregistered}
1602 \DeclareInputText{175}{\AE}
1603 \DeclareInputText{176}{\textdegree}
1604 \DeclareInputText{177}{\textpm}
1605 \DeclareInputText{178}{\texttwosuperior}
1606 \DeclareInputText{179}{\textthreesuperior}
1607 \DeclareInputText{180}{\textquotedblleft}
1608 \DeclareInputText{181}{\textmu}
1609 \DeclareInputText{182}{\textparagraph}
1610 \DeclareInputText{183}{\textperiodcentered}
1611 \DeclareInputText{184}{\o}
1612 \DeclareInputText{185}{\textonesuperior}
1613 \DeclareInputText{186}{\c r}
1614 \DeclareInputText{187}{\guillemotright}
1615 \DeclareInputText{188}{\textonequarter}
1616 \DeclareInputText{189}{\textonehalf}
1617 \DeclareInputText{190}{\textthreequarters}
1618 \DeclareInputText{191}{\ae}
1619 \DeclareInputText{192}{\k A}
1620 \DeclareInputText{193}{\k I}
1621 \DeclareInputText{194}{\@tabacckludge=A}
1622 \DeclareInputText{195}{\@tabacckludge'C}
1623 \DeclareInputText{196}{\textasciitilde A}
1624 \DeclareInputText{197}{\r A}
1625 \DeclareInputText{198}{\k E}
1626 \DeclareInputText{199}{\@tabacckludge=E}
1627 \DeclareInputText{200}{\v C}
1628 \DeclareInputText{201}{\@tabacckludge'E}
1629 \DeclareInputText{202}{\@tabacckludge'Z}
1630 \DeclareInputText{203}{\textasciitilde E}
1631 \DeclareInputText{204}{\c G}
1632 \DeclareInputText{205}{\c K}
1633 \DeclareInputText{206}{\@tabacckludge=I}
1634 \DeclareInputText{207}{\c L}
1635 \DeclareInputText{208}{\v S}
1636 \DeclareInputText{209}{\@tabacckludge'N}
1637 \DeclareInputText{210}{\c N}
1638 \DeclareInputText{211}{\@tabacckludge'O}
1639 \DeclareInputText{212}{\@tabacckludge=O}
1640 \DeclareInputText{213}{\textasciitilde O}

```

```

1641 \DeclareInputText{214}{\ "0}
1642 \DeclareInputText{215}{\texttimes}
1643 \DeclareInputText{216}{\k U}
1644 \DeclareInputText{217}{\L}
1645 \DeclareInputText{218}{\@tabacckludge'S}
1646 \DeclareInputText{219}{\@tabacckludge=U}
1647 \DeclareInputText{220}{\ "U}
1648 \DeclareInputText{221}{\ .Z}
1649 \DeclareInputText{222}{\v Z}
1650 \DeclareInputText{223}{\ss}
1651 \DeclareInputText{224}{\k a}
1652 \DeclareInputText{225}{\k i}
1653 \DeclareInputText{226}{\@tabacckludge=a}
1654 \DeclareInputText{227}{\@tabacckludge'c}
1655 \DeclareInputText{228}{\ "a}
1656 \DeclareInputText{229}{\r a}
1657 \DeclareInputText{230}{\k e}
1658 \DeclareInputText{231}{\@tabacckludge=e}
1659 \DeclareInputText{232}{\v c}
1660 \DeclareInputText{233}{\@tabacckludge'e}
1661 \DeclareInputText{234}{\@tabacckludge'z}
1662 \DeclareInputText{235}{\ .e}
1663 \DeclareInputText{236}{\v g}
1664 \DeclareInputText{237}{\c k}
1665 \DeclareInputText{238}{\@tabacckludge=\i}
1666 \DeclareInputText{239}{\c l}
1667 \DeclareInputText{240}{\v s}
1668 \DeclareInputText{241}{\@tabacckludge'n}
1669 \DeclareInputText{242}{\c n}
1670 \DeclareInputText{243}{\@tabacckludge'o}
1671 \DeclareInputText{244}{\@tabacckludge=o}
1672 \DeclareInputText{245}{\~o}
1673 \DeclareInputText{246}{\ "o}
1674 \DeclareInputText{247}{\textdiv}
1675 \DeclareInputText{248}{\k u}
1676 \DeclareInputText{249}{\l}
1677 \DeclareInputText{250}{\@tabacckludge's}
1678 \DeclareInputText{251}{\@tabacckludge=u}
1679 \DeclareInputText{252}{\ "u}
1680 \DeclareInputText{253}{\ .z}
1681 \DeclareInputText{254}{\v z}
1682 \DeclareInputText{255}{\textquoteright}
1683 \RestoreAtCatcode
1684 \</iso - 8859 - 13>

```

2.5.12 Encoding iso-8859-14

```

1685 \<iso - 8859 - 14>
1686 \ProvidesFile{x-iso-8859-14.def}%
1687 [2009/12/15 v1.5 Input encoding iso-8859-14 (inputenx)]%
1688 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1689 \makeatletter
1690 \DeclareInputText{160}{\nobreakspace}
1691 \DeclareInputText{161}{\ .B}
1692 \DeclareInputText{162}{\ .b}
1693 \DeclareInputText{163}{\textsterling}
1694 \DeclareInputText{164}{\ .C}
1695 \DeclareInputText{165}{\ .c}
1696 \DeclareInputText{166}{\ .D}
1697 \DeclareInputText{167}{\textsection}
1698 \DeclareInputText{168}{\@tabacckludge'W}
1699 \DeclareInputText{169}{\textcopyright}
1700 \DeclareInputText{170}{\@tabacckludge'W}
1701 \DeclareInputText{171}{\ .d}

```



```

1702 \DeclareInputText{172}{\@tabacckludge'Y}
1703 \DeclareInputText{173}{\ -}
1704 \DeclareInputText{174}{\textregistered}
1705 \DeclareInputText{175}{\ "Y}
1706 \DeclareInputText{176}{\ .F}
1707 \DeclareInputText{177}{\ .f}
1708 \DeclareInputText{178}{\ .G}
1709 \DeclareInputText{179}{\ .g}
1710 \DeclareInputText{180}{\ .M}
1711 \DeclareInputText{181}{\ .m}
1712 \DeclareInputText{182}{\textparagraph}
1713 \DeclareInputText{183}{\ .P}
1714 \DeclareInputText{184}{\@tabacckludge'w}
1715 \DeclareInputText{185}{\ .p}
1716 \DeclareInputText{186}{\@tabacckludge'w}
1717 \DeclareInputText{187}{\ .S}
1718 \DeclareInputText{188}{\@tabacckludge'y}
1719 \DeclareInputText{189}{\ "W}
1720 \DeclareInputText{190}{\ "w}
1721 \DeclareInputText{191}{\ .s}
1722 \DeclareInputText{192}{\@tabacckludge'A}
1723 \DeclareInputText{193}{\@tabacckludge'A}
1724 \DeclareInputText{194}{\ ^A}
1725 \DeclareInputText{195}{\ ^A}
1726 \DeclareInputText{196}{\ "A}
1727 \DeclareInputText{197}{\ r A}
1728 \DeclareInputText{198}{\ AE}
1729 \DeclareInputText{199}{\ c C}
1730 \DeclareInputText{200}{\@tabacckludge'E}
1731 \DeclareInputText{201}{\@tabacckludge'E}
1732 \DeclareInputText{202}{\ ^E}
1733 \DeclareInputText{203}{\ "E}
1734 \DeclareInputText{204}{\@tabacckludge'I}
1735 \DeclareInputText{205}{\@tabacckludge'I}
1736 \DeclareInputText{206}{\ ^I}
1737 \DeclareInputText{207}{\ "I}
1738 \DeclareInputText{208}{\ ^W}
1739 \DeclareInputText{209}{\ ^N}
1740 \DeclareInputText{210}{\@tabacckludge'O}
1741 \DeclareInputText{211}{\@tabacckludge'O}
1742 \DeclareInputText{212}{\ ^O}
1743 \DeclareInputText{213}{\ ^O}
1744 \DeclareInputText{214}{\ "O}
1745 \DeclareInputText{215}{\ .T}
1746 \DeclareInputText{216}{\ O}
1747 \DeclareInputText{217}{\@tabacckludge'U}
1748 \DeclareInputText{218}{\@tabacckludge'U}
1749 \DeclareInputText{219}{\ ^U}
1750 \DeclareInputText{220}{\ "U}
1751 \DeclareInputText{221}{\@tabacckludge'Y}
1752 \DeclareInputText{222}{\ ^Y}
1753 \DeclareInputText{223}{\ ss}
1754 \DeclareInputText{224}{\@tabacckludge'a}
1755 \DeclareInputText{225}{\@tabacckludge'a}
1756 \DeclareInputText{226}{\ ^a}
1757 \DeclareInputText{227}{\ ^a}
1758 \DeclareInputText{228}{\ "a}
1759 \DeclareInputText{229}{\ r a}
1760 \DeclareInputText{230}{\ ae}
1761 \DeclareInputText{231}{\ c c}
1762 \DeclareInputText{232}{\@tabacckludge'e}
1763 \DeclareInputText{233}{\@tabacckludge'e}

```

```

1764 \DeclareInputText{234}{\`e}
1765 \DeclareInputText{235}{\"e}
1766 \DeclareInputText{236}{\@tabacckludge'\i}
1767 \DeclareInputText{237}{\@tabacckludge'\i}
1768 \DeclareInputText{238}{\`i}
1769 \DeclareInputText{239}{\"i}
1770 \DeclareInputText{240}{\`w}
1771 \DeclareInputText{241}{\`n}
1772 \DeclareInputText{242}{\@tabacckludge'o}
1773 \DeclareInputText{243}{\@tabacckludge'o}
1774 \DeclareInputText{244}{\`o}
1775 \DeclareInputText{245}{\`o}
1776 \DeclareInputText{246}{\"o}
1777 \DeclareInputText{247}{\`t}
1778 \DeclareInputText{248}{o}
1779 \DeclareInputText{249}{\@tabacckludge'u}
1780 \DeclareInputText{250}{\@tabacckludge'u}
1781 \DeclareInputText{251}{\`u}
1782 \DeclareInputText{252}{\"u}
1783 \DeclareInputText{253}{\@tabacckludge'y}
1784 \DeclareInputText{254}{\`y}
1785 \DeclareInputText{255}{\"y}
1786 \RestoreAtCatcode
1787 </iso - 8859 - 14>

```

2.5.13 Encoding iso-8859-15

```

1788 <*iso - 8859 - 15>
1789 \ProvidesFile{x-iso-8859-15.def}%
1790 [2009/12/15 v1.5 Input encoding iso-8859-15 (inputenx)]%
1791 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1792 \makeatletter
1793 \ProvideTextCommandDefault{\textasciimacron}{%
1794   \@tabacckludge={}%
1795 }
1796 \ProvideTextCommandDefault{\textcent}{%
1797   \TextSymbolUnavailable\textcent
1798 }
1799 \ProvideTextCommandDefault{\textdegree}{%
1800   \ensuremath{{}^{\circ}}}%
1801 }
1802 \ProvideTextCommandDefault{\textdiv}{%
1803   \TextSymbolUnavailable\textdiv
1804 }
1805 \ProvideTextCommandDefault{\texteuro}{%
1806   \TextSymbolUnavailable\texteuro
1807 }
1808 \ProvideTextCommandDefault{\textlnot}{%
1809   \ensuremath{\lnot}
1810 }
1811 \ProvideTextCommandDefault{\textmu}{%
1812   \ensuremath{\mu}
1813 }
1814 \ProvideTextCommandDefault{\textonesuperior}{%
1815   \ensuremath{{}^1}}%
1816 }
1817 \ProvideTextCommandDefault{\textpm}{%
1818   \ensuremath{\pm}
1819 }
1820 \ProvideTextCommandDefault{\textthreesuperior}{%
1821   \ensuremath{{}^3}}%
1822 }
1823 \ProvideTextCommandDefault{\texttimes}{%
1824   \ensuremath{\times}

```

```

1825 }
1826 \ProvideTextCommandDefault{\texttwosuperior}{%
1827   \ensuremath{{}^2}}%
1828 }
1829 \ProvideTextCommandDefault{\textyen}{%
1830   \TextSymbolUnavailable\textyen
1831 }
1832 \DeclareInputText{160}{\nobreakspace}
1833 \DeclareInputText{161}{\textexclamdown}
1834 \DeclareInputText{162}{\textcent}
1835 \DeclareInputText{163}{\textsterling}
1836 \DeclareInputText{164}{\texteuro}
1837 \DeclareInputText{165}{\textyen}
1838 \DeclareInputText{166}{\v S}
1839 \DeclareInputText{167}{\textsection}
1840 \DeclareInputText{168}{\v s}
1841 \DeclareInputText{169}{\textcopyright}
1842 \DeclareInputText{170}{\textordfeminine}
1843 \DeclareInputText{171}{\guillemotleft}
1844 \DeclareInputText{172}{\textlnot}
1845 \DeclareInputText{173}{\textasciimacron}
1846 \DeclareInputText{174}{\textregistered}
1847 \DeclareInputText{175}{\textdegree}
1848 \DeclareInputText{176}{\textpm}
1849 \DeclareInputText{177}{\texttpm}
1850 \DeclareInputText{178}{\texttwosuperior}
1851 \DeclareInputText{179}{\textthreesuperior}
1852 \DeclareInputText{180}{\v Z}
1853 \DeclareInputText{181}{\textmu}
1854 \DeclareInputText{182}{\textparagraph}
1855 \DeclareInputText{183}{\textperiodcentered}
1856 \DeclareInputText{184}{\v z}
1857 \DeclareInputText{185}{\textonesuperior}
1858 \DeclareInputText{186}{\textordmasculine}
1859 \DeclareInputText{187}{\guillemotright}
1860 \DeclareInputText{188}{\OE}
1861 \DeclareInputText{189}{\oe}
1862 \DeclareInputText{190}{\Y}
1863 \DeclareInputText{191}{\textquestiondown}
1864 \DeclareInputText{192}{\@tabacckludge'A}
1865 \DeclareInputText{193}{\@tabacckludge'A}
1866 \DeclareInputText{194}{\^A}
1867 \DeclareInputText{195}{\~A}
1868 \DeclareInputText{196}{\A}
1869 \DeclareInputText{197}{\r A}
1870 \DeclareInputText{198}{\AE}
1871 \DeclareInputText{199}{\c C}
1872 \DeclareInputText{200}{\@tabacckludge'E}
1873 \DeclareInputText{201}{\@tabacckludge'E}
1874 \DeclareInputText{202}{\^E}
1875 \DeclareInputText{203}{\E}
1876 \DeclareInputText{204}{\@tabacckludge'I}
1877 \DeclareInputText{205}{\@tabacckludge'I}
1878 \DeclareInputText{206}{\^I}
1879 \DeclareInputText{207}{\I}
1880 \DeclareInputText{208}{\DH}
1881 \DeclareInputText{209}{\N}
1882 \DeclareInputText{210}{\@tabacckludge'O}
1883 \DeclareInputText{211}{\@tabacckludge'O}
1884 \DeclareInputText{212}{\^O}
1885 \DeclareInputText{213}{\O}
1886 \DeclareInputText{214}{\O}

```

```

1887 \DeclareInputText{215}{\texttimes}
1888 \DeclareInputText{216}{\0}
1889 \DeclareInputText{217}{\@tabacckludge'U}
1890 \DeclareInputText{218}{\@tabacckludge'U}
1891 \DeclareInputText{219}{\^U}
1892 \DeclareInputText{220}{\"U}
1893 \DeclareInputText{221}{\@tabacckludge'Y}
1894 \DeclareInputText{222}{\TH}
1895 \DeclareInputText{223}{\ss}
1896 \DeclareInputText{224}{\@tabacckludge'a}
1897 \DeclareInputText{225}{\@tabacckludge'a}
1898 \DeclareInputText{226}{\^a}
1899 \DeclareInputText{227}{\~a}
1900 \DeclareInputText{228}{\"a}
1901 \DeclareInputText{229}{\r a}
1902 \DeclareInputText{230}{\ae}
1903 \DeclareInputText{231}{\c c}
1904 \DeclareInputText{232}{\@tabacckludge'e}
1905 \DeclareInputText{233}{\@tabacckludge'e}
1906 \DeclareInputText{234}{\^e}
1907 \DeclareInputText{235}{\"e}
1908 \DeclareInputText{236}{\@tabacckludge'i}
1909 \DeclareInputText{237}{\@tabacckludge'i}
1910 \DeclareInputText{238}{\^i}
1911 \DeclareInputText{239}{\"i}
1912 \DeclareInputText{240}{\dh}
1913 \DeclareInputText{241}{\^n}
1914 \DeclareInputText{242}{\@tabacckludge'o}
1915 \DeclareInputText{243}{\@tabacckludge'o}
1916 \DeclareInputText{244}{\^o}
1917 \DeclareInputText{245}{\~o}
1918 \DeclareInputText{246}{\"o}
1919 \DeclareInputText{247}{\textdiv}
1920 \DeclareInputText{248}{\o}
1921 \DeclareInputText{249}{\@tabacckludge'u}
1922 \DeclareInputText{250}{\@tabacckludge'u}
1923 \DeclareInputText{251}{\^u}
1924 \DeclareInputText{252}{\"u}
1925 \DeclareInputText{253}{\@tabacckludge'y}
1926 \DeclareInputText{254}{\th}
1927 \DeclareInputText{255}{\^y}
1928 \RestoreAtCatcode
1929 \</iso - 8859 - 15>

```

2.5.14 Encoding iso-8859-16

```

1930 \<iso - 8859 - 16>
1931 \ProvidesFile{x-iso-8859-16.def}%
1932 [2009/12/15 v1.5 Input encoding iso-8859-16 (inputenx)]%
1933 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1934 \makeatletter
1935 \ProvideTextCommandDefault{\textcommabelow}[1]{%
1936   \hmode\bgroup
1937     \oalign{%
1938       \null#1\cr
1939       \hidewidth
1940       \raise-.31ex\hbox{%
1941         \check@mathfonts
1942         \fontsize\ssf@size\z@
1943         \math@fontsfalse\selectfont,%
1944       }%
1945     \hidewidth
1946   }%
1947 \egroup

```

```

1948 }
1949 \ProvideTextCommandDefault{\textdegree}{%
1950   \ensuremath{{}^{\circ}}}%
1951 }
1952 \ProvideTextCommandDefault{\texteuro}{%
1953   \TextSymbolUnavailable\texteuro
1954 }
1955 \ProvideTextCommandDefault{\textpm}{%
1956   \ensuremath{\text{pm}}
1957 }
1958 \DeclareInputText{160}{\nobreakspace}
1959 \DeclareInputText{161}{\k A}
1960 \DeclareInputText{162}{\k a}
1961 \DeclareInputText{163}{\L}
1962 \DeclareInputText{164}{\texteuro}
1963 \DeclareInputText{165}{\quotedblbase}
1964 \DeclareInputText{166}{\v S}
1965 \DeclareInputText{167}{\textsection}
1966 \DeclareInputText{168}{\v s}
1967 \DeclareInputText{169}{\textcopyright}
1968 \DeclareInputText{170}{\textcommabelow S}
1969 \DeclareInputText{171}{\guillemotleft}
1970 \DeclareInputText{172}{\@tabacckludge'Z}
1971 \DeclareInputText{173}{\textasciitilde}
1972 \DeclareInputText{174}{\@tabacckludge'z}
1973 \DeclareInputText{175}{\textasciicaron}
1974 \DeclareInputText{176}{\textdegree}
1975 \DeclareInputText{177}{\textpm}
1976 \DeclareInputText{178}{\v C}
1977 \DeclareInputText{179}{\l}
1978 \DeclareInputText{180}{\v Z}
1979 \DeclareInputText{181}{\textquotedblright}
1980 \DeclareInputText{182}{\textparagraph}
1981 \DeclareInputText{183}{\textperiodcentered}
1982 \DeclareInputText{184}{\v z}
1983 \DeclareInputText{185}{\v c}
1984 \DeclareInputText{186}{\textcommabelow s}
1985 \DeclareInputText{187}{\guillemotright}
1986 \DeclareInputText{188}{\OE}
1987 \DeclareInputText{189}{\oe}
1988 \DeclareInputText{190}{\textasciity}
1989 \DeclareInputText{191}{\textasciiz}
1990 \DeclareInputText{192}{\@tabacckludge'A}
1991 \DeclareInputText{193}{\@tabacckludge'A}
1992 \DeclareInputText{194}{\textasciicircum A}
1993 \DeclareInputText{195}{\u A}
1994 \DeclareInputText{196}{\textasciicircum "A}
1995 \DeclareInputText{197}{\@tabacckludge'C}
1996 \DeclareInputText{198}{\textasciicircum AE}
1997 \DeclareInputText{199}{\c C}
1998 \DeclareInputText{200}{\@tabacckludge'E}
1999 \DeclareInputText{201}{\@tabacckludge'E}
2000 \DeclareInputText{202}{\textasciicircum E}
2001 \DeclareInputText{203}{\textasciicircum "E}
2002 \DeclareInputText{204}{\@tabacckludge'I}
2003 \DeclareInputText{205}{\@tabacckludge'I}
2004 \DeclareInputText{206}{\textasciicircum I}
2005 \DeclareInputText{207}{\textasciicircum "I}
2006 \DeclareInputText{208}{\DJ}
2007 \DeclareInputText{209}{\@tabacckludge'N}
2008 \DeclareInputText{210}{\@tabacckludge'O}
2009 \DeclareInputText{211}{\@tabacckludge'O}

```

```

2010 \DeclareInputText{212}{\`0}
2011 \DeclareInputText{213}{\H 0}
2012 \DeclareInputText{214}{\`0}
2013 \DeclareInputText{215}{\@tabacckludge'S}
2014 \DeclareInputText{216}{\H U}
2015 \DeclareInputText{217}{\@tabacckludge'U}
2016 \DeclareInputText{218}{\@tabacckludge'U}
2017 \DeclareInputText{219}{\`U}
2018 \DeclareInputText{220}{\`U}
2019 \DeclareInputText{221}{\k E}
2020 \DeclareInputText{222}{\textcommabelow T}
2021 \DeclareInputText{223}{\ss}
2022 \DeclareInputText{224}{\@tabacckludge'a}
2023 \DeclareInputText{225}{\@tabacckludge'a}
2024 \DeclareInputText{226}{\`a}
2025 \DeclareInputText{227}{\u a}
2026 \DeclareInputText{228}{\`a}
2027 \DeclareInputText{229}{\@tabacckludge'c}
2028 \DeclareInputText{230}{\ae}
2029 \DeclareInputText{231}{\c c}
2030 \DeclareInputText{232}{\@tabacckludge'e}
2031 \DeclareInputText{233}{\@tabacckludge'e}
2032 \DeclareInputText{234}{\`e}
2033 \DeclareInputText{235}{\`e}
2034 \DeclareInputText{236}{\@tabacckludge'i}
2035 \DeclareInputText{237}{\@tabacckludge'i}
2036 \DeclareInputText{238}{\`i}
2037 \DeclareInputText{239}{\`i}
2038 \DeclareInputText{240}{\dj}
2039 \DeclareInputText{241}{\@tabacckludge'n}
2040 \DeclareInputText{242}{\@tabacckludge'o}
2041 \DeclareInputText{243}{\@tabacckludge'o}
2042 \DeclareInputText{244}{\`o}
2043 \DeclareInputText{245}{\H o}
2044 \DeclareInputText{246}{\`o}
2045 \DeclareInputText{247}{\@tabacckludge's}
2046 \DeclareInputText{248}{\H u}
2047 \DeclareInputText{249}{\@tabacckludge'u}
2048 \DeclareInputText{250}{\@tabacckludge'u}
2049 \DeclareInputText{251}{\`u}
2050 \DeclareInputText{252}{\`u}
2051 \DeclareInputText{253}{\k e}
2052 \DeclareInputText{254}{\textcommabelow t}
2053 \DeclareInputText{255}{\`y}
2054 \RestoreAtCatcode
2055 </iso - 8859 - 16>

```

2.5.15 Encoding cp437

```

2056 <*cp437>
2057 \ProvidesFile{x-cp437.def}%
2058 [2009/12/15 v1.5 Input encoding cp437 (inputenx)]%
2059 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2060 \makeatletter
2061 \ProvideTextCommandDefault{\textGamma}{%
2062   \ensuremath\Gamma
2063 }
2064 \ProvideTextCommandDefault{\textOmega}{%
2065   \ensuremath\Omega
2066 }
2067 \ProvideTextCommandDefault{\textPhi}{%
2068   \ensuremath\Phi
2069 }
2070 \ProvideTextCommandDefault{\textSigma}{%

```

```

2071 \ensuremath\Sigma
2072 }
2073 \ProvideTextCommandDefault{\textTheta}{%
2074 \ensuremath\Theta
2075 }
2076 \ProvideTextCommandDefault{\textalpha}{%
2077 \ensuremath\alpha
2078 }
2079 \ProvideTextCommandDefault{\textapproxequal}{%
2080 \ensuremath\approx
2081 }
2082 \ProvideTextCommandDefault{\textblacksquare}{%
2083 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2084 }
2085 \ProvideTextCommandDefault{\textcent}{%
2086 \TextSymbolUnavailable\textcent
2087 }
2088 \ProvideTextCommandDefault{\textdegree}{%
2089 \ensuremath{{}^\circ}%
2090 }
2091 \ProvideTextCommandDefault{\textdelta}{%
2092 \ensuremath\delta
2093 }
2094 \ProvideTextCommandDefault{\textdiv}{%
2095 \TextSymbolUnavailable\textdiv
2096 }
2097 \ProvideTextCommandDefault{\textepsilon}{%
2098 \ensuremath\varepsilon
2099 }
2100 \ProvideTextCommandDefault{\textequivalence}{%
2101 \ensuremath\equiv
2102 }
2103 \ProvideTextCommandDefault{\textflorin}{%
2104 \textit{f}%
2105 }
2106 \ProvideTextCommandDefault{\textgreaterorequal}{%
2107 \ensuremath\geq
2108 }
2109 \ProvideTextCommandDefault{\textinfinity}{%
2110 \ensuremath\infty
2111 }
2112 \ProvideTextCommandDefault{\textintersection}{%
2113 \ensuremath\cap
2114 }
2115 \ProvideTextCommandDefault{\textlessequal}{%
2116 \ensuremath\leq
2117 }
2118 \ProvideTextCommandDefault{\textlnot}{%
2119 \ensuremath\not
2120 }
2121 \ProvideTextCommandDefault{\textmu}{%
2122 \ensuremath\mu
2123 }
2124 \ProvideTextCommandDefault{\textnsuperior}{%
2125 \ensuremath{{}^n}%
2126 }
2127 \ProvideTextCommandDefault{\textonehalf}{%
2128 \ensuremath{\frac{1}{2}}%
2129 }
2130 \ProvideTextCommandDefault{\textonequarter}{%
2131 \ensuremath{\frac{1}{4}}%
2132 }

```

```

2133 \ProvideTextCommandDefault{\textpeseta}{%
2134   Pt%
2135 }
2136 \ProvideTextCommandDefault{\textphi}{%
2137   \ensuremath{\phi}
2138 }
2139 \ProvideTextCommandDefault{\textpi}{%
2140   \ensuremath{\pi}
2141 }
2142 \ProvideTextCommandDefault{\textpm}{%
2143   \ensuremath{\pm}
2144 }
2145 \ProvideTextCommandDefault{\textrevlogicalnot}{%
2146   \begingroup
2147     \ifundefined{reflectbox}{%
2148       \TextSymbolUnavailable\textrevlogicalnot
2149     }{%
2150       \def\@revlogicalnot##1##2{%
2151         \reflectbox{$##1##2$}%
2152       }%
2153       \ensuremath{\mathpalette{\@revlogicalnot}\lnot}%
2154     }%
2155   \endgroup
2156 }
2157 \ProvideTextCommandDefault{\textsigma}{%
2158   \ensuremath{\sigma}
2159 }
2160 \ProvideTextCommandDefault{\textsurd}{%
2161   \ensuremath{\surd}
2162 }
2163 \ProvideTextCommandDefault{\texttau}{%
2164   \ensuremath{\tau}
2165 }
2166 \ProvideTextCommandDefault{\texttwosuperior}{%
2167   \ensuremath{{}^2}%
2168 }
2169 \ProvideTextCommandDefault{\textyen}{%
2170   \TextSymbolUnavailable\textyen
2171 }
2172 \DeclareInputText{128}{\c C}
2173 \DeclareInputText{129}{\u}
2174 \DeclareInputText{130}{\@tabacckludge'e}
2175 \DeclareInputText{131}{\^a}
2176 \DeclareInputText{132}{\a}
2177 \DeclareInputText{133}{\@tabacckludge'a}
2178 \DeclareInputText{134}{\r a}
2179 \DeclareInputText{135}{\c c}
2180 \DeclareInputText{136}{\^e}
2181 \DeclareInputText{137}{\e}
2182 \DeclareInputText{138}{\@tabacckludge'e}
2183 \DeclareInputText{139}{\i}
2184 \DeclareInputText{140}{\^i}
2185 \DeclareInputText{141}{\@tabacckludge'i}
2186 \DeclareInputText{142}{\A}
2187 \DeclareInputText{143}{\r A}
2188 \DeclareInputText{144}{\@tabacckludge'E}
2189 \DeclareInputText{145}{\ae}
2190 \DeclareInputText{146}{\AE}
2191 \DeclareInputText{147}{\^o}
2192 \DeclareInputText{148}{\o}
2193 \DeclareInputText{149}{\@tabacckludge'o}
2194 \DeclareInputText{150}{\^u}

```



```

2195 \DeclareInputText{151}{\@tabacckludge'u}
2196 \DeclareInputText{152}{\ "y}
2197 \DeclareInputText{153}{\ "0}
2198 \DeclareInputText{154}{\ "U}
2199 \DeclareInputText{155}{\textcent}
2200 \DeclareInputText{156}{\textsterling}
2201 \DeclareInputText{157}{\textyen}
2202 \DeclareInputText{158}{\textpeseta}
2203 \DeclareInputText{159}{\textflorin}
2204 \DeclareInputText{160}{\@tabacckludge'a}
2205 \DeclareInputText{161}{\@tabacckludge'i}
2206 \DeclareInputText{162}{\@tabacckludge'o}
2207 \DeclareInputText{163}{\@tabacckludge'u}
2208 \DeclareInputText{164}{\ ~n}
2209 \DeclareInputText{165}{\ ~N}
2210 \DeclareInputText{166}{\textordfeminine}
2211 \DeclareInputText{167}{\textordmasculine}
2212 \DeclareInputText{168}{\textquestiondown}
2213 \DeclareInputText{169}{\textrevlogicalnot}
2214 \DeclareInputText{170}{\textlnot}
2215 \DeclareInputText{171}{\textonehalf}
2216 \DeclareInputText{172}{\textonequarter}
2217 \DeclareInputText{173}{\textexclamdown}
2218 \DeclareInputText{174}{\guillemotleft}
2219 \DeclareInputText{175}{\guillemotright}
2220 \DeclareInputText{176}{\textltshade}
2221 \DeclareInputText{177}{\textshade}
2222 \DeclareInputText{178}{\textdkshade}
2223 \DeclareInputText{179}{\textSFxi}
2224 \DeclareInputText{180}{\textSFix}
2225 \DeclareInputText{181}{\textSFxix}
2226 \DeclareInputText{182}{\textSFxx}
2227 \DeclareInputText{183}{\textSFxxi}
2228 \DeclareInputText{184}{\textSFxxii}
2229 \DeclareInputText{185}{\textSFxxiii}
2230 \DeclareInputText{186}{\textSFxxiv}
2231 \DeclareInputText{187}{\textSFxxv}
2232 \DeclareInputText{188}{\textSFxxvi}
2233 \DeclareInputText{189}{\textSFxxvii}
2234 \DeclareInputText{190}{\textSFxxviii}
2235 \DeclareInputText{191}{\textSFiii}
2236 \DeclareInputText{192}{\textSFii}
2237 \DeclareInputText{193}{\textSFvii}
2238 \DeclareInputText{194}{\textSFvi}
2239 \DeclareInputText{195}{\textSFviii}
2240 \DeclareInputText{196}{\textSFx}
2241 \DeclareInputText{197}{\textSFv}
2242 \DeclareInputText{198}{\textSFxxxvi}
2243 \DeclareInputText{199}{\textSFxxxvii}
2244 \DeclareInputText{200}{\textSFxxxviii}
2245 \DeclareInputText{201}{\textSFxxxix}
2246 \DeclareInputText{202}{\textSFxl}
2247 \DeclareInputText{203}{\textSFxli}
2248 \DeclareInputText{204}{\textSFxlii}
2249 \DeclareInputText{205}{\textSFxliii}
2250 \DeclareInputText{206}{\textSFxliv}
2251 \DeclareInputText{207}{\textSFxlv}
2252 \DeclareInputText{208}{\textSFxlvi}
2253 \DeclareInputText{209}{\textSFxlvii}
2254 \DeclareInputText{210}{\textSFxlviii}
2255 \DeclareInputText{211}{\textSFxl ix}
2256 \DeclareInputText{212}{\textSF1}

```

```

2257 \DeclareInputText{213}{\textSFli}
2258 \DeclareInputText{214}{\textSFlii}
2259 \DeclareInputText{215}{\textSFliii}
2260 \DeclareInputText{216}{\textSFliv}
2261 \DeclareInputText{217}{\textSFiv}
2262 \DeclareInputText{218}{\textSFi}
2263 \DeclareInputText{219}{\texttblock}
2264 \DeclareInputText{220}{\texttdnblock}
2265 \DeclareInputText{221}{\textlfblock}
2266 \DeclareInputText{222}{\textrtblock}
2267 \DeclareInputText{223}{\textupblock}
2268 \DeclareInputText{224}{\textalpha}
2269 \DeclareInputText{225}{\ss}
2270 \DeclareInputText{226}{\textGamma}
2271 \DeclareInputText{227}{\textpi}
2272 \DeclareInputText{228}{\textSigma}
2273 \DeclareInputText{229}{\textsigma}
2274 \DeclareInputText{230}{\textmu}
2275 \DeclareInputText{231}{\texttau}
2276 \DeclareInputText{232}{\textPhi}
2277 \DeclareInputText{233}{\textTheta}
2278 \DeclareInputText{234}{\textOmega}
2279 \DeclareInputText{235}{\textdelta}
2280 \DeclareInputText{236}{\textinfinity}
2281 \DeclareInputText{237}{\textphi}
2282 \DeclareInputText{238}{\textepsilon}
2283 \DeclareInputText{239}{\textintersection}
2284 \DeclareInputText{240}{\textequivalence}
2285 \DeclareInputText{241}{\textpm}
2286 \DeclareInputText{242}{\textgreaterequal}
2287 \DeclareInputText{243}{\textlessequal}
2288 \DeclareInputText{246}{\textdiv}
2289 \DeclareInputText{247}{\textapproxequal}
2290 \DeclareInputText{248}{\textdegree}
2291 \DeclareInputText{249}{\textbullet}
2292 \DeclareInputText{250}{\textperiodcentered}
2293 \DeclareInputText{251}{\textsurd}
2294 \DeclareInputText{252}{\textnsuperior}
2295 \DeclareInputText{253}{\texttwosuperior}
2296 \DeclareInputText{254}{\textblacksquare}
2297 \DeclareInputText{255}{\nobreakspace}
2298 \RestoreAtCatcode
2299 \</cp437>

```

2.5.16 Encoding cp850

```

2300 \<cp850>
2301 \ProvidesFile{x-cp850.def}%
2302 [2009/12/15 v1.5 Input encoding cp850 (inputenx)]%
2303 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2304 \makeatletter
2305 \ProvideTextCommandDefault{\textasciicute}{%
2306   \@tabacckludge'}{%
2307 }
2308 \ProvideTextCommandDefault{\textasciidieresis}{%
2309   \"{}}%
2310 }
2311 \ProvideTextCommandDefault{\textasciimacron}{%
2312   \@tabacckludge={}}%
2313 }
2314 \ProvideTextCommandDefault{\textblacksquare}{%
2315   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2316 }
2317 \ProvideTextCommandDefault{\textbrokenbar}{%

```

```

2318 \TextSymbolUnavailable\textbrokenbar
2319 }
2320 \ProvideTextCommandDefault{\textcent}{%
2321 \TextSymbolUnavailable\textcent
2322 }
2323 \ProvideTextCommandDefault{\textcurrency}{%
2324 \TextSymbolUnavailable\textcurrency
2325 }
2326 \ProvideTextCommandDefault{\textdbllowline}{%
2327 \begingroup
2328 \sbox0{\textunderscore}%
2329 \leavevmode
2330 \ifdim\dp0<.2ex\relax
2331 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2332 \else
2333 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2334 \fi
2335 \textunderscore
2336 \endgroup
2337 }
2338 \ProvideTextCommandDefault{\textdegree}{%
2339 \ensuremath{{}^{\circ}}%
2340 }
2341 \ProvideTextCommandDefault{\textdiv}{%
2342 \TextSymbolUnavailable\textdiv
2343 }
2344 \ProvideTextCommandDefault{\textflorin}{%
2345 \textit{f}%
2346 }
2347 \ProvideTextCommandDefault{\textlnot}{%
2348 \ensuremath{\lnot}
2349 }
2350 \ProvideTextCommandDefault{\textmu}{%
2351 \ensuremath{\mu}
2352 }
2353 \ProvideTextCommandDefault{\textonehalf}{%
2354 \ensuremath{\frac{1}{2}}%
2355 }
2356 \ProvideTextCommandDefault{\textonequarter}{%
2357 \ensuremath{\frac{1}{4}}%
2358 }
2359 \ProvideTextCommandDefault{\textonesuperior}{%
2360 \ensuremath{{}^1}%
2361 }
2362 \ProvideTextCommandDefault{\textpm}{%
2363 \ensuremath{\pm}
2364 }
2365 \ProvideTextCommandDefault{\textthreequarters}{%
2366 \ensuremath{\frac{3}{4}}%
2367 }
2368 \ProvideTextCommandDefault{\textthreesuperior}{%
2369 \ensuremath{{}^3}%
2370 }
2371 \ProvideTextCommandDefault{\texttimes}{%
2372 \ensuremath{\times}
2373 }
2374 \ProvideTextCommandDefault{\texttwosuperior}{%
2375 \ensuremath{{}^2}%
2376 }
2377 \ProvideTextCommandDefault{\textyen}{%
2378 \TextSymbolUnavailable\textyen
2379 }

```

```

2380 \DeclareInputText{128}{\c C}
2381 \DeclareInputText{129}{\u}
2382 \DeclareInputText{130}{\@tabacckludge'e}
2383 \DeclareInputText{131}{\^a}
2384 \DeclareInputText{132}{\a}
2385 \DeclareInputText{133}{\@tabacckludge'a}
2386 \DeclareInputText{134}{\r a}
2387 \DeclareInputText{135}{\c c}
2388 \DeclareInputText{136}{\^e}
2389 \DeclareInputText{137}{\e}
2390 \DeclareInputText{138}{\@tabacckludge'e}
2391 \DeclareInputText{139}{\i}
2392 \DeclareInputText{140}{\^i}
2393 \DeclareInputText{141}{\@tabacckludge'i}
2394 \DeclareInputText{142}{\A}
2395 \DeclareInputText{143}{\r A}
2396 \DeclareInputText{144}{\@tabacckludge'E}
2397 \DeclareInputText{145}{\ae}
2398 \DeclareInputText{146}{\AE}
2399 \DeclareInputText{147}{\^o}
2400 \DeclareInputText{148}{\o}
2401 \DeclareInputText{149}{\@tabacckludge'o}
2402 \DeclareInputText{150}{\^u}
2403 \DeclareInputText{151}{\@tabacckludge'u}
2404 \DeclareInputText{152}{\y}
2405 \DeclareInputText{153}{\O}
2406 \DeclareInputText{154}{\U}
2407 \DeclareInputText{155}{\o}
2408 \DeclareInputText{156}{\textsterling}
2409 \DeclareInputText{157}{\O}
2410 \DeclareInputText{158}{\texttimes}
2411 \DeclareInputText{159}{\textflorin}
2412 \DeclareInputText{160}{\@tabacckludge'a}
2413 \DeclareInputText{161}{\@tabacckludge'i}
2414 \DeclareInputText{162}{\@tabacckludge'o}
2415 \DeclareInputText{163}{\@tabacckludge'u}
2416 \DeclareInputText{164}{\^n}
2417 \DeclareInputText{165}{\^N}
2418 \DeclareInputText{166}{\textordfeminine}
2419 \DeclareInputText{167}{\textordmasculine}
2420 \DeclareInputText{168}{\textquestiondown}
2421 \DeclareInputText{169}{\textregistered}
2422 \DeclareInputText{170}{\textlnot}
2423 \DeclareInputText{171}{\textonehalf}
2424 \DeclareInputText{172}{\textonequarter}
2425 \DeclareInputText{173}{\textexclamdown}
2426 \DeclareInputText{174}{\guillemotleft}
2427 \DeclareInputText{175}{\guillemotright}
2428 \DeclareInputText{176}{\textltshade}
2429 \DeclareInputText{177}{\textshade}
2430 \DeclareInputText{178}{\textdkshade}
2431 \DeclareInputText{179}{\textSFxi}
2432 \DeclareInputText{180}{\textSFix}
2433 \DeclareInputText{181}{\@tabacckludge'A}
2434 \DeclareInputText{182}{\^A}
2435 \DeclareInputText{183}{\@tabacckludge'A}
2436 \DeclareInputText{184}{\textcopyright}
2437 \DeclareInputText{185}{\textSFxxiii}
2438 \DeclareInputText{186}{\textSFxxiv}
2439 \DeclareInputText{187}{\textSFxxv}
2440 \DeclareInputText{188}{\textSFxxvi}
2441 \DeclareInputText{189}{\textcent}

```

```

2442 \DeclareInputText{190}{\textyen}
2443 \DeclareInputText{191}{\textSFiii}
2444 \DeclareInputText{192}{\textSFii}
2445 \DeclareInputText{193}{\textSFvii}
2446 \DeclareInputText{194}{\textSFvi}
2447 \DeclareInputText{195}{\textSFviii}
2448 \DeclareInputText{196}{\textSFx}
2449 \DeclareInputText{197}{\textSFv}
2450 \DeclareInputText{198}{\~a}
2451 \DeclareInputText{199}{\~A}
2452 \DeclareInputText{200}{\textSFxxxviii}
2453 \DeclareInputText{201}{\textSFxxxix}
2454 \DeclareInputText{202}{\textSFxl}
2455 \DeclareInputText{203}{\textSFxli}
2456 \DeclareInputText{204}{\textSFxlii}
2457 \DeclareInputText{205}{\textSFxl iii}
2458 \DeclareInputText{206}{\textSFxliv}
2459 \DeclareInputText{207}{\textcurrency}
2460 \DeclareInputText{208}{\dh}
2461 \DeclareInputText{209}{\DH}
2462 \DeclareInputText{210}{\~E}
2463 \DeclareInputText{211}{\~E}
2464 \DeclareInputText{212}{\@tabacckludge'E}
2465 \DeclareInputText{213}{\~i}
2466 \DeclareInputText{214}{\@tabacckludge'I}
2467 \DeclareInputText{215}{\~I}
2468 \DeclareInputText{216}{\~I}
2469 \DeclareInputText{217}{\textSFiv}
2470 \DeclareInputText{218}{\textSFi}
2471 \DeclareInputText{219}{\textblock}
2472 \DeclareInputText{220}{\textdnblock}
2473 \DeclareInputText{221}{\textbrokenbar}
2474 \DeclareInputText{222}{\@tabacckludge'I}
2475 \DeclareInputText{223}{\textupblock}
2476 \DeclareInputText{224}{\@tabacckludge'O}
2477 \DeclareInputText{225}{\ss}
2478 \DeclareInputText{226}{\~O}
2479 \DeclareInputText{227}{\@tabacckludge'O}
2480 \DeclareInputText{228}{\~o}
2481 \DeclareInputText{229}{\~O}
2482 \DeclareInputText{230}{\textmu}
2483 \DeclareInputText{231}{\th}
2484 \DeclareInputText{232}{\TH}
2485 \DeclareInputText{233}{\@tabacckludge'U}
2486 \DeclareInputText{234}{\~U}
2487 \DeclareInputText{235}{\@tabacckludge'U}
2488 \DeclareInputText{236}{\@tabacckludge'y}
2489 \DeclareInputText{237}{\@tabacckludge'Y}
2490 \DeclareInputText{238}{\textasciimacron}
2491 \DeclareInputText{239}{\textasciiacute}
2492 \DeclareInputText{240}{\~}
2493 \DeclareInputText{241}{\textpm}
2494 \DeclareInputText{242}{\textdbllowline}
2495 \DeclareInputText{243}{\textthreequarters}
2496 \DeclareInputText{244}{\textparagraph}
2497 \DeclareInputText{245}{\textsection}
2498 \DeclareInputText{246}{\textdiv}
2499 \DeclareInputText{247}{\c\ }
2500 \DeclareInputText{248}{\textdegree}
2501 \DeclareInputText{249}{\textasciidieresis}
2502 \DeclareInputText{250}{\textperiodcentered}
2503 \DeclareInputText{251}{\textonesuperior}

```

```

2504 \DeclareInputText{252}{\textthreesuperior}
2505 \DeclareInputText{253}{\texttwosuperior}
2506 \DeclareInputText{254}{\textblacksquare}
2507 \DeclareInputText{255}{\nobreakspace}
2508 \RestoreAtCatcode
2509 \</cp850>

2.5.17 Encoding cp852

2510 \<*cp852>
2511 \ProvidesFile{x-cp852.def}%
2512 [2009/12/15 v1.5 Input encoding cp852 (inputenx)]%
2513 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2514 \makeatletter
2515 \ProvideTextCommandDefault{\textacutedbl}{%
2516   \H{}}%
2517 }
2518 \ProvideTextCommandDefault{\textasciiacute}{%
2519   \@tabacckludge'}%
2520 }
2521 \ProvideTextCommandDefault{\textasciibreve}{%
2522   \u{}}%
2523 }
2524 \ProvideTextCommandDefault{\textasciicaron}{%
2525   \v{}}%
2526 }
2527 \ProvideTextCommandDefault{\textasciidieresis}{%
2528   \"{}}%
2529 }
2530 \ProvideTextCommandDefault{\textblacksquare}{%
2531   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2532 }
2533 \ProvideTextCommandDefault{\textcurrency}{%
2534   \TextSymbolUnavailable\textcurrency
2535 }
2536 \ProvideTextCommandDefault{\textdegree}{%
2537   \ensuremath{{}^{\circ}}}%
2538 }
2539 \ProvideTextCommandDefault{\textdiv}{%
2540   \TextSymbolUnavailable\textdiv
2541 }
2542 \ProvideTextCommandDefault{\textlnot}{%
2543   \ensuremath{\lnot}
2544 }
2545 \ProvideTextCommandDefault{\texttimes}{%
2546   \ensuremath{\times}
2547 }
2548 \DeclareInputText{128}{\c C}
2549 \DeclareInputText{129}{\u}
2550 \DeclareInputText{130}{\@tabacckludge'e}
2551 \DeclareInputText{131}{\^a}
2552 \DeclareInputText{132}{\a}
2553 \DeclareInputText{133}{\r u}
2554 \DeclareInputText{134}{\@tabacckludge'c}
2555 \DeclareInputText{135}{\c c}
2556 \DeclareInputText{136}{\l}
2557 \DeclareInputText{137}{\e}
2558 \DeclareInputText{138}{\H O}
2559 \DeclareInputText{139}{\H o}
2560 \DeclareInputText{140}{\^i}
2561 \DeclareInputText{141}{\@tabacckludge'Z}
2562 \DeclareInputText{142}{\A}
2563 \DeclareInputText{143}{\@tabacckludge'C}
2564 \DeclareInputText{144}{\@tabacckludge'E}

```

```

2565 \DeclareInputText{145}{\@tabacckludge'L}
2566 \DeclareInputText{146}{\@tabacckludge'l}
2567 \DeclareInputText{147}{\^o}
2568 \DeclareInputText{148}{\"o}
2569 \DeclareInputText{149}{\v L}
2570 \DeclareInputText{150}{\v l}
2571 \DeclareInputText{151}{\@tabacckludge'S}
2572 \DeclareInputText{152}{\@tabacckludge's}
2573 \DeclareInputText{153}{\"0}
2574 \DeclareInputText{154}{\"U}
2575 \DeclareInputText{155}{\v T}
2576 \DeclareInputText{156}{\v t}
2577 \DeclareInputText{157}{\L}
2578 \DeclareInputText{158}{\texttimes}
2579 \DeclareInputText{159}{\v c}
2580 \DeclareInputText{160}{\@tabacckludge'a}
2581 \DeclareInputText{161}{\@tabacckludge'i}
2582 \DeclareInputText{162}{\@tabacckludge'o}
2583 \DeclareInputText{163}{\@tabacckludge'u}
2584 \DeclareInputText{164}{\k A}
2585 \DeclareInputText{165}{\k a}
2586 \DeclareInputText{166}{\v Z}
2587 \DeclareInputText{167}{\v z}
2588 \DeclareInputText{168}{\k E}
2589 \DeclareInputText{169}{\k e}
2590 \DeclareInputText{170}{\textlnot}
2591 \DeclareInputText{171}{\@tabacckludge'z}
2592 \DeclareInputText{172}{\v C}
2593 \DeclareInputText{173}{\c s}
2594 \DeclareInputText{174}{\guillemotleft}
2595 \DeclareInputText{175}{\guillemotright}
2596 \DeclareInputText{176}{\textltshade}
2597 \DeclareInputText{177}{\textshade}
2598 \DeclareInputText{178}{\textdkshade}
2599 \DeclareInputText{179}{\textSFxi}
2600 \DeclareInputText{180}{\textSFix}
2601 \DeclareInputText{181}{\@tabacckludge'A}
2602 \DeclareInputText{182}{\^A}
2603 \DeclareInputText{183}{\v E}
2604 \DeclareInputText{184}{\c S}
2605 \DeclareInputText{185}{\textSFxxiii}
2606 \DeclareInputText{186}{\textSFxxiv}
2607 \DeclareInputText{187}{\textSFxxv}
2608 \DeclareInputText{188}{\textSFxxvi}
2609 \DeclareInputText{189}{\ .Z}
2610 \DeclareInputText{190}{\ .z}
2611 \DeclareInputText{191}{\textSFiii}
2612 \DeclareInputText{192}{\textSFii}
2613 \DeclareInputText{193}{\textSFvii}
2614 \DeclareInputText{194}{\textSFvi}
2615 \DeclareInputText{195}{\textSFviii}
2616 \DeclareInputText{196}{\textSFx}
2617 \DeclareInputText{197}{\textSFv}
2618 \DeclareInputText{198}{\u A}
2619 \DeclareInputText{199}{\u a}
2620 \DeclareInputText{200}{\textSFxxxviii}
2621 \DeclareInputText{201}{\textSFxxxix}
2622 \DeclareInputText{202}{\textSFxl}
2623 \DeclareInputText{203}{\textSFxli}
2624 \DeclareInputText{204}{\textSFxlii}
2625 \DeclareInputText{205}{\textSFxl iii}
2626 \DeclareInputText{206}{\textSFxliv}

```

```

2627 \DeclareInputText{207}{\textcurrency}
2628 \DeclareInputText{208}{\dj}
2629 \DeclareInputText{209}{\DJ}
2630 \DeclareInputText{210}{\v D}
2631 \DeclareInputText{211}{\text"E}
2632 \DeclareInputText{212}{\v d}
2633 \DeclareInputText{213}{\v N}
2634 \DeclareInputText{214}{\@tabacckludge'I}
2635 \DeclareInputText{215}{\text^I}
2636 \DeclareInputText{216}{\v e}
2637 \DeclareInputText{217}{\textSFiv}
2638 \DeclareInputText{218}{\textSFi}
2639 \DeclareInputText{219}{\texttblock}
2640 \DeclareInputText{220}{\texttdnblock}
2641 \DeclareInputText{221}{\c T}
2642 \DeclareInputText{222}{\r U}
2643 \DeclareInputText{223}{\textupblock}
2644 \DeclareInputText{224}{\@tabacckludge'O}
2645 \DeclareInputText{225}{\ss}
2646 \DeclareInputText{226}{\text^O}
2647 \DeclareInputText{227}{\@tabacckludge'N}
2648 \DeclareInputText{228}{\@tabacckludge'n}
2649 \DeclareInputText{229}{\v n}
2650 \DeclareInputText{230}{\v S}
2651 \DeclareInputText{231}{\v s}
2652 \DeclareInputText{232}{\@tabacckludge'R}
2653 \DeclareInputText{233}{\@tabacckludge'U}
2654 \DeclareInputText{234}{\@tabacckludge'r}
2655 \DeclareInputText{235}{\H U}
2656 \DeclareInputText{236}{\@tabacckludge'y}
2657 \DeclareInputText{237}{\@tabacckludge'Y}
2658 \DeclareInputText{238}{\c t}
2659 \DeclareInputText{239}{\textasciiacute}
2660 \DeclareInputText{240}{\text-}
2661 \DeclareInputText{241}{\textacutedbl}
2662 \DeclareInputText{242}{\k{}}
2663 \DeclareInputText{243}{\textasciicaron}
2664 \DeclareInputText{244}{\textasciibreve}
2665 \DeclareInputText{245}{\textsection}
2666 \DeclareInputText{246}{\textdiv}
2667 \DeclareInputText{247}{\c\ }
2668 \DeclareInputText{248}{\textdegree}
2669 \DeclareInputText{249}{\textasciidieresis}
2670 \DeclareInputText{250}{\text{.}}
2671 \DeclareInputText{251}{\H u}
2672 \DeclareInputText{252}{\v R}
2673 \DeclareInputText{253}{\v r}
2674 \DeclareInputText{254}{\textblacksquare}
2675 \DeclareInputText{255}{\nobreakspace}
2676 \RestoreAtCatcode
2677 \end{cp852}

```

2.5.18 Encoding cp855

```

2678 \begin{cp855}
2679 \ProvidesFile{x-cp855.def}%
2680 [2009/12/15 v1.5 Input encoding cp855 (inputenx)]%
2681 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2682 \makeatletter
2683 \ProvideTextCommandDefault{\textblacksquare}{%
2684 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2685 }
2686 \ProvideTextCommandDefault{\textcurrency}{%
2687 \TextSymbolUnavailable\textcurrency

```



```

2688 }
2689 \ProvideTextCommandDefault{\textnumero}{%
2690   N%
2691   \bgroup
2692     \check@mathfonts
2693     \fontsize\sf@size\z@
2694     \math@fontsfalse
2695     \selectfont
2696     \ooalign{%
2697       \raise0.5ex\hbox{o}%
2698       \crr
2699       \hline
2700     }%
2701   \egroup
2702 }
2703 \DeclareInputText{128}{\cyrdje}
2704 \DeclareInputText{129}{\CYRDJE}
2705 \DeclareInputText{130}{\@tabacckludge'\cyrg}
2706 \DeclareInputText{131}{\@tabacckludge'\CYRG}
2707 \DeclareInputText{132}{\cyryo}
2708 \DeclareInputText{133}{\CYRYO}
2709 \DeclareInputText{134}{\cyrie}
2710 \DeclareInputText{135}{\CYRIE}
2711 \DeclareInputText{136}{\cyrdze}
2712 \DeclareInputText{137}{\CYRDZE}
2713 \DeclareInputText{138}{\cyrii}
2714 \DeclareInputText{139}{\CYRII}
2715 \DeclareInputText{140}{\cyryi}
2716 \DeclareInputText{141}{\CYRYI}
2717 \DeclareInputText{142}{\cyrje}
2718 \DeclareInputText{143}{\CYRJE}
2719 \DeclareInputText{144}{\cyrlje}
2720 \DeclareInputText{145}{\CYRLJE}
2721 \DeclareInputText{146}{\cyrnje}
2722 \DeclareInputText{147}{\CYRNJE}
2723 \DeclareInputText{148}{\cyrtshe}
2724 \DeclareInputText{149}{\CYRTSHE}
2725 \DeclareInputText{150}{\@tabacckludge'\cyrk}
2726 \DeclareInputText{151}{\@tabacckludge'\CYRK}
2727 \DeclareInputText{152}{\cyrushrt}
2728 \DeclareInputText{153}{\CYRUSHRT}
2729 \DeclareInputText{154}{\cyrdzhe}
2730 \DeclareInputText{155}{\CYRDZHE}
2731 \DeclareInputText{156}{\cyrju}
2732 \DeclareInputText{157}{\CYRYU}
2733 \DeclareInputText{158}{\cyrhrdsn}
2734 \DeclareInputText{159}{\CYRHRDSN}
2735 \DeclareInputText{160}{\cyra}
2736 \DeclareInputText{161}{\CYRA}
2737 \DeclareInputText{162}{\cyrb}
2738 \DeclareInputText{163}{\CYRB}
2739 \DeclareInputText{164}{\cyrc}
2740 \DeclareInputText{165}{\CYRC}
2741 \DeclareInputText{166}{\cyrd}
2742 \DeclareInputText{167}{\CYRD}
2743 \DeclareInputText{168}{\cyre}
2744 \DeclareInputText{169}{\CYRE}
2745 \DeclareInputText{170}{\cyrf}
2746 \DeclareInputText{171}{\CYRF}
2747 \DeclareInputText{172}{\cyrg}
2748 \DeclareInputText{173}{\CYRG}
2749 \DeclareInputText{174}{\guillemotleft}

```

2750 \DeclareInputText{175}{\guillemotright}
 2751 \DeclareInputText{176}{\textltshade}
 2752 \DeclareInputText{177}{\textshade}
 2753 \DeclareInputText{178}{\textdkshade}
 2754 \DeclareInputText{179}{\textSFxi}
 2755 \DeclareInputText{180}{\textSFix}
 2756 \DeclareInputText{181}{\cyrh}
 2757 \DeclareInputText{182}{\CYRH}
 2758 \DeclareInputText{183}{\cyri}
 2759 \DeclareInputText{184}{\CYRI}
 2760 \DeclareInputText{185}{\textSFxxiii}
 2761 \DeclareInputText{186}{\textSFxxiv}
 2762 \DeclareInputText{187}{\textSFxxv}
 2763 \DeclareInputText{188}{\textSFxxvi}
 2764 \DeclareInputText{189}{\cyrishrt}
 2765 \DeclareInputText{190}{\CYRISHRT}
 2766 \DeclareInputText{191}{\textSFiii}
 2767 \DeclareInputText{192}{\textSFii}
 2768 \DeclareInputText{193}{\textSFvii}
 2769 \DeclareInputText{194}{\textSFvi}
 2770 \DeclareInputText{195}{\textSFviii}
 2771 \DeclareInputText{196}{\textSFx}
 2772 \DeclareInputText{197}{\textSFv}
 2773 \DeclareInputText{198}{\cyrk}
 2774 \DeclareInputText{199}{\CYRK}
 2775 \DeclareInputText{200}{\textSFxxxviii}
 2776 \DeclareInputText{201}{\textSFxxxix}
 2777 \DeclareInputText{202}{\textSFxl}
 2778 \DeclareInputText{203}{\textSFxli}
 2779 \DeclareInputText{204}{\textSFxlii}
 2780 \DeclareInputText{205}{\textSFxl iii}
 2781 \DeclareInputText{206}{\textSFxliv}
 2782 \DeclareInputText{207}{\textcurrency}
 2783 \DeclareInputText{208}{\cyrl}
 2784 \DeclareInputText{209}{\CYRL}
 2785 \DeclareInputText{210}{\cyrm}
 2786 \DeclareInputText{211}{\CYRM}
 2787 \DeclareInputText{212}{\cyrn}
 2788 \DeclareInputText{213}{\CYRN}
 2789 \DeclareInputText{214}{\cyro}
 2790 \DeclareInputText{215}{\CYRO}
 2791 \DeclareInputText{216}{\cyrp}
 2792 \DeclareInputText{217}{\textSFiv}
 2793 \DeclareInputText{218}{\textSFi}
 2794 \DeclareInputText{219}{\textblock}
 2795 \DeclareInputText{220}{\textdnblock}
 2796 \DeclareInputText{221}{\CYRP}
 2797 \DeclareInputText{222}{\cyrya}
 2798 \DeclareInputText{223}{\textupblock}
 2799 \DeclareInputText{224}{\CYRYA}
 2800 \DeclareInputText{225}{\cyrr}
 2801 \DeclareInputText{226}{\CYRR}
 2802 \DeclareInputText{227}{\cyrs}
 2803 \DeclareInputText{228}{\CYRS}
 2804 \DeclareInputText{229}{\cyr t}
 2805 \DeclareInputText{230}{\CYRT}
 2806 \DeclareInputText{231}{\cyr u}
 2807 \DeclareInputText{232}{\CYRU}
 2808 \DeclareInputText{233}{\cyrzh}
 2809 \DeclareInputText{234}{\CYRZH}
 2810 \DeclareInputText{235}{\cyr v}
 2811 \DeclareInputText{236}{\CYRV}

```

2812 \DeclareInputText{237}{\cyrstfn}
2813 \DeclareInputText{238}{\CYRSFTSN}
2814 \DeclareInputText{239}{\textnumero}
2815 \DeclareInputText{240}{\textasciicircum}
2816 \DeclareInputText{241}{\cyrery}
2817 \DeclareInputText{242}{\CYRERY}
2818 \DeclareInputText{243}{\cyrz}
2819 \DeclareInputText{244}{\CYRZ}
2820 \DeclareInputText{245}{\cyrsh}
2821 \DeclareInputText{246}{\CYRSH}
2822 \DeclareInputText{247}{\cyrerev}
2823 \DeclareInputText{248}{\CYREREV}
2824 \DeclareInputText{249}{\cyrshch}
2825 \DeclareInputText{250}{\CYRSHCH}
2826 \DeclareInputText{251}{\cyrch}
2827 \DeclareInputText{252}{\CYRCH}
2828 \DeclareInputText{253}{\textsection}
2829 \DeclareInputText{254}{\textblacksquare}
2830 \DeclareInputText{255}{\nobreakspace}
2831 \RestoreAtCatcode
2832 \cp855)

```

2.5.19 Encoding cp858

```

2833 \cp858)
2834 \ProvidesFile{x-cp858.def}%
2835 [2009/12/15 v1.5 Input encoding cp858 (inputenx)]%
2836 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2837 \makeatletter
2838 \ProvideTextCommandDefault{\textasciicircum}{%
2839 \@tabacckludge'}{%
2840 }
2841 \ProvideTextCommandDefault{\textasciidieresis}{%
2842 \"}{%
2843 }
2844 \ProvideTextCommandDefault{\textasciimacron}{%
2845 \@tabacckludge={}%
2846 }
2847 \ProvideTextCommandDefault{\textblacksquare}{%
2848 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2849 }
2850 \ProvideTextCommandDefault{\textbrokenbar}{%
2851 \TextSymbolUnavailable\textbrokenbar
2852 }
2853 \ProvideTextCommandDefault{\textcent}{%
2854 \TextSymbolUnavailable\textcent
2855 }
2856 \ProvideTextCommandDefault{\textcurrency}{%
2857 \TextSymbolUnavailable\textcurrency
2858 }
2859 \ProvideTextCommandDefault{\textdbllowline}{%
2860 \begin{group}
2861 \sbox0{\textunderscore}%
2862 \leavevmode
2863 \ifdim\dp0<.2ex\relax
2864 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2865 \else
2866 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2867 \fi
2868 \textunderscore
2869 \end{group}
2870 }
2871 \ProvideTextCommandDefault{\textdegree}{%
2872 \ensuremath{\textasciicircum}}%

```

```

2873 }
2874 \ProvideTextCommandDefault{\textdiv}{%
2875   \TextSymbolUnavailable\textdiv
2876 }
2877 \ProvideTextCommandDefault{\texteuro}{%
2878   \TextSymbolUnavailable\texteuro
2879 }
2880 \ProvideTextCommandDefault{\textflorin}{%
2881   \textit{f}%
2882 }
2883 \ProvideTextCommandDefault{\textlnot}{%
2884   \ensuremath{\lnot}
2885 }
2886 \ProvideTextCommandDefault{\textmu}{%
2887   \ensuremath{\mu}
2888 }
2889 \ProvideTextCommandDefault{\textonehalf}{%
2890   \ensuremath{\frac{1}{2}}%
2891 }
2892 \ProvideTextCommandDefault{\textonequarter}{%
2893   \ensuremath{\frac{1}{4}}%
2894 }
2895 \ProvideTextCommandDefault{\textonesuperior}{%
2896   \ensuremath{{}^1}%
2897 }
2898 \ProvideTextCommandDefault{\textpm}{%
2899   \ensuremath{\pm}
2900 }
2901 \ProvideTextCommandDefault{\textthreequarters}{%
2902   \ensuremath{\frac{3}{4}}%
2903 }
2904 \ProvideTextCommandDefault{\textthreesuperior}{%
2905   \ensuremath{{}^3}%
2906 }
2907 \ProvideTextCommandDefault{\texttimes}{%
2908   \ensuremath{\times}
2909 }
2910 \ProvideTextCommandDefault{\texttwosuperior}{%
2911   \ensuremath{{}^2}}%
2912 }
2913 \ProvideTextCommandDefault{\textyen}{%
2914   \TextSymbolUnavailable\textyen
2915 }
2916 \DeclareInputText{128}{\c C}
2917 \DeclareInputText{129}{\u u}
2918 \DeclareInputText{130}{\@tabacckludge'e}
2919 \DeclareInputText{131}{\^a}
2920 \DeclareInputText{132}{\a}
2921 \DeclareInputText{133}{\@tabacckludge'a}
2922 \DeclareInputText{134}{\r a}
2923 \DeclareInputText{135}{\c c}
2924 \DeclareInputText{136}{\^e}
2925 \DeclareInputText{137}{\e}
2926 \DeclareInputText{138}{\@tabacckludge'e}
2927 \DeclareInputText{139}{\i}
2928 \DeclareInputText{140}{\^i}
2929 \DeclareInputText{141}{\@tabacckludge'i}
2930 \DeclareInputText{142}{\A}
2931 \DeclareInputText{143}{\r A}
2932 \DeclareInputText{144}{\@tabacckludge'E}
2933 \DeclareInputText{145}{\ae}
2934 \DeclareInputText{146}{\AE}

```

```

2935 \DeclareInputText{147}{\`o}
2936 \DeclareInputText{148}{\`o}
2937 \DeclareInputText{149}{\@tabacckludge'o}
2938 \DeclareInputText{150}{\`u}
2939 \DeclareInputText{151}{\@tabacckludge'u}
2940 \DeclareInputText{152}{\`y}
2941 \DeclareInputText{153}{\`0}
2942 \DeclareInputText{154}{\`U}
2943 \DeclareInputText{155}{\`o}
2944 \DeclareInputText{156}{\textsterling}
2945 \DeclareInputText{157}{\`0}
2946 \DeclareInputText{158}{\texttimes}
2947 \DeclareInputText{159}{\textflorin}
2948 \DeclareInputText{160}{\@tabacckludge'a}
2949 \DeclareInputText{161}{\@tabacckludge'i}
2950 \DeclareInputText{162}{\@tabacckludge'o}
2951 \DeclareInputText{163}{\@tabacckludge'u}
2952 \DeclareInputText{164}{\`n}
2953 \DeclareInputText{165}{\`N}
2954 \DeclareInputText{166}{\textordfeminine}
2955 \DeclareInputText{167}{\textordmasculine}
2956 \DeclareInputText{168}{\textquestiondown}
2957 \DeclareInputText{169}{\textregistered}
2958 \DeclareInputText{170}{\textlnot}
2959 \DeclareInputText{171}{\textonehalf}
2960 \DeclareInputText{172}{\textonequarter}
2961 \DeclareInputText{173}{\textexclamdown}
2962 \DeclareInputText{174}{\guillemotleft}
2963 \DeclareInputText{175}{\guillemotright}
2964 \DeclareInputText{176}{\textltshade}
2965 \DeclareInputText{177}{\textshade}
2966 \DeclareInputText{178}{\textdkshade}
2967 \DeclareInputText{179}{\textSFxi}
2968 \DeclareInputText{180}{\textSFix}
2969 \DeclareInputText{181}{\@tabacckludge'A}
2970 \DeclareInputText{182}{\`A}
2971 \DeclareInputText{183}{\@tabacckludge'A}
2972 \DeclareInputText{184}{\textcopyright}
2973 \DeclareInputText{185}{\textSFxxiii}
2974 \DeclareInputText{186}{\textSFxxiv}
2975 \DeclareInputText{187}{\textSFxxv}
2976 \DeclareInputText{188}{\textSFxxvi}
2977 \DeclareInputText{189}{\textcent}
2978 \DeclareInputText{190}{\textyen}
2979 \DeclareInputText{191}{\textSFiii}
2980 \DeclareInputText{192}{\textSFii}
2981 \DeclareInputText{193}{\textSFvii}
2982 \DeclareInputText{194}{\textSFvi}
2983 \DeclareInputText{195}{\textSFviii}
2984 \DeclareInputText{196}{\textSFx}
2985 \DeclareInputText{197}{\textSFv}
2986 \DeclareInputText{198}{\`a}
2987 \DeclareInputText{199}{\`A}
2988 \DeclareInputText{200}{\textSFxxxviii}
2989 \DeclareInputText{201}{\textSFxxxix}
2990 \DeclareInputText{202}{\textSFxl}
2991 \DeclareInputText{203}{\textSFxli}
2992 \DeclareInputText{204}{\textSFxlii}
2993 \DeclareInputText{205}{\textSFxl iii}
2994 \DeclareInputText{206}{\textSFxliv}
2995 \DeclareInputText{207}{\textcurrency}
2996 \DeclareInputText{208}{\dh}

```

```

2997 \DeclareInputText{209}{\DH}
2998 \DeclareInputText{210}{\^E}
2999 \DeclareInputText{211}{\^E}
3000 \DeclareInputText{212}{\@tabacckludge'E}
3001 \DeclareInputText{213}{\texteuro}
3002 \DeclareInputText{214}{\@tabacckludge'I}
3003 \DeclareInputText{215}{\^I}
3004 \DeclareInputText{216}{\^I}
3005 \DeclareInputText{217}{\textSFiv}
3006 \DeclareInputText{218}{\textSFi}
3007 \DeclareInputText{219}{\textblock}
3008 \DeclareInputText{220}{\textdnblock}
3009 \DeclareInputText{221}{\textbrokenbar}
3010 \DeclareInputText{222}{\@tabacckludge'I}
3011 \DeclareInputText{223}{\textupblock}
3012 \DeclareInputText{224}{\@tabacckludge'O}
3013 \DeclareInputText{225}{\ss}
3014 \DeclareInputText{226}{\^O}
3015 \DeclareInputText{227}{\@tabacckludge'O}
3016 \DeclareInputText{228}{\^o}
3017 \DeclareInputText{229}{\^O}
3018 \DeclareInputText{230}{\textmu}
3019 \DeclareInputText{231}{\th}
3020 \DeclareInputText{232}{\TH}
3021 \DeclareInputText{233}{\@tabacckludge'U}
3022 \DeclareInputText{234}{\^U}
3023 \DeclareInputText{235}{\@tabacckludge'U}
3024 \DeclareInputText{236}{\@tabacckludge'y}
3025 \DeclareInputText{237}{\@tabacckludge'Y}
3026 \DeclareInputText{238}{\textasciimacron}
3027 \DeclareInputText{239}{\textasciiaacute}
3028 \DeclareInputText{240}{\^-}
3029 \DeclareInputText{241}{\textpm}
3030 \DeclareInputText{242}{\textdbllowline}
3031 \DeclareInputText{243}{\textthreequarters}
3032 \DeclareInputText{244}{\textparagraph}
3033 \DeclareInputText{245}{\textsection}
3034 \DeclareInputText{246}{\textdiv}
3035 \DeclareInputText{247}{\c\ }
3036 \DeclareInputText{248}{\textdegree}
3037 \DeclareInputText{249}{\textasciidieresis}
3038 \DeclareInputText{250}{\textperiodcentered}
3039 \DeclareInputText{251}{\textonesuperior}
3040 \DeclareInputText{252}{\textthreesuperior}
3041 \DeclareInputText{253}{\texttwosuperior}
3042 \DeclareInputText{254}{\textblacksquare}
3043 \DeclareInputText{255}{\nobreakspace}
3044 \RestoreAtCatcode
3045 \</cp858>

```

2.5.20 Encoding cp865

```

3046 \<*cp865>
3047 \ProvidesFile{x-cp865.def}%
3048 [2009/12/15 v1.5 Input encoding cp865 (inputenx)]%
3049 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3050 \makeatletter
3051 \ProvideTextCommandDefault{\textGamma}{%
3052   \ensuremath\Gamma
3053 }
3054 \ProvideTextCommandDefault{\textOmega}{%
3055   \ensuremath\Omega
3056 }
3057 \ProvideTextCommandDefault{\textPhi}{%

```

```

3058 \ensuremath\Phi
3059 }
3060 \ProvideTextCommandDefault{\textSigma}{%
3061 \ensuremath\Sigma
3062 }
3063 \ProvideTextCommandDefault{\textTheta}{%
3064 \ensuremath\Theta
3065 }
3066 \ProvideTextCommandDefault{\textalpha}{%
3067 \ensuremath\alpha
3068 }
3069 \ProvideTextCommandDefault{\textapproxequal}{%
3070 \ensuremath\approx
3071 }
3072 \ProvideTextCommandDefault{\textblacksquare}{%
3073 \vrule \@width .3em \@height .4em \@depth -.1em\relax
3074 }
3075 \ProvideTextCommandDefault{\textcurrency}{%
3076 \TextSymbolUnavailable\textcurrency
3077 }
3078 \ProvideTextCommandDefault{\textdegree}{%
3079 \ensuremath{^\circ}%
3080 }
3081 \ProvideTextCommandDefault{\textdelta}{%
3082 \ensuremath\delta
3083 }
3084 \ProvideTextCommandDefault{\textdiv}{%
3085 \TextSymbolUnavailable\textdiv
3086 }
3087 \ProvideTextCommandDefault{\textepsilon}{%
3088 \ensuremath\varepsilon
3089 }
3090 \ProvideTextCommandDefault{\textequivalence}{%
3091 \ensuremath\equiv
3092 }
3093 \ProvideTextCommandDefault{\textflorin}{%
3094 \textit{f}%
3095 }
3096 \ProvideTextCommandDefault{\textgreaterorequal}{%
3097 \ensuremath\geq
3098 }
3099 \ProvideTextCommandDefault{\textinfinity}{%
3100 \ensuremath\infty
3101 }
3102 \ProvideTextCommandDefault{\textintersection}{%
3103 \ensuremath\cap
3104 }
3105 \ProvideTextCommandDefault{\textlessequal}{%
3106 \ensuremath\leq
3107 }
3108 \ProvideTextCommandDefault{\textlnot}{%
3109 \ensuremath\not
3110 }
3111 \ProvideTextCommandDefault{\textmu}{%
3112 \ensuremath\mu
3113 }
3114 \ProvideTextCommandDefault{\textnsuperior}{%
3115 \ensuremath{{}^n}%
3116 }
3117 \ProvideTextCommandDefault{\textonehalf}{%
3118 \ensuremath{\frac{1}{2}}%
3119 }

```

```

3120 \ProvideTextCommandDefault{\textonequarter}{%
3121   \ensuremath{\frac{1}{4}}%
3122 }
3123 \ProvideTextCommandDefault{\textpseta}{%
3124   Pt%
3125 }
3126 \ProvideTextCommandDefault{\textphi}{%
3127   \ensuremath{\phi}
3128 }
3129 \ProvideTextCommandDefault{\textpi}{%
3130   \ensuremath{\pi}
3131 }
3132 \ProvideTextCommandDefault{\textpm}{%
3133   \ensuremath{\pm}
3134 }
3135 \ProvideTextCommandDefault{\textrevlogicalnot}{%
3136   \begingroup
3137     \ifundefined{reflectbox}{%
3138       \TextSymbolUnavailable{\textrevlogicalnot}
3139     }{%
3140       \def\@revlogicalnot##1##2{%
3141         \reflectbox{$##1##2$}%
3142       }%
3143       \ensuremath{\mathpalette{\@revlogicalnot}\lnot}%
3144     }%
3145   \endgroup
3146 }
3147 \ProvideTextCommandDefault{\textsigma}{%
3148   \ensuremath{\sigma}
3149 }
3150 \ProvideTextCommandDefault{\textsurd}{%
3151   \ensuremath{\text{surd}}
3152 }
3153 \ProvideTextCommandDefault{\texttau}{%
3154   \ensuremath{\tau}
3155 }
3156 \ProvideTextCommandDefault{\texttwosuperior}{%
3157   \ensuremath{{}^2}%
3158 }
3159 \DeclareInputText{128}{\c C}
3160 \DeclareInputText{129}{\u u}
3161 \DeclareInputText{130}{\@tabacckludge'e}
3162 \DeclareInputText{131}{\^a}
3163 \DeclareInputText{132}{\a a}
3164 \DeclareInputText{133}{\@tabacckludge'a}
3165 \DeclareInputText{134}{\r r}
3166 \DeclareInputText{135}{\c c}
3167 \DeclareInputText{136}{\^e}
3168 \DeclareInputText{137}{\e e}
3169 \DeclareInputText{138}{\@tabacckludge'e}
3170 \DeclareInputText{139}{\i i}
3171 \DeclareInputText{140}{\^i}
3172 \DeclareInputText{141}{\@tabacckludge'i}
3173 \DeclareInputText{142}{\A A}
3174 \DeclareInputText{143}{\r R}
3175 \DeclareInputText{144}{\@tabacckludge'E}
3176 \DeclareInputText{145}{\ae}
3177 \DeclareInputText{146}{\AE}
3178 \DeclareInputText{147}{\^o}
3179 \DeclareInputText{148}{\o o}
3180 \DeclareInputText{149}{\@tabacckludge'o}
3181 \DeclareInputText{150}{\u u}

```



```

3182 \DeclareInputText{151}{\@tabacckludge'u}
3183 \DeclareInputText{152}{\ "y}
3184 \DeclareInputText{153}{\ "0}
3185 \DeclareInputText{154}{\ "U}
3186 \DeclareInputText{155}{\o}
3187 \DeclareInputText{156}{\textsterling}
3188 \DeclareInputText{157}{\0}
3189 \DeclareInputText{158}{\textpeseta}
3190 \DeclareInputText{159}{\textflorin}
3191 \DeclareInputText{160}{\@tabacckludge'a}
3192 \DeclareInputText{161}{\@tabacckludge'i}
3193 \DeclareInputText{162}{\@tabacckludge'o}
3194 \DeclareInputText{163}{\@tabacckludge'u}
3195 \DeclareInputText{164}{\~n}
3196 \DeclareInputText{165}{\~N}
3197 \DeclareInputText{166}{\textordfeminine}
3198 \DeclareInputText{167}{\textordmasculine}
3199 \DeclareInputText{168}{\textquestiondown}
3200 \DeclareInputText{169}{\textrevlogicalnot}
3201 \DeclareInputText{170}{\textlnot}
3202 \DeclareInputText{171}{\textonehalf}
3203 \DeclareInputText{172}{\textonequarter}
3204 \DeclareInputText{173}{\textexclamdown}
3205 \DeclareInputText{174}{\guillemotleft}
3206 \DeclareInputText{175}{\textcurrency}
3207 \DeclareInputText{176}{\textltshade}
3208 \DeclareInputText{177}{\textshade}
3209 \DeclareInputText{178}{\textdkshade}
3210 \DeclareInputText{179}{\textSFxi}
3211 \DeclareInputText{180}{\textSFix}
3212 \DeclareInputText{181}{\textSFxix}
3213 \DeclareInputText{182}{\textSFxx}
3214 \DeclareInputText{183}{\textSFxxi}
3215 \DeclareInputText{184}{\textSFxxii}
3216 \DeclareInputText{185}{\textSFxxiii}
3217 \DeclareInputText{186}{\textSFxxiv}
3218 \DeclareInputText{187}{\textSFxxv}
3219 \DeclareInputText{188}{\textSFxxvi}
3220 \DeclareInputText{189}{\textSFxxvii}
3221 \DeclareInputText{190}{\textSFxxviii}
3222 \DeclareInputText{191}{\textSFiii}
3223 \DeclareInputText{192}{\textSFii}
3224 \DeclareInputText{193}{\textSFvii}
3225 \DeclareInputText{194}{\textSFvi}
3226 \DeclareInputText{195}{\textSFviii}
3227 \DeclareInputText{196}{\textSFx}
3228 \DeclareInputText{197}{\textSFv}
3229 \DeclareInputText{198}{\textSFxxxvi}
3230 \DeclareInputText{199}{\textSFxxxvii}
3231 \DeclareInputText{200}{\textSFxxxviii}
3232 \DeclareInputText{201}{\textSFxxxix}
3233 \DeclareInputText{202}{\textSFxl}
3234 \DeclareInputText{203}{\textSFxli}
3235 \DeclareInputText{204}{\textSFxlii}
3236 \DeclareInputText{205}{\textSFxliii}
3237 \DeclareInputText{206}{\textSFxliv}
3238 \DeclareInputText{207}{\textSFxlv}
3239 \DeclareInputText{208}{\textSFxlvi}
3240 \DeclareInputText{209}{\textSFxlvii}
3241 \DeclareInputText{210}{\textSFxlviii}
3242 \DeclareInputText{211}{\textSFxl ix}
3243 \DeclareInputText{212}{\textSF1}

```

```

3244 \DeclareInputText{213}{\textSFli}
3245 \DeclareInputText{214}{\textSFlii}
3246 \DeclareInputText{215}{\textSFliii}
3247 \DeclareInputText{216}{\textSFliv}
3248 \DeclareInputText{217}{\textSFiv}
3249 \DeclareInputText{218}{\textSFi}
3250 \DeclareInputText{219}{\textblock}
3251 \DeclareInputText{220}{\textdnblock}
3252 \DeclareInputText{221}{\textlfblock}
3253 \DeclareInputText{222}{\textrtblock}
3254 \DeclareInputText{223}{\textupblock}
3255 \DeclareInputText{224}{\textalpha}
3256 \DeclareInputText{225}{\ss}
3257 \DeclareInputText{226}{\textGamma}
3258 \DeclareInputText{227}{\textpi}
3259 \DeclareInputText{228}{\textSigma}
3260 \DeclareInputText{229}{\textsigma}
3261 \DeclareInputText{230}{\textmu}
3262 \DeclareInputText{231}{\texttau}
3263 \DeclareInputText{232}{\textPhi}
3264 \DeclareInputText{233}{\textTheta}
3265 \DeclareInputText{234}{\textOmega}
3266 \DeclareInputText{235}{\textdelta}
3267 \DeclareInputText{236}{\textinfinity}
3268 \DeclareInputText{237}{\textphi}
3269 \DeclareInputText{238}{\textepsilon}
3270 \DeclareInputText{239}{\textintersection}
3271 \DeclareInputText{240}{\textequivalence}
3272 \DeclareInputText{241}{\textpm}
3273 \DeclareInputText{242}{\textgreaterequal}
3274 \DeclareInputText{243}{\textlessequal}
3275 \DeclareInputText{246}{\textdiv}
3276 \DeclareInputText{247}{\textapproxequal}
3277 \DeclareInputText{248}{\textdegree}
3278 \DeclareInputText{249}{\textbullet}
3279 \DeclareInputText{250}{\textperiodcentered}
3280 \DeclareInputText{251}{\textsurd}
3281 \DeclareInputText{252}{\textnsuperior}
3282 \DeclareInputText{253}{\texttwosuperior}
3283 \DeclareInputText{254}{\textblacksquare}
3284 \DeclareInputText{255}{\nobreakspace}
3285 \RestoreAtCatcode
3286 \</cp865>

```

2.5.21 Encoding cp866

```

3287 \<cp866>
3288 \ProvidesFile{x-cp866.def}%
3289 [2009/12/15 v1.5 Input encoding cp866 (inputenx)]%
3290 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3291 \makeatletter
3292 \ProvideTextCommandDefault{\textblacksquare}{%
3293   \vrule \@width .3em \@height .4em \@depth -.1em\relax
3294 }
3295 \ProvideTextCommandDefault{\textcurrency}{%
3296   \TextSymbolUnavailable\textcurrency
3297 }
3298 \ProvideTextCommandDefault{\textdegree}{%
3299   \ensuremath{{}^{\circ}}%
3300 }
3301 \ProvideTextCommandDefault{\textnumero}{%
3302   N%
3303   \bgroup
3304     \check@mathfonts

```

```

3305     \fontsize\sf@size\z@
3306     \math@fontsfalse
3307     \selectfont
3308     \ooalign{%
3309         \raise0.5ex\hbox{o}%
3310         \crr
3311         \hline
3312     }%
3313 \egroup
3314 }
3315 \ProvideTextCommandDefault{\textsurd}{%
3316     \ensuremath\surd
3317 }
3318 \DeclareInputText{128}{\CYRA}
3319 \DeclareInputText{129}{\CYRB}
3320 \DeclareInputText{130}{\CYRV}
3321 \DeclareInputText{131}{\CYRG}
3322 \DeclareInputText{132}{\CYRD}
3323 \DeclareInputText{133}{\CYRE}
3324 \DeclareInputText{134}{\CYRZH}
3325 \DeclareInputText{135}{\CYRZ}
3326 \DeclareInputText{136}{\CYRI}
3327 \DeclareInputText{137}{\CYRISHRT}
3328 \DeclareInputText{138}{\CYRK}
3329 \DeclareInputText{139}{\CYRL}
3330 \DeclareInputText{140}{\CYRM}
3331 \DeclareInputText{141}{\CYRN}
3332 \DeclareInputText{142}{\CYRO}
3333 \DeclareInputText{143}{\CYRP}
3334 \DeclareInputText{144}{\CYRR}
3335 \DeclareInputText{145}{\CYRS}
3336 \DeclareInputText{146}{\CYRT}
3337 \DeclareInputText{147}{\CYRU}
3338 \DeclareInputText{148}{\CYRF}
3339 \DeclareInputText{149}{\CYRH}
3340 \DeclareInputText{150}{\CYRC}
3341 \DeclareInputText{151}{\CYRCH}
3342 \DeclareInputText{152}{\CYRSH}
3343 \DeclareInputText{153}{\CYRSHCH}
3344 \DeclareInputText{154}{\CYRHRDSN}
3345 \DeclareInputText{155}{\CYRERY}
3346 \DeclareInputText{156}{\CYRSFTSN}
3347 \DeclareInputText{157}{\CYREREV}
3348 \DeclareInputText{158}{\CYRYU}
3349 \DeclareInputText{159}{\CYRYA}
3350 \DeclareInputText{160}{\cyra}
3351 \DeclareInputText{161}{\cyrb}
3352 \DeclareInputText{162}{\cyrv}
3353 \DeclareInputText{163}{\cyrg}
3354 \DeclareInputText{164}{\cyrd}
3355 \DeclareInputText{165}{\cyre}
3356 \DeclareInputText{166}{\cyrzh}
3357 \DeclareInputText{167}{\cyrz}
3358 \DeclareInputText{168}{\cyri}
3359 \DeclareInputText{169}{\cyrishrt}
3360 \DeclareInputText{170}{\cyrk}
3361 \DeclareInputText{171}{\cyrl}
3362 \DeclareInputText{172}{\cyrm}
3363 \DeclareInputText{173}{\cyrn}
3364 \DeclareInputText{174}{\cyro}
3365 \DeclareInputText{175}{\cyrp}
3366 \DeclareInputText{176}{\textltshade}

```

```

3367 \DeclareInputText{177}{\textshade}
3368 \DeclareInputText{178}{\textdkshade}
3369 \DeclareInputText{179}{\textSFxi}
3370 \DeclareInputText{180}{\textSFix}
3371 \DeclareInputText{181}{\textSFxix}
3372 \DeclareInputText{182}{\textSFxx}
3373 \DeclareInputText{183}{\textSFxxi}
3374 \DeclareInputText{184}{\textSFxxii}
3375 \DeclareInputText{185}{\textSFxxiii}
3376 \DeclareInputText{186}{\textSFxxiv}
3377 \DeclareInputText{187}{\textSFxxv}
3378 \DeclareInputText{188}{\textSFxxvi}
3379 \DeclareInputText{189}{\textSFxxvii}
3380 \DeclareInputText{190}{\textSFxxviii}
3381 \DeclareInputText{191}{\textSFiii}
3382 \DeclareInputText{192}{\textSFii}
3383 \DeclareInputText{193}{\textSFvii}
3384 \DeclareInputText{194}{\textSFvi}
3385 \DeclareInputText{195}{\textSFviii}
3386 \DeclareInputText{196}{\textSFx}
3387 \DeclareInputText{197}{\textSFv}
3388 \DeclareInputText{198}{\textSFxxxvi}
3389 \DeclareInputText{199}{\textSFxxxvii}
3390 \DeclareInputText{200}{\textSFxxxviii}
3391 \DeclareInputText{201}{\textSFxxxix}
3392 \DeclareInputText{202}{\textSFxl}
3393 \DeclareInputText{203}{\textSFxli}
3394 \DeclareInputText{204}{\textSFxlii}
3395 \DeclareInputText{205}{\textSFxliii}
3396 \DeclareInputText{206}{\textSFxliv}
3397 \DeclareInputText{207}{\textSFxlv}
3398 \DeclareInputText{208}{\textSFxlvi}
3399 \DeclareInputText{209}{\textSFxlvii}
3400 \DeclareInputText{210}{\textSFxlvi}
3401 \DeclareInputText{211}{\textSFxlvi}
3402 \DeclareInputText{212}{\textSF1}
3403 \DeclareInputText{213}{\textSFli}
3404 \DeclareInputText{214}{\textSFlii}
3405 \DeclareInputText{215}{\textSFliii}
3406 \DeclareInputText{216}{\textSFliv}
3407 \DeclareInputText{217}{\textSFiv}
3408 \DeclareInputText{218}{\textSFi}
3409 \DeclareInputText{219}{\textblock}
3410 \DeclareInputText{220}{\textdnblock}
3411 \DeclareInputText{221}{\textlfblock}
3412 \DeclareInputText{222}{\textrtblock}
3413 \DeclareInputText{223}{\textupblock}
3414 \DeclareInputText{224}{\cyrr}
3415 \DeclareInputText{225}{\cyrS}
3416 \DeclareInputText{226}{\cyrt}
3417 \DeclareInputText{227}{\cyrU}
3418 \DeclareInputText{228}{\cyrF}
3419 \DeclareInputText{229}{\cyrH}
3420 \DeclareInputText{230}{\cyrC}
3421 \DeclareInputText{231}{\cyrCh}
3422 \DeclareInputText{232}{\cyrSh}
3423 \DeclareInputText{233}{\cyrShch}
3424 \DeclareInputText{234}{\cyrHrdn}
3425 \DeclareInputText{235}{\cyrery}
3426 \DeclareInputText{236}{\cyrSftsn}
3427 \DeclareInputText{237}{\cyrerev}
3428 \DeclareInputText{238}{\cyrYu}

```

```

3429 \DeclareInputText{239}{\cyrya}
3430 \DeclareInputText{240}{\CYRYO}
3431 \DeclareInputText{241}{\cyryo}
3432 \DeclareInputText{242}{\CYRIE}
3433 \DeclareInputText{243}{\cyrie}
3434 \DeclareInputText{244}{\CYRYI}
3435 \DeclareInputText{245}{\cyryi}
3436 \DeclareInputText{246}{\CYRUSHRT}
3437 \DeclareInputText{247}{\cyrushrt}
3438 \DeclareInputText{248}{\textdegree}
3439 \DeclareInputText{249}{\textbullet}
3440 \DeclareInputText{250}{\textperiodcentered}
3441 \DeclareInputText{251}{\textsurd}
3442 \DeclareInputText{252}{\textnumero}
3443 \DeclareInputText{253}{\textcurrency}
3444 \DeclareInputText{254}{\textblacksquare}
3445 \DeclareInputText{255}{\nobreakspace}
3446 \RestoreAtCatcode
3447 \</cp866>

```

2.5.22 Encoding cp1250

```

3448 \<cp1250>
3449 \ProvidesFile{x-cp1250.def}%
3450 [2009/12/15 v1.5 Input encoding cp1250 (inputenx)]%
3451 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3452 \makeatletter
3453 \ProvideTextCommandDefault{\textacutedbl}{%
3454   \H{}}%
3455 }
3456 \ProvideTextCommandDefault{\textasciicute}{%
3457   \@tabacckludge'}%
3458 }
3459 \ProvideTextCommandDefault{\textasciibreve}{%
3460   \u{}}%
3461 }
3462 \ProvideTextCommandDefault{\textasciicaron}{%
3463   \v{}}%
3464 }
3465 \ProvideTextCommandDefault{\textasciidieresis}{%
3466   \"{}}%
3467 }
3468 \ProvideTextCommandDefault{\textbrokenbar}{%
3469   \TextSymbolUnavailable\textbrokenbar
3470 }
3471 \ProvideTextCommandDefault{\textcurrency}{%
3472   \TextSymbolUnavailable\textcurrency
3473 }
3474 \ProvideTextCommandDefault{\textdegree}{%
3475   \ensuremath{^\circ}}%
3476 }
3477 \ProvideTextCommandDefault{\textdiv}{%
3478   \TextSymbolUnavailable\textdiv
3479 }
3480 \ProvideTextCommandDefault{\texteuro}{%
3481   \TextSymbolUnavailable\texteuro
3482 }
3483 \ProvideTextCommandDefault{\textlnot}{%
3484   \ensuremath\not
3485 }
3486 \ProvideTextCommandDefault{\textmu}{%
3487   \ensuremath\mu
3488 }
3489 \ProvideTextCommandDefault{\textpm}{%

```

```

3490 \ensuremath\pm
3491 }
3492 \ProvideTextCommandDefault{\texttimes}{%
3493 \ensuremath\times
3494 }
3495 \DeclareInputText{128}{\texteuro}
3496 \DeclareInputText{130}{\quotesinglbase}
3497 \DeclareInputText{132}{\quotedblbase}
3498 \DeclareInputText{133}{\textellipsis}
3499 \DeclareInputText{134}{\textdagger}
3500 \DeclareInputText{135}{\textdaggerdbl}
3501 \DeclareInputText{137}{\textperthousand}
3502 \DeclareInputText{138}{\v S}
3503 \DeclareInputText{139}{\guilsinglleft}
3504 \DeclareInputText{140}{\@tabacckludge'S}
3505 \DeclareInputText{141}{\v T}
3506 \DeclareInputText{142}{\v Z}
3507 \DeclareInputText{143}{\@tabacckludge'Z}
3508 \DeclareInputText{145}{\textquoteleft}
3509 \DeclareInputText{146}{\textquoteright}
3510 \DeclareInputText{147}{\textquotedblleft}
3511 \DeclareInputText{148}{\textquotedblright}
3512 \DeclareInputText{149}{\textbullet}
3513 \DeclareInputText{150}{\textendash}
3514 \DeclareInputText{151}{\textemdash}
3515 \DeclareInputText{153}{\texttrademark}
3516 \DeclareInputText{154}{\v s}
3517 \DeclareInputText{155}{\guilsinglright}
3518 \DeclareInputText{156}{\@tabacckludge's}
3519 \DeclareInputText{157}{\v t}
3520 \DeclareInputText{158}{\v z}
3521 \DeclareInputText{159}{\@tabacckludge'z}
3522 \DeclareInputText{160}{\nobreakspace}
3523 \DeclareInputText{161}{\textasciicaron}
3524 \DeclareInputText{162}{\textasciibreve}
3525 \DeclareInputText{163}{\L}
3526 \DeclareInputText{164}{\textcurrency}
3527 \DeclareInputText{165}{\k A}
3528 \DeclareInputText{166}{\textbrokenbar}
3529 \DeclareInputText{167}{\textsection}
3530 \DeclareInputText{168}{\textasciidieresis}
3531 \DeclareInputText{169}{\textcopyright}
3532 \DeclareInputText{170}{\c S}
3533 \DeclareInputText{171}{\guillemotleft}
3534 \DeclareInputText{172}{\textlnot}
3535 \DeclareInputText{173}{\textasciimacron}
3536 \DeclareInputText{174}{\textregistered}
3537 \DeclareInputText{175}{\Z}
3538 \DeclareInputText{176}{\textdegree}
3539 \DeclareInputText{177}{\textpm}
3540 \DeclareInputText{178}{\k{}}
3541 \DeclareInputText{179}{\l}
3542 \DeclareInputText{180}{\textasciacute}
3543 \DeclareInputText{181}{\textmu}
3544 \DeclareInputText{182}{\textparagraph}
3545 \DeclareInputText{183}{\textperiodcentered}
3546 \DeclareInputText{184}{\c\ }
3547 \DeclareInputText{185}{\k a}
3548 \DeclareInputText{186}{\c s}
3549 \DeclareInputText{187}{\guillemotright}
3550 \DeclareInputText{188}{\v L}
3551 \DeclareInputText{189}{\textacutedbl}

```

```

3552 \DeclareInputText{190}{\v l}
3553 \DeclareInputText{191}{\ .z}
3554 \DeclareInputText{192}{\@tabacckludge'R}
3555 \DeclareInputText{193}{\@tabacckludge'A}
3556 \DeclareInputText{194}{\^A}
3557 \DeclareInputText{195}{\u A}
3558 \DeclareInputText{196}{\ "A}
3559 \DeclareInputText{197}{\@tabacckludge'L}
3560 \DeclareInputText{198}{\@tabacckludge'C}
3561 \DeclareInputText{199}{\c C}
3562 \DeclareInputText{200}{\v C}
3563 \DeclareInputText{201}{\@tabacckludge'E}
3564 \DeclareInputText{202}{\k E}
3565 \DeclareInputText{203}{\ "E}
3566 \DeclareInputText{204}{\v E}
3567 \DeclareInputText{205}{\@tabacckludge'I}
3568 \DeclareInputText{206}{\^I}
3569 \DeclareInputText{207}{\v D}
3570 \DeclareInputText{208}{\DJ}
3571 \DeclareInputText{209}{\@tabacckludge'N}
3572 \DeclareInputText{210}{\v N}
3573 \DeclareInputText{211}{\@tabacckludge'O}
3574 \DeclareInputText{212}{\^O}
3575 \DeclareInputText{213}{\H O}
3576 \DeclareInputText{214}{\ "O}
3577 \DeclareInputText{215}{\texttimes}
3578 \DeclareInputText{216}{\v R}
3579 \DeclareInputText{217}{\r U}
3580 \DeclareInputText{218}{\@tabacckludge'U}
3581 \DeclareInputText{219}{\H U}
3582 \DeclareInputText{220}{\ "U}
3583 \DeclareInputText{221}{\@tabacckludge'Y}
3584 \DeclareInputText{222}{\c T}
3585 \DeclareInputText{223}{\ss}
3586 \DeclareInputText{224}{\@tabacckludge'r}
3587 \DeclareInputText{225}{\@tabacckludge'a}
3588 \DeclareInputText{226}{\^a}
3589 \DeclareInputText{227}{\u a}
3590 \DeclareInputText{228}{\ "a}
3591 \DeclareInputText{229}{\@tabacckludge'l}
3592 \DeclareInputText{230}{\@tabacckludge'c}
3593 \DeclareInputText{231}{\c c}
3594 \DeclareInputText{232}{\v c}
3595 \DeclareInputText{233}{\@tabacckludge'e}
3596 \DeclareInputText{234}{\k e}
3597 \DeclareInputText{235}{\ "e}
3598 \DeclareInputText{236}{\v e}
3599 \DeclareInputText{237}{\@tabacckludge'i}
3600 \DeclareInputText{238}{\^i}
3601 \DeclareInputText{239}{\v d}
3602 \DeclareInputText{240}{\dj}
3603 \DeclareInputText{241}{\@tabacckludge'n}
3604 \DeclareInputText{242}{\v n}
3605 \DeclareInputText{243}{\@tabacckludge'o}
3606 \DeclareInputText{244}{\^o}
3607 \DeclareInputText{245}{\H o}
3608 \DeclareInputText{246}{\ "o}
3609 \DeclareInputText{247}{\textdiv}
3610 \DeclareInputText{248}{\v r}
3611 \DeclareInputText{249}{\r u}
3612 \DeclareInputText{250}{\@tabacckludge'u}
3613 \DeclareInputText{251}{\H u}

```

```

3614 \DeclareInputText{252}{\u}
3615 \DeclareInputText{253}{\@tabacckludge'y}
3616 \DeclareInputText{254}{\c t}
3617 \DeclareInputText{255}{\.{}}
3618 \RestoreAtCatcode
3619 \</cp1250>

2.5.23 Encoding cp1251

3620 \<*cp1251>
3621 \ProvidesFile{x-cp1251.def}%
3622 [2009/12/15 v1.5 Input encoding cp1251 (inputenx)]%
3623 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3624 \makeatletter
3625 \ProvideTextCommandDefault{\textbrokenbar}{%
3626   \TextSymbolUnavailable\textbrokenbar
3627 }
3628 \ProvideTextCommandDefault{\textcurrency}{%
3629   \TextSymbolUnavailable\textcurrency
3630 }
3631 \ProvideTextCommandDefault{\textdegree}{%
3632   \ensuremath{{}^{\circ}}%
3633 }
3634 \ProvideTextCommandDefault{\texteuro}{%
3635   \TextSymbolUnavailable\texteuro
3636 }
3637 \ProvideTextCommandDefault{\textlnot}{%
3638   \ensuremath{\text{\textlnot}}
3639 }
3640 \ProvideTextCommandDefault{\textmu}{%
3641   \ensuremath{\mu}
3642 }
3643 \ProvideTextCommandDefault{\textnumero}{%
3644   N%
3645   \bgroup
3646     \check@mathfonts
3647     \fontsize\sf@size\z@
3648     \math@fontsfalse
3649     \selectfont
3650     \ooalign{%
3651       \raise0.5ex\hbox{o}%
3652       \cr
3653       \hline
3654     }%
3655   \egroup
3656 }
3657 \ProvideTextCommandDefault{\textpm}{%
3658   \ensuremath{\text{\textpm}}
3659 }
3660 \DeclareInputText{128}{\CYRDJE}
3661 \DeclareInputText{129}{\@tabacckludge'\CYRG}
3662 \DeclareInputText{130}{\quotesinglbase}
3663 \DeclareInputText{131}{\@tabacckludge'\cyrg}
3664 \DeclareInputText{132}{\quotedblbase}
3665 \DeclareInputText{133}{\textellipsis}
3666 \DeclareInputText{134}{\textdagger}
3667 \DeclareInputText{135}{\textdaggerdbl}
3668 \DeclareInputText{136}{\texteuro}
3669 \DeclareInputText{137}{\textperthousand}
3670 \DeclareInputText{138}{\CYRLJE}
3671 \DeclareInputText{139}{\guilsinglleft}
3672 \DeclareInputText{140}{\CYRNJE}
3673 \DeclareInputText{141}{\@tabacckludge'\CYRK}
3674 \DeclareInputText{142}{\CYRTSHE}

```



```

3675 \DeclareInputText{143}{\CYRDZHE}
3676 \DeclareInputText{144}{\cyrdje}
3677 \DeclareInputText{145}{\textquoteleft}
3678 \DeclareInputText{146}{\textquoteright}
3679 \DeclareInputText{147}{\textquotedblleft}
3680 \DeclareInputText{148}{\textquotedblright}
3681 \DeclareInputText{149}{\textbullet}
3682 \DeclareInputText{150}{\textendash}
3683 \DeclareInputText{151}{\textemdash}
3684 \DeclareInputText{153}{\texttrademark}
3685 \DeclareInputText{154}{\cyrlje}
3686 \DeclareInputText{155}{\guilsinglright}
3687 \DeclareInputText{156}{\cyrnje}
3688 \DeclareInputText{157}{\@tabacckludge'\cyrk}
3689 \DeclareInputText{158}{\cyrtshe}
3690 \DeclareInputText{159}{\cyrdzhe}
3691 \DeclareInputText{160}{\nobreakspace}
3692 \DeclareInputText{161}{\CYRUSHRT}
3693 \DeclareInputText{162}{\cyrushrt}
3694 \DeclareInputText{163}{\CYRJE}
3695 \DeclareInputText{164}{\textcurrency}
3696 \DeclareInputText{165}{\CYRGUP}
3697 \DeclareInputText{166}{\textbrokenbar}
3698 \DeclareInputText{167}{\textsection}
3699 \DeclareInputText{168}{\CYRYO}
3700 \DeclareInputText{169}{\textcopyright}
3701 \DeclareInputText{170}{\CYRIE}
3702 \DeclareInputText{171}{\guillemotleft}
3703 \DeclareInputText{172}{\textlnot}
3704 \DeclareInputText{173}{\textasciitilde}
3705 \DeclareInputText{174}{\textregistered}
3706 \DeclareInputText{175}{\CYRYI}
3707 \DeclareInputText{176}{\textdegree}
3708 \DeclareInputText{177}{\textpm}
3709 \DeclareInputText{178}{\CYRII}
3710 \DeclareInputText{179}{\cyrii}
3711 \DeclareInputText{180}{\cyrgup}
3712 \DeclareInputText{181}{\textmu}
3713 \DeclareInputText{182}{\textparagraph}
3714 \DeclareInputText{183}{\textperiodcentered}
3715 \DeclareInputText{184}{\cyryo}
3716 \DeclareInputText{185}{\textnumero}
3717 \DeclareInputText{186}{\cyrie}
3718 \DeclareInputText{187}{\guillemotright}
3719 \DeclareInputText{188}{\cyrje}
3720 \DeclareInputText{189}{\CYRDZE}
3721 \DeclareInputText{190}{\cyrdze}
3722 \DeclareInputText{191}{\cyryi}
3723 \DeclareInputText{192}{\CYRA}
3724 \DeclareInputText{193}{\CYRB}
3725 \DeclareInputText{194}{\CYRV}
3726 \DeclareInputText{195}{\CYRG}
3727 \DeclareInputText{196}{\CYRD}
3728 \DeclareInputText{197}{\CYRE}
3729 \DeclareInputText{198}{\CYRZH}
3730 \DeclareInputText{199}{\CYRZ}
3731 \DeclareInputText{200}{\CYRI}
3732 \DeclareInputText{201}{\CYRISHRT}
3733 \DeclareInputText{202}{\CYRK}
3734 \DeclareInputText{203}{\CYRL}
3735 \DeclareInputText{204}{\CYRM}
3736 \DeclareInputText{205}{\CYRN}

```

```

3737 \DeclareInputText{206}{\CYR0}
3738 \DeclareInputText{207}{\CYRP}
3739 \DeclareInputText{208}{\CYRR}
3740 \DeclareInputText{209}{\CYRS}
3741 \DeclareInputText{210}{\CYRT}
3742 \DeclareInputText{211}{\CYRU}
3743 \DeclareInputText{212}{\CYRF}
3744 \DeclareInputText{213}{\CYRH}
3745 \DeclareInputText{214}{\CYRC}
3746 \DeclareInputText{215}{\CYRCH}
3747 \DeclareInputText{216}{\CYRSH}
3748 \DeclareInputText{217}{\CYRSHCH}
3749 \DeclareInputText{218}{\CYRHRDSN}
3750 \DeclareInputText{219}{\CYRERY}
3751 \DeclareInputText{220}{\CYRSFTSN}
3752 \DeclareInputText{221}{\CYREREV}
3753 \DeclareInputText{222}{\CYRYU}
3754 \DeclareInputText{223}{\CYRYA}
3755 \DeclareInputText{224}{\cyra}
3756 \DeclareInputText{225}{\cyrb}
3757 \DeclareInputText{226}{\cyrv}
3758 \DeclareInputText{227}{\cyrg}
3759 \DeclareInputText{228}{\cyrd}
3760 \DeclareInputText{229}{\cyre}
3761 \DeclareInputText{230}{\cyrzh}
3762 \DeclareInputText{231}{\cyrz}
3763 \DeclareInputText{232}{\cyri}
3764 \DeclareInputText{233}{\cyrishrt}
3765 \DeclareInputText{234}{\cyrk}
3766 \DeclareInputText{235}{\cyr1}
3767 \DeclareInputText{236}{\cyrn}
3768 \DeclareInputText{237}{\cyrn}
3769 \DeclareInputText{238}{\cyro}
3770 \DeclareInputText{239}{\cyrp}
3771 \DeclareInputText{240}{\cyrr}
3772 \DeclareInputText{241}{\cyrs}
3773 \DeclareInputText{242}{\cyrt}
3774 \DeclareInputText{243}{\cyru}
3775 \DeclareInputText{244}{\cyrf}
3776 \DeclareInputText{245}{\cyrh}
3777 \DeclareInputText{246}{\cyrc}
3778 \DeclareInputText{247}{\cyrch}
3779 \DeclareInputText{248}{\cyrsh}
3780 \DeclareInputText{249}{\cyrshch}
3781 \DeclareInputText{250}{\cyrhrdsn}
3782 \DeclareInputText{251}{\cyrery}
3783 \DeclareInputText{252}{\cyrsftsn}
3784 \DeclareInputText{253}{\cyrerev}
3785 \DeclareInputText{254}{\cyryu}
3786 \DeclareInputText{255}{\cyrya}
3787 \RestoreAtCatcode
3788 </cp1251>

```

2.5.24 Encoding cp1252

```

3789 <*cp1252>
3790 \ProvidesFile{x-cp1252.def}%
3791 [2009/12/15 v1.5 Input encoding cp1252 (inputenx)]%
3792 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3793 \makeatletter
3794 \ProvideTextCommandDefault{\textasciicute}{%
3795   \@tabacckludge'}{%
3796 }
3797 \ProvideTextCommandDefault{\textasciidieresis}{%

```

```

3798 \{"}%
3799 }
3800 \ProvideTextCommandDefault{\textasciimacron}{%
3801 \@tabacckludge={}%
3802 }
3803 \ProvideTextCommandDefault{\textbrokenbar}{%
3804 \TextSymbolUnavailable\textbrokenbar
3805 }
3806 \ProvideTextCommandDefault{\textcent}{%
3807 \TextSymbolUnavailable\textcent
3808 }
3809 \ProvideTextCommandDefault{\textcurrency}{%
3810 \TextSymbolUnavailable\textcurrency
3811 }
3812 \ProvideTextCommandDefault{\textdegree}{%
3813 \ensuremath{{}^{\circ}}}%
3814 }
3815 \ProvideTextCommandDefault{\textdiv}{%
3816 \TextSymbolUnavailable\textdiv
3817 }
3818 \ProvideTextCommandDefault{\texteuro}{%
3819 \TextSymbolUnavailable\texteuro
3820 }
3821 \ProvideTextCommandDefault{\textflorin}{%
3822 \textit{f}}%
3823 }
3824 \ProvideTextCommandDefault{\textlnot}{%
3825 \ensuremath{\lnot}
3826 }
3827 \ProvideTextCommandDefault{\textmu}{%
3828 \ensuremath{\mu}
3829 }
3830 \ProvideTextCommandDefault{\textonehalf}{%
3831 \ensuremath{\frac{1}{2}}}%
3832 }
3833 \ProvideTextCommandDefault{\textonequarter}{%
3834 \ensuremath{\frac{1}{4}}}%
3835 }
3836 \ProvideTextCommandDefault{\textonesuperior}{%
3837 \ensuremath{{}^1}}%
3838 }
3839 \ProvideTextCommandDefault{\textpm}{%
3840 \ensuremath{\pm}
3841 }
3842 \ProvideTextCommandDefault{\textthreequarters}{%
3843 \ensuremath{\frac{3}{4}}}%
3844 }
3845 \ProvideTextCommandDefault{\textthreesuperior}{%
3846 \ensuremath{{}^3}}%
3847 }
3848 \ProvideTextCommandDefault{\texttimes}{%
3849 \ensuremath{\times}
3850 }
3851 \ProvideTextCommandDefault{\texttwosuperior}{%
3852 \ensuremath{{}^2}}%
3853 }
3854 \ProvideTextCommandDefault{\textyen}{%
3855 \TextSymbolUnavailable\textyen
3856 }
3857 \DeclareInputText{128}{\texteuro}
3858 \DeclareInputText{130}{\quotesinglbase}
3859 \DeclareInputText{131}{\textflorin}

```

```

3860 \DeclareInputText{132}{\quotedblbase}
3861 \DeclareInputText{133}{\textellipsis}
3862 \DeclareInputText{134}{\textdagger}
3863 \DeclareInputText{135}{\textdaggerdbl}
3864 \DeclareInputText{136}{\textasciicircum}
3865 \DeclareInputText{137}{\textperthousand}
3866 \DeclareInputText{138}{\v S}
3867 \DeclareInputText{139}{\guilsinglleft}
3868 \DeclareInputText{140}{\OE}
3869 \DeclareInputText{142}{\v Z}
3870 \DeclareInputText{145}{\textquoteleft}
3871 \DeclareInputText{146}{\textquoteright}
3872 \DeclareInputText{147}{\textquotedblleft}
3873 \DeclareInputText{148}{\textquotedblright}
3874 \DeclareInputText{149}{\textbullet}
3875 \DeclareInputText{150}{\textendash}
3876 \DeclareInputText{151}{\textemdash}
3877 \DeclareInputText{152}{\textasciitilde}
3878 \DeclareInputText{153}{\texttrademark}
3879 \DeclareInputText{154}{\v s}
3880 \DeclareInputText{155}{\guilsinglright}
3881 \DeclareInputText{156}{\oe}
3882 \DeclareInputText{158}{\v z}
3883 \DeclareInputText{159}{\`Y}
3884 \DeclareInputText{160}{\nobreakspace}
3885 \DeclareInputText{161}{\textexclamdown}
3886 \DeclareInputText{162}{\textcent}
3887 \DeclareInputText{163}{\textsterling}
3888 \DeclareInputText{164}{\textcurrency}
3889 \DeclareInputText{165}{\textyen}
3890 \DeclareInputText{166}{\textbrokenbar}
3891 \DeclareInputText{167}{\textsection}
3892 \DeclareInputText{168}{\textasciidieresis}
3893 \DeclareInputText{169}{\textcopyright}
3894 \DeclareInputText{170}{\textordfeminine}
3895 \DeclareInputText{171}{\guillemotleft}
3896 \DeclareInputText{172}{\textlnot}
3897 \DeclareInputText{173}{\textasciicaron}
3898 \DeclareInputText{174}{\textregistered}
3899 \DeclareInputText{175}{\textasciimacron}
3900 \DeclareInputText{176}{\textdegree}
3901 \DeclareInputText{177}{\textpm}
3902 \DeclareInputText{178}{\texttwosuperior}
3903 \DeclareInputText{179}{\textthreesuperior}
3904 \DeclareInputText{180}{\textasciicircum}
3905 \DeclareInputText{181}{\textmu}
3906 \DeclareInputText{182}{\textparagraph}
3907 \DeclareInputText{183}{\textperiodcentered}
3908 \DeclareInputText{184}{\c }
3909 \DeclareInputText{185}{\textonesuperior}
3910 \DeclareInputText{186}{\textordmasculine}
3911 \DeclareInputText{187}{\guillemotright}
3912 \DeclareInputText{188}{\textonequarter}
3913 \DeclareInputText{189}{\textonehalf}
3914 \DeclareInputText{190}{\textthreequarters}
3915 \DeclareInputText{191}{\textquestiondown}
3916 \DeclareInputText{192}{\@tabacckludge`A}
3917 \DeclareInputText{193}{\@tabacckludge'A}
3918 \DeclareInputText{194}{\^A}
3919 \DeclareInputText{195}{\~A}
3920 \DeclareInputText{196}{\`A}
3921 \DeclareInputText{197}{\r A}

```

```

3922 \DeclareInputText{198}{\AE}
3923 \DeclareInputText{199}{\c C}
3924 \DeclareInputText{200}{\@tabacckludge'E}
3925 \DeclareInputText{201}{\@tabacckludge'E}
3926 \DeclareInputText{202}{\^E}
3927 \DeclareInputText{203}{\"E}
3928 \DeclareInputText{204}{\@tabacckludge'I}
3929 \DeclareInputText{205}{\@tabacckludge'I}
3930 \DeclareInputText{206}{\^I}
3931 \DeclareInputText{207}{\"I}
3932 \DeclareInputText{208}{\DH}
3933 \DeclareInputText{209}{\^N}
3934 \DeclareInputText{210}{\@tabacckludge'O}
3935 \DeclareInputText{211}{\@tabacckludge'O}
3936 \DeclareInputText{212}{\^O}
3937 \DeclareInputText{213}{\~O}
3938 \DeclareInputText{214}{\"O}
3939 \DeclareInputText{215}{\texttimes}
3940 \DeclareInputText{216}{\O}
3941 \DeclareInputText{217}{\@tabacckludge'U}
3942 \DeclareInputText{218}{\@tabacckludge'U}
3943 \DeclareInputText{219}{\^U}
3944 \DeclareInputText{220}{\"U}
3945 \DeclareInputText{221}{\@tabacckludge'Y}
3946 \DeclareInputText{222}{\TH}
3947 \DeclareInputText{223}{\ss}
3948 \DeclareInputText{224}{\@tabacckludge'a}
3949 \DeclareInputText{225}{\@tabacckludge'a}
3950 \DeclareInputText{226}{\^a}
3951 \DeclareInputText{227}{\~a}
3952 \DeclareInputText{228}{\"a}
3953 \DeclareInputText{229}{\r a}
3954 \DeclareInputText{230}{\ae}
3955 \DeclareInputText{231}{\c c}
3956 \DeclareInputText{232}{\@tabacckludge'e}
3957 \DeclareInputText{233}{\@tabacckludge'e}
3958 \DeclareInputText{234}{\^e}
3959 \DeclareInputText{235}{\"e}
3960 \DeclareInputText{236}{\@tabacckludge'i}
3961 \DeclareInputText{237}{\@tabacckludge'i}
3962 \DeclareInputText{238}{\^i}
3963 \DeclareInputText{239}{\"i}
3964 \DeclareInputText{240}{\dh}
3965 \DeclareInputText{241}{\^n}
3966 \DeclareInputText{242}{\@tabacckludge'o}
3967 \DeclareInputText{243}{\@tabacckludge'o}
3968 \DeclareInputText{244}{\^o}
3969 \DeclareInputText{245}{\~o}
3970 \DeclareInputText{246}{\"o}
3971 \DeclareInputText{247}{\textdiv}
3972 \DeclareInputText{248}{\o}
3973 \DeclareInputText{249}{\@tabacckludge'u}
3974 \DeclareInputText{250}{\@tabacckludge'u}
3975 \DeclareInputText{251}{\^u}
3976 \DeclareInputText{252}{\"u}
3977 \DeclareInputText{253}{\@tabacckludge'y}
3978 \DeclareInputText{254}{\th}
3979 \DeclareInputText{255}{\"y}
3980 \RestoreAtCatcode
3981 \</cp1252>

```

2.5.25 Encoding cp1257

```

3982 \<*cp1257>

```

```

3983 \ProvidesFile{x-cp1257.def}%
3984 [2009/12/15 v1.5 Input encoding cp1257 (inputenx)]%
3985 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3986 \makeatletter
3987 \ProvideTextCommandDefault{\textasciicute}{%
3988   \@tabacckludge'}{%
3989 }
3990 \ProvideTextCommandDefault{\textasciicaron}{%
3991   \v{}%
3992 }
3993 \ProvideTextCommandDefault{\textasciidieresis}{%
3994   \"{}%
3995 }
3996 \ProvideTextCommandDefault{\textasciimacron}{%
3997   \@tabacckludge={}%
3998 }
3999 \ProvideTextCommandDefault{\textbrokenbar}{%
4000   \TextSymbolUnavailable\textbrokenbar
4001 }
4002 \ProvideTextCommandDefault{\textcent}{%
4003   \TextSymbolUnavailable\textcent
4004 }
4005 \ProvideTextCommandDefault{\textcurrency}{%
4006   \TextSymbolUnavailable\textcurrency
4007 }
4008 \ProvideTextCommandDefault{\textdegree}{%
4009   \ensuremath{{}^\circ}}%
4010 }
4011 \ProvideTextCommandDefault{\textdiv}{%
4012   \TextSymbolUnavailable\textdiv
4013 }
4014 \ProvideTextCommandDefault{\texteuro}{%
4015   \TextSymbolUnavailable\texteuro
4016 }
4017 \ProvideTextCommandDefault{\textlnot}{%
4018   \ensuremath{\lnot}
4019 }
4020 \ProvideTextCommandDefault{\textmu}{%
4021   \ensuremath{\mu}
4022 }
4023 \ProvideTextCommandDefault{\textonehalf}{%
4024   \ensuremath{\frac{1}{2}}%
4025 }
4026 \ProvideTextCommandDefault{\textonequarter}{%
4027   \ensuremath{\frac{1}{4}}%
4028 }
4029 \ProvideTextCommandDefault{\textonesuperior}{%
4030   \ensuremath{{}^1}}%
4031 }
4032 \ProvideTextCommandDefault{\textpm}{%
4033   \ensuremath{\pm}
4034 }
4035 \ProvideTextCommandDefault{\textthreequarters}{%
4036   \ensuremath{\frac{3}{4}}%
4037 }
4038 \ProvideTextCommandDefault{\textthreesuperior}{%
4039   \ensuremath{{}^3}}%
4040 }
4041 \ProvideTextCommandDefault{\texttimes}{%
4042   \ensuremath{\times}
4043 }
4044 \ProvideTextCommandDefault{\texttwosuperior}{%

```

```

4045 \ensuremath{{}^2}}%
4046 }
4047 \DeclareInputText{128}{\texteuro}
4048 \DeclareInputText{130}{\quotesinglbase}
4049 \DeclareInputText{132}{\quotedblbase}
4050 \DeclareInputText{133}{\textellipsis}
4051 \DeclareInputText{134}{\textdagger}
4052 \DeclareInputText{135}{\textdaggerdbl}
4053 \DeclareInputText{137}{\textperthousand}
4054 \DeclareInputText{139}{\guilsinglleft}
4055 \DeclareInputText{141}{\textasciidieresis}
4056 \DeclareInputText{142}{\textasciicaron}
4057 \DeclareInputText{143}{\c\ }
4058 \DeclareInputText{145}{\textquoteleft}
4059 \DeclareInputText{146}{\textquoteright}
4060 \DeclareInputText{147}{\textquotedblleft}
4061 \DeclareInputText{148}{\textquotedblright}
4062 \DeclareInputText{149}{\textbullet}
4063 \DeclareInputText{150}{\textendash}
4064 \DeclareInputText{151}{\textemdash}
4065 \DeclareInputText{153}{\texttrademark}
4066 \DeclareInputText{155}{\guilsinglright}
4067 \DeclareInputText{157}{\textasciimacron}
4068 \DeclareInputText{158}{\k{}}
4069 \DeclareInputText{160}{\nobreakspace}
4070 \DeclareInputText{162}{\textcent}
4071 \DeclareInputText{163}{\textsterling}
4072 \DeclareInputText{164}{\textcurrency}
4073 \DeclareInputText{166}{\textbrokenbar}
4074 \DeclareInputText{167}{\textsection}
4075 \DeclareInputText{168}{\0}
4076 \DeclareInputText{169}{\textcopyright}
4077 \DeclareInputText{170}{\c R}
4078 \DeclareInputText{171}{\guillemotleft}
4079 \DeclareInputText{172}{\textlnot}
4080 \DeclareInputText{173}{\textasciicaron}
4081 \DeclareInputText{174}{\textregistered}
4082 \DeclareInputText{175}{\AE}
4083 \DeclareInputText{176}{\textdegree}
4084 \DeclareInputText{177}{\textpm}
4085 \DeclareInputText{178}{\texttttwo superior}
4086 \DeclareInputText{179}{\textttthree superior}
4087 \DeclareInputText{180}{\textasciicaron}
4088 \DeclareInputText{181}{\textmu}
4089 \DeclareInputText{182}{\textparagraph}
4090 \DeclareInputText{183}{\textperiodcentered}
4091 \DeclareInputText{184}{\o}
4092 \DeclareInputText{185}{\textonesuperior}
4093 \DeclareInputText{186}{\c r}
4094 \DeclareInputText{187}{\guillemotright}
4095 \DeclareInputText{188}{\textonequarter}
4096 \DeclareInputText{189}{\textonehalf}
4097 \DeclareInputText{190}{\textthreequarters}
4098 \DeclareInputText{191}{\ae}
4099 \DeclareInputText{192}{\k A}
4100 \DeclareInputText{193}{\k I}
4101 \DeclareInputText{194}{\@tabacckludge=A}
4102 \DeclareInputText{195}{\@tabacckludge'C}
4103 \DeclareInputText{196}{\ "A}
4104 \DeclareInputText{197}{\r A}
4105 \DeclareInputText{198}{\k E}
4106 \DeclareInputText{199}{\@tabacckludge=E}

```

```

4107 \DeclareInputText{200}{\v C}
4108 \DeclareInputText{201}{\@tabacckludge'E}
4109 \DeclareInputText{202}{\@tabacckludge'Z}
4110 \DeclareInputText{203}{\ .E}
4111 \DeclareInputText{204}{\c G}
4112 \DeclareInputText{205}{\c K}
4113 \DeclareInputText{206}{\@tabacckludge=I}
4114 \DeclareInputText{207}{\c L}
4115 \DeclareInputText{208}{\v S}
4116 \DeclareInputText{209}{\@tabacckludge'N}
4117 \DeclareInputText{210}{\c N}
4118 \DeclareInputText{211}{\@tabacckludge'O}
4119 \DeclareInputText{212}{\@tabacckludge=0}
4120 \DeclareInputText{213}{\~0}
4121 \DeclareInputText{214}{\ "0}
4122 \DeclareInputText{215}{\texttimes}
4123 \DeclareInputText{216}{\k U}
4124 \DeclareInputText{217}{\L}
4125 \DeclareInputText{218}{\@tabacckludge'S}
4126 \DeclareInputText{219}{\@tabacckludge=U}
4127 \DeclareInputText{220}{\ "U}
4128 \DeclareInputText{221}{\ .Z}
4129 \DeclareInputText{222}{\v Z}
4130 \DeclareInputText{223}{\ss}
4131 \DeclareInputText{224}{\k a}
4132 \DeclareInputText{225}{\k i}
4133 \DeclareInputText{226}{\@tabacckludge=a}
4134 \DeclareInputText{227}{\@tabacckludge'c}
4135 \DeclareInputText{228}{\ "a}
4136 \DeclareInputText{229}{\r a}
4137 \DeclareInputText{230}{\k e}
4138 \DeclareInputText{231}{\@tabacckludge=e}
4139 \DeclareInputText{232}{\v c}
4140 \DeclareInputText{233}{\@tabacckludge'e}
4141 \DeclareInputText{234}{\@tabacckludge'z}
4142 \DeclareInputText{235}{\ .e}
4143 \DeclareInputText{236}{\v g}
4144 \DeclareInputText{237}{\c k}
4145 \DeclareInputText{238}{\@tabacckludge=\i}
4146 \DeclareInputText{239}{\c l}
4147 \DeclareInputText{240}{\v s}
4148 \DeclareInputText{241}{\@tabacckludge'n}
4149 \DeclareInputText{242}{\c n}
4150 \DeclareInputText{243}{\@tabacckludge'o}
4151 \DeclareInputText{244}{\@tabacckludge=o}
4152 \DeclareInputText{245}{\~o}
4153 \DeclareInputText{246}{\ "o}
4154 \DeclareInputText{247}{\textdiv}
4155 \DeclareInputText{248}{\k u}
4156 \DeclareInputText{249}{\l}
4157 \DeclareInputText{250}{\@tabacckludge's}
4158 \DeclareInputText{251}{\@tabacckludge=u}
4159 \DeclareInputText{252}{\ "u}
4160 \DeclareInputText{253}{\ .z}
4161 \DeclareInputText{254}{\v z}
4162 \DeclareInputText{255}{\ .{}}
4163 \RestoreAtCatcode
4164 </cp1257>

```

2.5.26 Encoding dec-mcs

```

4165 <*dec – mcs>
4166 \ProvidesFile{x-dec-mcs.def}%
4167 [2009/12/15 v1.5 Input encoding dec-mcs (inputenx)]%

```



```

4168 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4169 \makeatletter
4170 \ProvideTextCommandDefault{\textcent}{%
4171   \TextSymbolUnavailable\textcent
4172 }
4173 \ProvideTextCommandDefault{\textcurrency}{%
4174   \TextSymbolUnavailable\textcurrency
4175 }
4176 \ProvideTextCommandDefault{\textdegree}{%
4177   \ensuremath{{}^{\circ}}%
4178 }
4179 \ProvideTextCommandDefault{\textmu}{%
4180   \ensuremath{\mu}
4181 }
4182 \ProvideTextCommandDefault{\textonehalf}{%
4183   \ensuremath{\frac{1}{2}}%
4184 }
4185 \ProvideTextCommandDefault{\textonequarter}{%
4186   \ensuremath{\frac{1}{4}}%
4187 }
4188 \ProvideTextCommandDefault{\textonesuperior}{%
4189   \ensuremath{{}^1}%
4190 }
4191 \ProvideTextCommandDefault{\textpm}{%
4192   \ensuremath{\text{pm}}
4193 }
4194 \ProvideTextCommandDefault{\textthreesuperior}{%
4195   \ensuremath{{}^3}%
4196 }
4197 \ProvideTextCommandDefault{\texttwosuperior}{%
4198   \ensuremath{{}^2}%
4199 }
4200 \ProvideTextCommandDefault{\textyen}{%
4201   \TextSymbolUnavailable\textyen
4202 }
4203 \DeclareInputText{161}{\textexclamdown}
4204 \DeclareInputText{162}{\textcent}
4205 \DeclareInputText{163}{\textsterling}
4206 \DeclareInputText{165}{\textyen}
4207 \DeclareInputText{167}{\textsection}
4208 \DeclareInputText{168}{\textcurrency}
4209 \DeclareInputText{169}{\textcopyright}
4210 \DeclareInputText{170}{\textordfeminine}
4211 \DeclareInputText{171}{\guillemotleft}
4212 \DeclareInputText{176}{\textdegree}
4213 \DeclareInputText{177}{\textpm}
4214 \DeclareInputText{178}{\texttwosuperior}
4215 \DeclareInputText{179}{\textthreesuperior}
4216 \DeclareInputText{181}{\textmu}
4217 \DeclareInputText{182}{\textparagraph}
4218 \DeclareInputText{183}{\textperiodcentered}
4219 \DeclareInputText{185}{\textonesuperior}
4220 \DeclareInputText{186}{\textordmasculine}
4221 \DeclareInputText{187}{\guillemotright}
4222 \DeclareInputText{188}{\textonequarter}
4223 \DeclareInputText{189}{\textonehalf}
4224 \DeclareInputText{191}{\textquestiondown}
4225 \DeclareInputText{192}{\@tabacckludge'A}
4226 \DeclareInputText{193}{\@tabacckludge'A}
4227 \DeclareInputText{194}{\^A}
4228 \DeclareInputText{195}{\^A}
4229 \DeclareInputText{196}{\A}

```

```

4230 \DeclareInputText{197}{\r A}
4231 \DeclareInputText{198}{\AE}
4232 \DeclareInputText{199}{\c C}
4233 \DeclareInputText{200}{\@tabacckludge'E}
4234 \DeclareInputText{201}{\@tabacckludge'E}
4235 \DeclareInputText{202}{\^E}
4236 \DeclareInputText{203}{\E}
4237 \DeclareInputText{204}{\@tabacckludge'I}
4238 \DeclareInputText{205}{\@tabacckludge'I}
4239 \DeclareInputText{206}{\^I}
4240 \DeclareInputText{207}{\I}
4241 \DeclareInputText{209}{\^N}
4242 \DeclareInputText{210}{\@tabacckludge'O}
4243 \DeclareInputText{211}{\@tabacckludge'O}
4244 \DeclareInputText{212}{\^O}
4245 \DeclareInputText{213}{\~O}
4246 \DeclareInputText{214}{\O}
4247 \DeclareInputText{215}{\OE}
4248 \DeclareInputText{216}{\O}
4249 \DeclareInputText{217}{\@tabacckludge'U}
4250 \DeclareInputText{218}{\@tabacckludge'U}
4251 \DeclareInputText{219}{\^U}
4252 \DeclareInputText{220}{\U}
4253 \DeclareInputText{221}{\Y}
4254 \DeclareInputText{223}{\ss}
4255 \DeclareInputText{224}{\@tabacckludge'a}
4256 \DeclareInputText{225}{\@tabacckludge'a}
4257 \DeclareInputText{226}{\^a}
4258 \DeclareInputText{227}{\~a}
4259 \DeclareInputText{228}{\a}
4260 \DeclareInputText{229}{\r a}
4261 \DeclareInputText{230}{\ae}
4262 \DeclareInputText{231}{\c c}
4263 \DeclareInputText{232}{\@tabacckludge'e}
4264 \DeclareInputText{233}{\@tabacckludge'e}
4265 \DeclareInputText{234}{\^e}
4266 \DeclareInputText{235}{\e}
4267 \DeclareInputText{236}{\@tabacckludge'i}
4268 \DeclareInputText{237}{\@tabacckludge'i}
4269 \DeclareInputText{238}{\^i}
4270 \DeclareInputText{239}{\i}
4271 \DeclareInputText{241}{\^n}
4272 \DeclareInputText{242}{\@tabacckludge'o}
4273 \DeclareInputText{243}{\@tabacckludge'o}
4274 \DeclareInputText{244}{\^o}
4275 \DeclareInputText{245}{\~o}
4276 \DeclareInputText{246}{\o}
4277 \DeclareInputText{247}{\oe}
4278 \DeclareInputText{248}{\o}
4279 \DeclareInputText{249}{\@tabacckludge'u}
4280 \DeclareInputText{250}{\@tabacckludge'u}
4281 \DeclareInputText{251}{\^u}
4282 \DeclareInputText{252}{\u}
4283 \DeclareInputText{253}{\y}
4284 \RestoreAtCatcode
4285 </dec – mcs>

```

2.5.27 Encoding koi8-r

```

4286 <*koi8 – r>
4287 \ProvidesFile{x-koi8-r.def}%
4288 [2009/12/15 v1.5 Input encoding koi8-r (inputenx)]%
4289 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4290 \makeatletter

```

```

4291 \ProvideTextCommandDefault{\textapproxequal}{%
4292   \ensuremath\approx
4293 }
4294 \ProvideTextCommandDefault{\textblacksquare}{%
4295   \vrule \@width .3em \@height .4em \@depth -.1em\relax
4296 }
4297 \ProvideTextCommandDefault{\textdegree}{%
4298   \ensuremath{^\circ}}%
4299 }
4300 \ProvideTextCommandDefault{\textdiv}{%
4301   \TextSymbolUnavailable\textdiv
4302 }
4303 \ProvideTextCommandDefault{\textgreaterequal}{%
4304   \ensuremath\geq
4305 }
4306 \ProvideTextCommandDefault{\textlessequal}{%
4307   \ensuremath\leq
4308 }
4309 \ProvideTextCommandDefault{\textsurd}{%
4310   \ensuremath\surd
4311 }
4312 \ProvideTextCommandDefault{\texttwosuperior}{%
4313   \ensuremath{{}^2}}%
4314 }
4315 \DeclareInputText{128}{\textSFx}
4316 \DeclareInputText{129}{\textSFxi}
4317 \DeclareInputText{130}{\textSFi}
4318 \DeclareInputText{131}{\textSFiii}
4319 \DeclareInputText{132}{\textSFii}
4320 \DeclareInputText{133}{\textSFiv}
4321 \DeclareInputText{134}{\textSFviii}
4322 \DeclareInputText{135}{\textSFix}
4323 \DeclareInputText{136}{\textSFvi}
4324 \DeclareInputText{137}{\textSFvii}
4325 \DeclareInputText{138}{\textSFv}
4326 \DeclareInputText{139}{\textupblock}
4327 \DeclareInputText{140}{\textdnblock}
4328 \DeclareInputText{141}{\textblock}
4329 \DeclareInputText{142}{\textlfblock}
4330 \DeclareInputText{143}{\textrtblock}
4331 \DeclareInputText{144}{\textltshade}
4332 \DeclareInputText{145}{\textshade}
4333 \DeclareInputText{146}{\textdkshade}
4334 \DeclareInputText{148}{\textblacksquare}
4335 \DeclareInputText{149}{\textbullet}
4336 \DeclareInputText{150}{\textsurd}
4337 \DeclareInputText{151}{\textapproxequal}
4338 \DeclareInputText{152}{\textlessequal}
4339 \DeclareInputText{153}{\textgreaterequal}
4340 \DeclareInputText{154}{\nobreakspace}
4341 \DeclareInputText{156}{\textdegree}
4342 \DeclareInputText{157}{\texttwosuperior}
4343 \DeclareInputText{158}{\textperiodcentered}
4344 \DeclareInputText{159}{\textdiv}
4345 \DeclareInputText{160}{\textSFxlili}
4346 \DeclareInputText{161}{\textSFxxiv}
4347 \DeclareInputText{162}{\textSFli}
4348 \DeclareInputText{163}{\cyryo}
4349 \DeclareInputText{164}{\textSFlii}
4350 \DeclareInputText{165}{\textSFxxxix}
4351 \DeclareInputText{166}{\textSFxxii}
4352 \DeclareInputText{167}{\textSFxxi}

```

```

4353 \DeclareInputText{168}{\textSFxxv}
4354 \DeclareInputText{169}{\textSF1}
4355 \DeclareInputText{170}{\textSFxlxi}
4356 \DeclareInputText{171}{\textSFxxxviii}
4357 \DeclareInputText{172}{\textSFxxviii}
4358 \DeclareInputText{173}{\textSFxxvii}
4359 \DeclareInputText{174}{\textSFxxvi}
4360 \DeclareInputText{175}{\textSFxxxvi}
4361 \DeclareInputText{176}{\textSFxxvii}
4362 \DeclareInputText{177}{\textSFxlii}
4363 \DeclareInputText{178}{\textSFxix}
4364 \DeclareInputText{179}{\CYRY0}
4365 \DeclareInputText{180}{\textSFxx}
4366 \DeclareInputText{181}{\textSFxxiii}
4367 \DeclareInputText{182}{\textSFxlvi}
4368 \DeclareInputText{183}{\textSFxlvi}
4369 \DeclareInputText{184}{\textSFxli}
4370 \DeclareInputText{185}{\textSFxlv}
4371 \DeclareInputText{186}{\textSFxlv}
4372 \DeclareInputText{187}{\textSFxl}
4373 \DeclareInputText{188}{\textSFliv}
4374 \DeclareInputText{189}{\textSFliii}
4375 \DeclareInputText{190}{\textSFxliv}
4376 \DeclareInputText{191}{\textcopyright}
4377 \DeclareInputText{192}{\cyryu}
4378 \DeclareInputText{193}{\cyra}
4379 \DeclareInputText{194}{\cyrb}
4380 \DeclareInputText{195}{\cyrc}
4381 \DeclareInputText{196}{\cyrd}
4382 \DeclareInputText{197}{\cyre}
4383 \DeclareInputText{198}{\cyrf}
4384 \DeclareInputText{199}{\cyrg}
4385 \DeclareInputText{200}{\cyrh}
4386 \DeclareInputText{201}{\cyri}
4387 \DeclareInputText{202}{\cyrishrt}
4388 \DeclareInputText{203}{\cyrk}
4389 \DeclareInputText{204}{\cyr1}
4390 \DeclareInputText{205}{\cyrm}
4391 \DeclareInputText{206}{\cyrn}
4392 \DeclareInputText{207}{\cyro}
4393 \DeclareInputText{208}{\cyrp}
4394 \DeclareInputText{209}{\cyrya}
4395 \DeclareInputText{210}{\cyrr}
4396 \DeclareInputText{211}{\cyrs}
4397 \DeclareInputText{212}{\cyrt}
4398 \DeclareInputText{213}{\cyrz}
4399 \DeclareInputText{214}{\cyrzh}
4400 \DeclareInputText{215}{\cyrz}
4401 \DeclareInputText{216}{\cyrsftsn}
4402 \DeclareInputText{217}{\cyrrery}
4403 \DeclareInputText{218}{\cyrz}
4404 \DeclareInputText{219}{\cyrsh}
4405 \DeclareInputText{220}{\cyrrerev}
4406 \DeclareInputText{221}{\cyrshch}
4407 \DeclareInputText{222}{\cyrch}
4408 \DeclareInputText{223}{\cyrhrdsn}
4409 \DeclareInputText{224}{\CYRYU}
4410 \DeclareInputText{225}{\CYRA}
4411 \DeclareInputText{226}{\CYRB}
4412 \DeclareInputText{227}{\CYRC}
4413 \DeclareInputText{228}{\CYRD}
4414 \DeclareInputText{229}{\CYRE}

```

```

4415 \DeclareInputText{230}{\CYRF}
4416 \DeclareInputText{231}{\CYRG}
4417 \DeclareInputText{232}{\CYRH}
4418 \DeclareInputText{233}{\CYRI}
4419 \DeclareInputText{234}{\CYRISHRT}
4420 \DeclareInputText{235}{\CYRK}
4421 \DeclareInputText{236}{\CYRL}
4422 \DeclareInputText{237}{\CYRM}
4423 \DeclareInputText{238}{\CYRN}
4424 \DeclareInputText{239}{\CYRO}
4425 \DeclareInputText{240}{\CYRP}
4426 \DeclareInputText{241}{\CYRYA}
4427 \DeclareInputText{242}{\CYRR}
4428 \DeclareInputText{243}{\CYRS}
4429 \DeclareInputText{244}{\CYRT}
4430 \DeclareInputText{245}{\CYRU}
4431 \DeclareInputText{246}{\CYRZH}
4432 \DeclareInputText{247}{\CYRV}
4433 \DeclareInputText{248}{\CYRSFTSN}
4434 \DeclareInputText{249}{\CYRERY}
4435 \DeclareInputText{250}{\CYRZ}
4436 \DeclareInputText{251}{\CYRSH}
4437 \DeclareInputText{252}{\CYREREV}
4438 \DeclareInputText{253}{\CYRSHCH}
4439 \DeclareInputText{254}{\CYRCH}
4440 \DeclareInputText{255}{\CYRHRDSN}
4441 \RestoreAtCatcode
4442 </koi8 - r>

```

2.5.28 Encoding mac-centeuro

```

4443 <*mac - centeuro>
4444 \ProvidesFile{x-mac-centeuro.def}%
4445 [2009/12/15 v1.5 Input encoding mac-centeuro (inputenx)]%
4446 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4447 \makeatletter
4448 \ProvideTextCommandDefault{\textasciicaron}{%
4449   \v{}}%
4450 }
4451 \ProvideTextCommandDefault{\textasciidieresis}{%
4452   \"{}}%
4453 }
4454 \ProvideTextCommandDefault{\textdegree}{%
4455   \ensuremath{{}^{\circ}}}%
4456 }
4457 \ProvideTextCommandDefault{\textdiv}{%
4458   \TextSymbolUnavailable\textdiv}
4459 }
4460 \ProvideTextCommandDefault{\textgreaterequal}{%
4461   \ensuremath{\geq}}
4462 }
4463 \ProvideTextCommandDefault{\textincrement}{%
4464   \ensuremath{\Delta}}
4465 }
4466 \ProvideTextCommandDefault{\textlessequal}{%
4467   \ensuremath{\leq}}
4468 }
4469 \ProvideTextCommandDefault{\textlnot}{%
4470   \ensuremath{\lnot}}
4471 }
4472 \ProvideTextCommandDefault{\textlozenge}{%
4473   \ensuremath{\diamond}}
4474 }
4475 \ProvideTextCommandDefault{\textnotequal}{%

```

```

4476 \ensuremath\neq
4477 }
4478 \ProvideTextCommandDefault{\textpartial}{%
4479 \ensuremath\partial
4480 }
4481 \ProvideTextCommandDefault{\textsummation}{%
4482 \ensuremath\Sigma
4483 }
4484 \ProvideTextCommandDefault{\textsurd}{%
4485 \ensuremath\surd
4486 }
4487 \DeclareInputText{128}{\ "A}
4488 \DeclareInputText{129}{\@tabacckludge=A}
4489 \DeclareInputText{130}{\@tabacckludge=a}
4490 \DeclareInputText{131}{\@tabacckludge'E}
4491 \DeclareInputText{132}{\k A}
4492 \DeclareInputText{133}{\ "0}
4493 \DeclareInputText{134}{\ "U}
4494 \DeclareInputText{135}{\@tabacckludge'a}
4495 \DeclareInputText{136}{\k a}
4496 \DeclareInputText{137}{\v C}
4497 \DeclareInputText{138}{\ "a}
4498 \DeclareInputText{139}{\v c}
4499 \DeclareInputText{140}{\@tabacckludge'C}
4500 \DeclareInputText{141}{\@tabacckludge'c}
4501 \DeclareInputText{142}{\@tabacckludge'e}
4502 \DeclareInputText{143}{\@tabacckludge'Z}
4503 \DeclareInputText{144}{\@tabacckludge'z}
4504 \DeclareInputText{145}{\v D}
4505 \DeclareInputText{146}{\@tabacckludge'i}
4506 \DeclareInputText{147}{\v d}
4507 \DeclareInputText{148}{\@tabacckludge=E}
4508 \DeclareInputText{149}{\@tabacckludge=e}
4509 \DeclareInputText{150}{\ .E}
4510 \DeclareInputText{151}{\@tabacckludge'o}
4511 \DeclareInputText{152}{\ .e}
4512 \DeclareInputText{153}{\ ^o}
4513 \DeclareInputText{154}{\ "o}
4514 \DeclareInputText{155}{\ ^o}
4515 \DeclareInputText{156}{\@tabacckludge'u}
4516 \DeclareInputText{157}{\v E}
4517 \DeclareInputText{158}{\v e}
4518 \DeclareInputText{159}{\ "u}
4519 \DeclareInputText{160}{\textdagger}
4520 \DeclareInputText{161}{\textdegree}
4521 \DeclareInputText{162}{\k E}
4522 \DeclareInputText{163}{\textsterling}
4523 \DeclareInputText{164}{\textsection}
4524 \DeclareInputText{165}{\textbullet}
4525 \DeclareInputText{166}{\textparagraph}
4526 \DeclareInputText{167}{\ss}
4527 \DeclareInputText{168}{\textregistered}
4528 \DeclareInputText{169}{\textcopyright}
4529 \DeclareInputText{170}{\texttrademark}
4530 \DeclareInputText{171}{\k e}
4531 \DeclareInputText{172}{\textasciidieresis}
4532 \DeclareInputText{173}{\textnotequal}
4533 \DeclareInputText{174}{\v g}
4534 \DeclareInputText{175}{\k I}
4535 \DeclareInputText{176}{\k i}
4536 \DeclareInputText{177}{\@tabacckludge=I}
4537 \DeclareInputText{178}{\textlesseqqual}

```

```

4538 \DeclareInputText{179}{\textgreaterequal}
4539 \DeclareInputText{180}{\@tabacckludge=i}
4540 \DeclareInputText{181}{\c K}
4541 \DeclareInputText{182}{\textpartial}
4542 \DeclareInputText{183}{\textsummation}
4543 \DeclareInputText{184}{\l}
4544 \DeclareInputText{185}{\c L}
4545 \DeclareInputText{186}{\c l}
4546 \DeclareInputText{187}{\v L}
4547 \DeclareInputText{188}{\v l}
4548 \DeclareInputText{189}{\@tabacckludge'L}
4549 \DeclareInputText{190}{\@tabacckludge'l}
4550 \DeclareInputText{191}{\c N}
4551 \DeclareInputText{192}{\c n}
4552 \DeclareInputText{193}{\@tabacckludge'N}
4553 \DeclareInputText{194}{\textlnot}
4554 \DeclareInputText{195}{\textsurd}
4555 \DeclareInputText{196}{\@tabacckludge'n}
4556 \DeclareInputText{197}{\v N}
4557 \DeclareInputText{198}{\textincrement}
4558 \DeclareInputText{199}{\guillemotleft}
4559 \DeclareInputText{200}{\guillemotright}
4560 \DeclareInputText{201}{\textellipsis}
4561 \DeclareInputText{202}{\nobreakspace}
4562 \DeclareInputText{203}{\v n}
4563 \DeclareInputText{204}{\H O}
4564 \DeclareInputText{205}{\^0}
4565 \DeclareInputText{206}{\H o}
4566 \DeclareInputText{207}{\@tabacckludge=0}
4567 \DeclareInputText{208}{\textendash}
4568 \DeclareInputText{209}{\textemdash}
4569 \DeclareInputText{210}{\textquotedblleft}
4570 \DeclareInputText{211}{\textquotedblright}
4571 \DeclareInputText{212}{\textquoteleft}
4572 \DeclareInputText{213}{\textquoteright}
4573 \DeclareInputText{214}{\textdiv}
4574 \DeclareInputText{215}{\textlozenge}
4575 \DeclareInputText{216}{\@tabacckludge=o}
4576 \DeclareInputText{217}{\@tabacckludge'R}
4577 \DeclareInputText{218}{\@tabacckludge'r}
4578 \DeclareInputText{219}{\v R}
4579 \DeclareInputText{220}{\guilsinglleft}
4580 \DeclareInputText{221}{\guilsinglright}
4581 \DeclareInputText{222}{\v r}
4582 \DeclareInputText{223}{\c R}
4583 \DeclareInputText{224}{\c r}
4584 \DeclareInputText{225}{\v S}
4585 \DeclareInputText{226}{\quotesinglbase}
4586 \DeclareInputText{227}{\quotedblbase}
4587 \DeclareInputText{228}{\v s}
4588 \DeclareInputText{229}{\@tabacckludge'S}
4589 \DeclareInputText{230}{\@tabacckludge's}
4590 \DeclareInputText{231}{\@tabacckludge'A}
4591 \DeclareInputText{232}{\v T}
4592 \DeclareInputText{233}{\v t}
4593 \DeclareInputText{234}{\@tabacckludge'I}
4594 \DeclareInputText{235}{\v Z}
4595 \DeclareInputText{236}{\v z}
4596 \DeclareInputText{237}{\@tabacckludge=U}
4597 \DeclareInputText{238}{\@tabacckludge'O}
4598 \DeclareInputText{239}{\^0}
4599 \DeclareInputText{240}{\@tabacckludge=u}

```

```

4600 \DeclareInputText{241}{\r U}
4601 \DeclareInputText{242}{\@tabacckludge'U}
4602 \DeclareInputText{243}{\r u}
4603 \DeclareInputText{244}{\H U}
4604 \DeclareInputText{245}{\H u}
4605 \DeclareInputText{246}{\k U}
4606 \DeclareInputText{247}{\k u}
4607 \DeclareInputText{248}{\@tabacckludge'Y}
4608 \DeclareInputText{249}{\@tabacckludge'y}
4609 \DeclareInputText{250}{\c k}
4610 \DeclareInputText{251}{\c Z}
4611 \DeclareInputText{252}{\c L}
4612 \DeclareInputText{253}{\c z}
4613 \DeclareInputText{254}{\c G}
4614 \DeclareInputText{255}{\textasciicaron}
4615 \RestoreAtCatcode
4616 \</mac – centeuro>

```

2.5.29 Encoding mac-cyrillic

```

4617 \<*mac – cyrillic>
4618 \ProvidesFile{x-mac-cyrillic.def}%
4619 [2009/12/15 v1.5 Input encoding mac-cyrillic (inputenx)]%
4620 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4621 \makeatletter
4622 \ProvideTextCommandDefault{\textapprox}{\%
4623   \ensuremath\approx
4624 }
4625 \ProvideTextCommandDefault{\textdegree}{\%
4626   \ensuremath{^\circ}
4627 }
4628 \ProvideTextCommandDefault{\textdiv}{\%
4629   \TextSymbolUnavailable\textdiv
4630 }
4631 \ProvideTextCommandDefault{\texteuro}{\%
4632   \TextSymbolUnavailable\texteuro
4633 }
4634 \ProvideTextCommandDefault{\textflorin}{\%
4635   \textit{f}
4636 }
4637 \ProvideTextCommandDefault{\textgreater}{\%
4638   \ensuremath\geq
4639 }
4640 \ProvideTextCommandDefault{\textincrement}{\%
4641   \ensuremath\Delta
4642 }
4643 \ProvideTextCommandDefault{\textinfinity}{\%
4644   \ensuremath\infty
4645 }
4646 \ProvideTextCommandDefault{\textlesseq}{\%
4647   \ensuremath\leq
4648 }
4649 \ProvideTextCommandDefault{\textlnot}{\%
4650   \ensuremath\not
4651 }
4652 \ProvideTextCommandDefault{\textmu}{\%
4653   \ensuremath\mu
4654 }
4655 \ProvideTextCommandDefault{\textnotequal}{\%
4656   \ensuremath\neq
4657 }
4658 \ProvideTextCommandDefault{\textnumero}{\%
4659   N
4660 }

```



```

4661 \check@mathfonts
4662 \fontsize\sf@size\z@
4663 \math@fontsfalse
4664 \selectfont
4665 \ooalign{%
4666   \raise0.5ex\hbox{o}%
4667   \crr
4668   \hline
4669 }%
4670 \egroup
4671 }
4672 \ProvideTextCommandDefault{\textpm}{%
4673   \ensuremath\pm
4674 }
4675 \ProvideTextCommandDefault{\textsurd}{%
4676   \ensuremath\surd
4677 }
4678 \DeclareInputText{128}{\CYRA}
4679 \DeclareInputText{129}{\CYRB}
4680 \DeclareInputText{130}{\CYRV}
4681 \DeclareInputText{131}{\CYRG}
4682 \DeclareInputText{132}{\CYRD}
4683 \DeclareInputText{133}{\CYRE}
4684 \DeclareInputText{134}{\CYRZH}
4685 \DeclareInputText{135}{\CYRZ}
4686 \DeclareInputText{136}{\CYRI}
4687 \DeclareInputText{137}{\CYRISHRT}
4688 \DeclareInputText{138}{\CYRK}
4689 \DeclareInputText{139}{\CYRL}
4690 \DeclareInputText{140}{\CYRM}
4691 \DeclareInputText{141}{\CYRN}
4692 \DeclareInputText{142}{\CYRO}
4693 \DeclareInputText{143}{\CYRP}
4694 \DeclareInputText{144}{\CYRR}
4695 \DeclareInputText{145}{\CYRS}
4696 \DeclareInputText{146}{\CYRT}
4697 \DeclareInputText{147}{\CYRU}
4698 \DeclareInputText{148}{\CYRF}
4699 \DeclareInputText{149}{\CYRH}
4700 \DeclareInputText{150}{\CYRC}
4701 \DeclareInputText{151}{\CYRCH}
4702 \DeclareInputText{152}{\CYRSH}
4703 \DeclareInputText{153}{\CYRSHCH}
4704 \DeclareInputText{154}{\CYRHRDSN}
4705 \DeclareInputText{155}{\CYRERY}
4706 \DeclareInputText{156}{\CYRSFTSN}
4707 \DeclareInputText{157}{\CYREREV}
4708 \DeclareInputText{158}{\CYRYU}
4709 \DeclareInputText{159}{\CYRYA}
4710 \DeclareInputText{160}{\textdagger}
4711 \DeclareInputText{161}{\textdegree}
4712 \DeclareInputText{162}{\CYRGUP}
4713 \DeclareInputText{163}{\textsterling}
4714 \DeclareInputText{164}{\textsection}
4715 \DeclareInputText{165}{\textbullet}
4716 \DeclareInputText{166}{\textparagraph}
4717 \DeclareInputText{167}{\CYRII}
4718 \DeclareInputText{168}{\textregistered}
4719 \DeclareInputText{169}{\textcopyright}
4720 \DeclareInputText{170}{\texttrademark}
4721 \DeclareInputText{171}{\CYRDJE}
4722 \DeclareInputText{172}{\cyrdje}

```

```

4723 \DeclareInputText{173}{\textnotequal}
4724 \DeclareInputText{174}{\@tabacckludge'\CYRG}
4725 \DeclareInputText{175}{\@tabacckludge'\cyrg}
4726 \DeclareInputText{176}{\textinfinity}
4727 \DeclareInputText{177}{\textpm}
4728 \DeclareInputText{178}{\textlessequal}
4729 \DeclareInputText{179}{\textgreaterequal}
4730 \DeclareInputText{180}{\cyrii}
4731 \DeclareInputText{181}{\textmu}
4732 \DeclareInputText{182}{\cyrgup}
4733 \DeclareInputText{183}{\CYRJE}
4734 \DeclareInputText{184}{\CYRIE}
4735 \DeclareInputText{185}{\cyrie}
4736 \DeclareInputText{186}{\CYRYI}
4737 \DeclareInputText{187}{\cyr yi}
4738 \DeclareInputText{188}{\CYRLJE}
4739 \DeclareInputText{189}{\cyr lje}
4740 \DeclareInputText{190}{\CYRNJE}
4741 \DeclareInputText{191}{\cyrnje}
4742 \DeclareInputText{192}{\cyrje}
4743 \DeclareInputText{193}{\CYRDZE}
4744 \DeclareInputText{194}{\textlnot}
4745 \DeclareInputText{195}{\textsurd}
4746 \DeclareInputText{196}{\textflorin}
4747 \DeclareInputText{197}{\textapproxequal}
4748 \DeclareInputText{198}{\textincrement}
4749 \DeclareInputText{199}{\guillemotleft}
4750 \DeclareInputText{200}{\guillemotright}
4751 \DeclareInputText{201}{\textellipsis}
4752 \DeclareInputText{202}{\nobreakspace}
4753 \DeclareInputText{203}{\CYRTSHE}
4754 \DeclareInputText{204}{\cyrtshe}
4755 \DeclareInputText{205}{\@tabacckludge'\CYRK}
4756 \DeclareInputText{206}{\@tabacckludge'\cyrk}
4757 \DeclareInputText{207}{\cyrdze}
4758 \DeclareInputText{208}{\textendash}
4759 \DeclareInputText{209}{\textemdash}
4760 \DeclareInputText{210}{\textquotedblleft}
4761 \DeclareInputText{211}{\textquotedblright}
4762 \DeclareInputText{212}{\textquoteleft}
4763 \DeclareInputText{213}{\textquoteright}
4764 \DeclareInputText{214}{\textdiv}
4765 \DeclareInputText{215}{\quotedblbase}
4766 \DeclareInputText{216}{\CYRUSHRT}
4767 \DeclareInputText{217}{\cyrushrt}
4768 \DeclareInputText{218}{\CYRDZHE}
4769 \DeclareInputText{219}{\cyrdzhe}
4770 \DeclareInputText{220}{\textnumero}
4771 \DeclareInputText{221}{\CYRYO}
4772 \DeclareInputText{222}{\cyryo}
4773 \DeclareInputText{223}{\cyr ya}
4774 \DeclareInputText{224}{\cyr a}
4775 \DeclareInputText{225}{\cyr b}
4776 \DeclareInputText{226}{\cyr v}
4777 \DeclareInputText{227}{\cyrg}
4778 \DeclareInputText{228}{\cyrd}
4779 \DeclareInputText{229}{\cyre}
4780 \DeclareInputText{230}{\cyrzh}
4781 \DeclareInputText{231}{\cyrz}
4782 \DeclareInputText{232}{\cyri}
4783 \DeclareInputText{233}{\cyrishrt}
4784 \DeclareInputText{234}{\cyrk}

```

```

4785 \DeclareInputText{235}{\cyr1}
4786 \DeclareInputText{236}{\cyr2}
4787 \DeclareInputText{237}{\cyr3}
4788 \DeclareInputText{238}{\cyr4}
4789 \DeclareInputText{239}{\cyr5}
4790 \DeclareInputText{240}{\cyr6}
4791 \DeclareInputText{241}{\cyr7}
4792 \DeclareInputText{242}{\cyr8}
4793 \DeclareInputText{243}{\cyr9}
4794 \DeclareInputText{244}{\cyr10}
4795 \DeclareInputText{245}{\cyr11}
4796 \DeclareInputText{246}{\cyr12}
4797 \DeclareInputText{247}{\cyr13}
4798 \DeclareInputText{248}{\cyr14}
4799 \DeclareInputText{249}{\cyr15}
4800 \DeclareInputText{250}{\cyr16}
4801 \DeclareInputText{251}{\cyr17}
4802 \DeclareInputText{252}{\cyr18}
4803 \DeclareInputText{253}{\cyr19}
4804 \DeclareInputText{254}{\cyr20}
4805 \DeclareInputText{255}{\texteuro}
4806 \RestoreAtCatcode
4807 </mac – cyrillic>

```

2.5.30 Encoding mac-roman

```

4808 <*mac – roman>
4809 \ProvidesFile{x-mac-roman.def}%
4810 [2009/12/15 v1.5 Input encoding mac-roman (inputenx)]%
4811 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4812 \makeatletter
4813 \ProvideTextCommandDefault{\textOmega}{%
4814   \ensuremath\Omega
4815 }
4816 \ProvideTextCommandDefault{\textacutedbl}{%
4817   \H{}}%
4818 }
4819 \ProvideTextCommandDefault{\textapproxequal}{%
4820   \ensuremath\approx
4821 }
4822 \ProvideTextCommandDefault{\textasciicute}{%
4823   \@tabacckludge'}%
4824 }
4825 \ProvideTextCommandDefault{\textasciibreve}{%
4826   \u{}}%
4827 }
4828 \ProvideTextCommandDefault{\textasciicaron}{%
4829   \v{}}%
4830 }
4831 \ProvideTextCommandDefault{\textasciidieresis}{%
4832   \"{}}%
4833 }
4834 \ProvideTextCommandDefault{\textasciimacron}{%
4835   \@tabacckludge={}%
4836 }
4837 \ProvideTextCommandDefault{\textcent}{%
4838   \TextSymbolUnavailable\textcent
4839 }
4840 \ProvideTextCommandDefault{\textdegree}{%
4841   \ensuremath{\textasciicirc}}%
4842 }
4843 \ProvideTextCommandDefault{\textdiv}{%
4844   \TextSymbolUnavailable\textdiv
4845 }

```

```

4846 \ProvideTextCommandDefault{\texteuro}{%
4847   \TextSymbolUnavailable\texteuro
4848 }
4849 \ProvideTextCommandDefault{\textflorin}{%
4850   \textit{f}%
4851 }
4852 \ProvideTextCommandDefault{\textfractionsolidus}{%
4853   /%
4854 }
4855 \ProvideTextCommandDefault{\textgreaterorequal}{%
4856   \ensuremath\geq
4857 }
4858 \ProvideTextCommandDefault{\textincrement}{%
4859   \ensuremath\Delta
4860 }
4861 \ProvideTextCommandDefault{\textinfinity}{%
4862   \ensuremath\infty
4863 }
4864 \ProvideTextCommandDefault{\textintegral}{%
4865   \ensuremath\int
4866 }
4867 \ProvideTextCommandDefault{\textlessequal}{%
4868   \ensuremath\leq
4869 }
4870 \ProvideTextCommandDefault{\textlnot}{%
4871   \ensuremath\not
4872 }
4873 \ProvideTextCommandDefault{\textlozenge}{%
4874   \ensuremath\diamond
4875 }
4876 \ProvideTextCommandDefault{\textmu}{%
4877   \ensuremath\mu
4878 }
4879 \ProvideTextCommandDefault{\textnotequal}{%
4880   \ensuremath\neq
4881 }
4882 \ProvideTextCommandDefault{\textpartial}{%
4883   \ensuremath\partial
4884 }
4885 \ProvideTextCommandDefault{\textpi}{%
4886   \ensuremath\pi
4887 }
4888 \ProvideTextCommandDefault{\textpm}{%
4889   \ensuremath\pm
4890 }
4891 \ProvideTextCommandDefault{\textproduct}{%
4892   \ensuremath\Pi
4893 }
4894 \ProvideTextCommandDefault{\textsummation}{%
4895   \ensuremath\Sigma
4896 }
4897 \ProvideTextCommandDefault{\textsurd}{%
4898   \ensuremath\surd
4899 }
4900 \ProvideTextCommandDefault{\textyen}{%
4901   \TextSymbolUnavailable\textyen
4902 }
4903 \DeclareInputText{128}{\ "A}
4904 \DeclareInputText{129}{\r A}
4905 \DeclareInputText{130}{\c C}
4906 \DeclareInputText{131}{\@tabacckludge'E}
4907 \DeclareInputText{132}{\~N}

```

```

4908 \DeclareInputText{133}{\ "0}
4909 \DeclareInputText{134}{\ "U}
4910 \DeclareInputText{135}{\@tabacckludge'a}
4911 \DeclareInputText{136}{\@tabacckludge'a}
4912 \DeclareInputText{137}{\^a}
4913 \DeclareInputText{138}{\ "a}
4914 \DeclareInputText{139}{\~a}
4915 \DeclareInputText{140}{\r a}
4916 \DeclareInputText{141}{\c c}
4917 \DeclareInputText{142}{\@tabacckludge'e}
4918 \DeclareInputText{143}{\@tabacckludge'e}
4919 \DeclareInputText{144}{\^e}
4920 \DeclareInputText{145}{\ "e}
4921 \DeclareInputText{146}{\@tabacckludge'i}
4922 \DeclareInputText{147}{\@tabacckludge'i}
4923 \DeclareInputText{148}{\^i}
4924 \DeclareInputText{149}{\ "i}
4925 \DeclareInputText{150}{\~n}
4926 \DeclareInputText{151}{\@tabacckludge'o}
4927 \DeclareInputText{152}{\@tabacckludge'o}
4928 \DeclareInputText{153}{\^o}
4929 \DeclareInputText{154}{\ "o}
4930 \DeclareInputText{155}{\~o}
4931 \DeclareInputText{156}{\@tabacckludge'u}
4932 \DeclareInputText{157}{\@tabacckludge'u}
4933 \DeclareInputText{158}{\^u}
4934 \DeclareInputText{159}{\ "u}
4935 \DeclareInputText{160}{\textdagger}
4936 \DeclareInputText{161}{\textdegree}
4937 \DeclareInputText{162}{\textcent}
4938 \DeclareInputText{163}{\textsterling}
4939 \DeclareInputText{164}{\textsection}
4940 \DeclareInputText{165}{\textbullet}
4941 \DeclareInputText{166}{\textparagraph}
4942 \DeclareInputText{167}{\ss}
4943 \DeclareInputText{168}{\textregistered}
4944 \DeclareInputText{169}{\textcopyright}
4945 \DeclareInputText{170}{\texttrademark}
4946 \DeclareInputText{171}{\textasciiaacute}
4947 \DeclareInputText{172}{\textasciidieresis}
4948 \DeclareInputText{173}{\textnotequal}
4949 \DeclareInputText{174}{\AE}
4950 \DeclareInputText{175}{\O}
4951 \DeclareInputText{176}{\textinfinity}
4952 \DeclareInputText{177}{\textpm}
4953 \DeclareInputText{178}{\textlessequal}
4954 \DeclareInputText{179}{\textgreaterequal}
4955 \DeclareInputText{180}{\textyen}
4956 \DeclareInputText{181}{\textmu}
4957 \DeclareInputText{182}{\textpartial}
4958 \DeclareInputText{183}{\textsummation}
4959 \DeclareInputText{184}{\textproduct}
4960 \DeclareInputText{185}{\textpi}
4961 \DeclareInputText{186}{\textintegral}
4962 \DeclareInputText{187}{\textordfeminine}
4963 \DeclareInputText{188}{\textordmasculine}
4964 \DeclareInputText{189}{\textOmega}
4965 \DeclareInputText{190}{\ae}
4966 \DeclareInputText{191}{\o}
4967 \DeclareInputText{192}{\textquestiondown}
4968 \DeclareInputText{193}{\textexclamdown}
4969 \DeclareInputText{194}{\textlnot}

```

```

4970 \DeclareInputText{195}{\textsurd}
4971 \DeclareInputText{196}{\textflorin}
4972 \DeclareInputText{197}{\textapproxequal}
4973 \DeclareInputText{198}{\textincrement}
4974 \DeclareInputText{199}{\guillemotleft}
4975 \DeclareInputText{200}{\guillemotright}
4976 \DeclareInputText{201}{\textellipsis}
4977 \DeclareInputText{202}{\nobreakspace}
4978 \DeclareInputText{203}{\@tabacckludge'A}
4979 \DeclareInputText{204}{\^A}
4980 \DeclareInputText{205}{\^O}
4981 \DeclareInputText{206}{\OE}
4982 \DeclareInputText{207}{\oe}
4983 \DeclareInputText{208}{\textendash}
4984 \DeclareInputText{209}{\textemdash}
4985 \DeclareInputText{210}{\textquotedblleft}
4986 \DeclareInputText{211}{\textquotedblright}
4987 \DeclareInputText{212}{\textquoteleft}
4988 \DeclareInputText{213}{\textquoteright}
4989 \DeclareInputText{214}{\textdiv}
4990 \DeclareInputText{215}{\textlozenge}
4991 \DeclareInputText{216}{\^y}
4992 \DeclareInputText{217}{\^Y}
4993 \DeclareInputText{218}{\textfractionsolidus}
4994 \DeclareInputText{219}{\texteuro}
4995 \DeclareInputText{220}{\guilsinglleft}
4996 \DeclareInputText{221}{\guilsinglright}
4997 \DeclareInputText{222}{fi}
4998 \DeclareInputText{223}{fl}
4999 \DeclareInputText{224}{\textdaggerdbl}
5000 \DeclareInputText{225}{\textperiodcentered}
5001 \DeclareInputText{226}{\quotesinglbase}
5002 \DeclareInputText{227}{\quotedblbase}
5003 \DeclareInputText{228}{\textperthousand}
5004 \DeclareInputText{229}{\^A}
5005 \DeclareInputText{230}{\^E}
5006 \DeclareInputText{231}{\@tabacckludge'A}
5007 \DeclareInputText{232}{\^E}
5008 \DeclareInputText{233}{\@tabacckludge'E}
5009 \DeclareInputText{234}{\@tabacckludge'I}
5010 \DeclareInputText{235}{\^I}
5011 \DeclareInputText{236}{\^I}
5012 \DeclareInputText{237}{\@tabacckludge'I}
5013 \DeclareInputText{238}{\@tabacckludge'O}
5014 \DeclareInputText{239}{\^O}
5015 \DeclareInputText{241}{\@tabacckludge'O}
5016 \DeclareInputText{242}{\@tabacckludge'U}
5017 \DeclareInputText{243}{\^U}
5018 \DeclareInputText{244}{\@tabacckludge'U}
5019 \DeclareInputText{245}{i}
5020 \DeclareInputText{246}{\textasciicircum}
5021 \DeclareInputText{247}{\textasciitilde}
5022 \DeclareInputText{248}{\textasciimacron}
5023 \DeclareInputText{249}{\textasciibreve}
5024 \DeclareInputText{250}{\^{} }
5025 \DeclareInputText{251}{r{}}
5026 \DeclareInputText{252}{c\ }
5027 \DeclareInputText{253}{\textacutedbl}
5028 \DeclareInputText{254}{k{}}
5029 \DeclareInputText{255}{\textasciicaron}
5030 \RestoreAtCatcode
5031 \</mac – roman>

```

2.5.31 Encoding nextstep

```
5032 <*nextstep>
5033 \ProvidesFile{x-nextstep.def}%
5034 [2009/12/15 v1.5 Input encoding nextstep (inputenx)]%
5035 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5036 \makeatletter
5037 \ProvideTextCommandDefault{\textacutedbl}{%
5038   \H{}}%
5039 }
5040 \ProvideTextCommandDefault{\textasciiacute}{%
5041   \@tabacckludge'{}%
5042 }
5043 \ProvideTextCommandDefault{\textasciibreve}{%
5044   \u{}}%
5045 }
5046 \ProvideTextCommandDefault{\textasciicaron}{%
5047   \v{}}%
5048 }
5049 \ProvideTextCommandDefault{\textasciidieresis}{%
5050   \"{}}%
5051 }
5052 \ProvideTextCommandDefault{\textasciigrave}{%
5053   \@tabacckludge'{}%
5054 }
5055 \ProvideTextCommandDefault{\textasciimacron}{%
5056   \@tabacckludge={}%
5057 }
5058 \ProvideTextCommandDefault{\textbrokenbar}{%
5059   \TextSymbolUnavailable\textbrokenbar
5060 }
5061 \ProvideTextCommandDefault{\textcent}{%
5062   \TextSymbolUnavailable\textcent
5063 }
5064 \ProvideTextCommandDefault{\textcurrency}{%
5065   \TextSymbolUnavailable\textcurrency
5066 }
5067 \ProvideTextCommandDefault{\textdiv}{%
5068   \TextSymbolUnavailable\textdiv
5069 }
5070 \ProvideTextCommandDefault{\textflorin}{%
5071   \textit{f}}%
5072 }
5073 \ProvideTextCommandDefault{\textfractionsolidus}{%
5074   /}%
5075 }
5076 \ProvideTextCommandDefault{\textlnot}{%
5077   \ensuremath\lnot
5078 }
5079 \ProvideTextCommandDefault{\textmu}{%
5080   \ensuremath\mu
5081 }
5082 \ProvideTextCommandDefault{\textonehalf}{%
5083   \ensuremath{\frac{1}{2}}%
5084 }
5085 \ProvideTextCommandDefault{\textonequarter}{%
5086   \ensuremath{\frac{1}{4}}%
5087 }
5088 \ProvideTextCommandDefault{\textonesuperior}{%
5089   \ensuremath{{}^1}%
5090 }
5091 \ProvideTextCommandDefault{\textpm}{%
5092   \ensuremath\pm
```

```

5093 }
5094 \ProvideTextCommandDefault{\textthreequarters}{%
5095   \ensuremath{\frac{3}{4}}%
5096 }
5097 \ProvideTextCommandDefault{\textthreesuperior}{%
5098   \ensuremath{{}^3}%
5099 }
5100 \ProvideTextCommandDefault{\texttimes}{%
5101   \ensuremath\times
5102 }
5103 \ProvideTextCommandDefault{\texttwosuperior}{%
5104   \ensuremath{{}^2}}%
5105 }
5106 \ProvideTextCommandDefault{\textyen}{%
5107   \TextSymbolUnavailable\textyen
5108 }
5109 \DeclareInputText{128}{\nobreakspace}
5110 \DeclareInputText{129}{\@tabacckludge'A}
5111 \DeclareInputText{130}{\@tabacckludge'A}
5112 \DeclareInputText{131}{\^A}
5113 \DeclareInputText{132}{\~A}
5114 \DeclareInputText{133}{\ "A}
5115 \DeclareInputText{134}{\r A}
5116 \DeclareInputText{135}{\c C}
5117 \DeclareInputText{136}{\@tabacckludge'E}
5118 \DeclareInputText{137}{\@tabacckludge'E}
5119 \DeclareInputText{138}{\^E}
5120 \DeclareInputText{139}{\ "E}
5121 \DeclareInputText{140}{\@tabacckludge'I}
5122 \DeclareInputText{141}{\@tabacckludge'I}
5123 \DeclareInputText{142}{\^I}
5124 \DeclareInputText{143}{\ "I}
5125 \DeclareInputText{144}{\DH}
5126 \DeclareInputText{145}{\^N}
5127 \DeclareInputText{146}{\@tabacckludge'O}
5128 \DeclareInputText{147}{\@tabacckludge'O}
5129 \DeclareInputText{148}{\^O}
5130 \DeclareInputText{149}{\~O}
5131 \DeclareInputText{150}{\ "O}
5132 \DeclareInputText{151}{\@tabacckludge'U}
5133 \DeclareInputText{152}{\@tabacckludge'U}
5134 \DeclareInputText{153}{\^U}
5135 \DeclareInputText{154}{\ "U}
5136 \DeclareInputText{155}{\@tabacckludge'Y}
5137 \DeclareInputText{156}{\TH}
5138 \DeclareInputText{157}{\textmu}
5139 \DeclareInputText{158}{\texttimes}
5140 \DeclareInputText{159}{\textdiv}
5141 \DeclareInputText{160}{\textcopyright}
5142 \DeclareInputText{161}{\textexclamdown}
5143 \DeclareInputText{162}{\textcent}
5144 \DeclareInputText{163}{\textsterling}
5145 \DeclareInputText{164}{\textfractionsolidus}
5146 \DeclareInputText{165}{\textyen}
5147 \DeclareInputText{166}{\textflorin}
5148 \DeclareInputText{167}{\textsection}
5149 \DeclareInputText{168}{\textcurrency}
5150 \DeclareInputText{169}{\textquoteright}
5151 \DeclareInputText{170}{\textquotedblleft}
5152 \DeclareInputText{171}{\guillemotleft}
5153 \DeclareInputText{172}{\guilsinglleft}
5154 \DeclareInputText{173}{\guilsinglright}

```



```

5155 \DeclareInputText{174}{fi}
5156 \DeclareInputText{175}{fl}
5157 \DeclareInputText{176}{\textregistered}
5158 \DeclareInputText{177}{\textendash}
5159 \DeclareInputText{178}{\textdagger}
5160 \DeclareInputText{179}{\textdaggerdbl}
5161 \DeclareInputText{180}{\textperiodcentered}
5162 \DeclareInputText{181}{\textbrokenbar}
5163 \DeclareInputText{182}{\textparagraph}
5164 \DeclareInputText{183}{\textbullet}
5165 \DeclareInputText{184}{\quotesinglbase}
5166 \DeclareInputText{185}{\quotedblbase}
5167 \DeclareInputText{186}{\textquotedblright}
5168 \DeclareInputText{187}{\guillemotright}
5169 \DeclareInputText{188}{\textellipsis}
5170 \DeclareInputText{189}{\textperthousand}
5171 \DeclareInputText{190}{\textlnot}
5172 \DeclareInputText{191}{\textquestiondown}
5173 \DeclareInputText{192}{\textonesuperior}
5174 \DeclareInputText{193}{\textasciigrave}
5175 \DeclareInputText{194}{\textasciiacute}
5176 \DeclareInputText{195}{\textasciicircum}
5177 \DeclareInputText{196}{\textasciitilde}
5178 \DeclareInputText{197}{\textasciimacron}
5179 \DeclareInputText{198}{\textasciibreve}
5180 \DeclareInputText{199}{\.\{}}
5181 \DeclareInputText{200}{\textasciidieresis}
5182 \DeclareInputText{201}{\texttwosuperior}
5183 \DeclareInputText{202}{\r{}}
5184 \DeclareInputText{203}{\c\ }
5185 \DeclareInputText{204}{\textthreesuperior}
5186 \DeclareInputText{205}{\textacutedbl}
5187 \DeclareInputText{206}{\k{}}
5188 \DeclareInputText{207}{\textasciicaron}
5189 \DeclareInputText{208}{\textemdash}
5190 \DeclareInputText{209}{\textpm}
5191 \DeclareInputText{210}{\textonequarter}
5192 \DeclareInputText{211}{\textonehalf}
5193 \DeclareInputText{212}{\textthreequarters}
5194 \DeclareInputText{213}{\@tabacckludge'a}
5195 \DeclareInputText{214}{\@tabacckludge'a}
5196 \DeclareInputText{215}{\^a}
5197 \DeclareInputText{216}{\~a}
5198 \DeclareInputText{217}{\"a}
5199 \DeclareInputText{218}{\r a}
5200 \DeclareInputText{219}{\c c}
5201 \DeclareInputText{220}{\@tabacckludge'e}
5202 \DeclareInputText{221}{\@tabacckludge'e}
5203 \DeclareInputText{222}{\^e}
5204 \DeclareInputText{223}{\"e}
5205 \DeclareInputText{224}{\@tabacckludge'i}
5206 \DeclareInputText{225}{\AE}
5207 \DeclareInputText{226}{\@tabacckludge'i}
5208 \DeclareInputText{227}{\textordfeminine}
5209 \DeclareInputText{228}{\^i}
5210 \DeclareInputText{229}{\"i}
5211 \DeclareInputText{230}{\dh}
5212 \DeclareInputText{231}{\~n}
5213 \DeclareInputText{232}{\L}
5214 \DeclareInputText{233}{\O}
5215 \DeclareInputText{234}{\OE}
5216 \DeclareInputText{235}{\textordmasculine}

```

```

5217 \DeclareInputText{236}{\@tabacckludge'o}
5218 \DeclareInputText{237}{\@tabacckludge'o}
5219 \DeclareInputText{238}{\^o}
5220 \DeclareInputText{239}{\~o}
5221 \DeclareInputText{240}{\"o}
5222 \DeclareInputText{241}{\ae}
5223 \DeclareInputText{242}{\@tabacckludge'u}
5224 \DeclareInputText{243}{\@tabacckludge'u}
5225 \DeclareInputText{244}{\^u}
5226 \DeclareInputText{245}{\i}
5227 \DeclareInputText{246}{\"u}
5228 \DeclareInputText{247}{\@tabacckludge'y}
5229 \DeclareInputText{248}{\l}
5230 \DeclareInputText{249}{\o}
5231 \DeclareInputText{250}{\oe}
5232 \DeclareInputText{251}{\ss}
5233 \DeclareInputText{252}{\th}
5234 \DeclareInputText{253}{\`y}
5235 \RestoreAtCatcode
5236 </nextstep>

```

2.5.32 Non-Unicode additions

```

5237 <*mac – roman>
5238 \ProvideTextCommandDefault{\textapplelogo}{%
5239 \TextSymbolUnavailable\textapplelogo
5240 }
5241 \DeclareInputText{240}{\textapplelogo}
5242 </mac – roman>

```

2.6 Additions for utf8enc.dfu

```

5243 <*dfu>
5244 \ProvidesFile{ix-utf8enc.dfu}%
5245 [2009/12/15 v1.5 Additions of inputenx for utf8enc.dfu]%
5246 \DeclareUnicodeCharacter{00A0}{\nobreakspace}
5247 \DeclareUnicodeCharacter{00AD}{\~}
5248 \DeclareUnicodeCharacter{0100}{\@tabacckludge=A}
5249 \DeclareUnicodeCharacter{0101}{\@tabacckludge=a}
5250 \DeclareUnicodeCharacter{0108}{\^C}
5251 \DeclareUnicodeCharacter{0109}{\^c}
5252 \DeclareUnicodeCharacter{010A}{\^C}
5253 \DeclareUnicodeCharacter{010B}{\^c}
5254 \DeclareUnicodeCharacter{0112}{\@tabacckludge=E}
5255 \DeclareUnicodeCharacter{0113}{\@tabacckludge=e}
5256 \DeclareUnicodeCharacter{0116}{\^E}
5257 \DeclareUnicodeCharacter{0117}{\^e}
5258 \DeclareUnicodeCharacter{011C}{\^G}
5259 \DeclareUnicodeCharacter{011D}{\^g}
5260 \DeclareUnicodeCharacter{0120}{\^G}
5261 \DeclareUnicodeCharacter{0121}{\^g}
5262 \DeclareUnicodeCharacter{0122}{\^c G}
5263 \DeclareUnicodeCharacter{0123}{\^v g}
5264 \DeclareUnicodeCharacter{0124}{\^H}
5265 \DeclareUnicodeCharacter{0125}{\^h}
5266 \DeclareUnicodeCharacter{0126}{\textmalteseH}
5267 \DeclareUnicodeCharacter{0127}{\textmalteseh}
5268 \DeclareUnicodeCharacter{0128}{\^I}
5269 \DeclareUnicodeCharacter{0129}{\^i}
5270 \DeclareUnicodeCharacter{012A}{\@tabacckludge=I}
5271 \DeclareUnicodeCharacter{012B}{\@tabacckludge=i}
5272 \DeclareUnicodeCharacter{012E}{\k I}
5273 \DeclareUnicodeCharacter{012F}{\k i}
5274 \DeclareUnicodeCharacter{0134}{\^J}

```

```

5275 \DeclareUnicodeCharacter{0135}{\~\j}
5276 \DeclareUnicodeCharacter{0136}{\c K}
5277 \DeclareUnicodeCharacter{0137}{\c k}
5278 \DeclareUnicodeCharacter{0138}{\textkra}
5279 \DeclareUnicodeCharacter{013B}{\c L}
5280 \DeclareUnicodeCharacter{013C}{\c l}
5281 \DeclareUnicodeCharacter{0145}{\c N}
5282 \DeclareUnicodeCharacter{0146}{\c n}
5283 \DeclareUnicodeCharacter{014C}{\@tabacckludge=0}
5284 \DeclareUnicodeCharacter{014D}{\@tabacckludge=o}
5285 \DeclareUnicodeCharacter{0156}{\c R}
5286 \DeclareUnicodeCharacter{0157}{\c r}
5287 \DeclareUnicodeCharacter{015C}{\^S}
5288 \DeclareUnicodeCharacter{015D}{\^s}
5289 \DeclareUnicodeCharacter{0166}{\textTstroke}
5290 \DeclareUnicodeCharacter{0167}{\texttstroke}
5291 \DeclareUnicodeCharacter{0168}{\~U}
5292 \DeclareUnicodeCharacter{0169}{\~u}
5293 \DeclareUnicodeCharacter{016A}{\@tabacckludge=U}
5294 \DeclareUnicodeCharacter{016B}{\@tabacckludge=u}
5295 \DeclareUnicodeCharacter{016C}{\u U}
5296 \DeclareUnicodeCharacter{016D}{\u u}
5297 \DeclareUnicodeCharacter{0172}{\k U}
5298 \DeclareUnicodeCharacter{0173}{\k u}
5299 \DeclareUnicodeCharacter{0174}{\^W}
5300 \DeclareUnicodeCharacter{0175}{\^w}
5301 \DeclareUnicodeCharacter{0176}{\^Y}
5302 \DeclareUnicodeCharacter{0177}{\^y}
5303 \DeclareUnicodeCharacter{1E02}{\.B}
5304 \DeclareUnicodeCharacter{1E03}{\.b}
5305 \DeclareUnicodeCharacter{1E0A}{\.D}
5306 \DeclareUnicodeCharacter{1E0B}{\.d}
5307 \DeclareUnicodeCharacter{1E1E}{\ .F}
5308 \DeclareUnicodeCharacter{1E1F}{\ .f}
5309 \DeclareUnicodeCharacter{1E40}{\ .M}
5310 \DeclareUnicodeCharacter{1E41}{\ .m}
5311 \DeclareUnicodeCharacter{1E56}{\ .P}
5312 \DeclareUnicodeCharacter{1E57}{\ .p}
5313 \DeclareUnicodeCharacter{1E60}{\ .S}
5314 \DeclareUnicodeCharacter{1E61}{\ .s}
5315 \DeclareUnicodeCharacter{1E6A}{\ .T}
5316 \DeclareUnicodeCharacter{1E6B}{\ .t}
5317 \DeclareUnicodeCharacter{1E80}{\@tabacckludge'W}
5318 \DeclareUnicodeCharacter{1E81}{\@tabacckludge'w}
5319 \DeclareUnicodeCharacter{1E82}{\@tabacckludge'W}
5320 \DeclareUnicodeCharacter{1E83}{\@tabacckludge'w}
5321 \DeclareUnicodeCharacter{1E84}{\ "W}
5322 \DeclareUnicodeCharacter{1E85}{\ "w}
5323 \DeclareUnicodeCharacter{1EF2}{\@tabacckludge'Y}
5324 \DeclareUnicodeCharacter{1EF3}{\@tabacckludge'y}
5325 \DeclareUnicodeCharacter{0218}{\textcommabelow S}
5326 \DeclareUnicodeCharacter{0219}{\textcommabelow s}
5327 \DeclareUnicodeCharacter{021A}{\textcommabelow T}
5328 \DeclareUnicodeCharacter{021B}{\textcommabelow t}
5329 \DeclareUnicodeCharacter{02CB}{\textasciigrave}
5330 \DeclareUnicodeCharacter{02D9}{\ .{}}
5331 \DeclareUnicodeCharacter{02DA}{\r{}}
5332 \DeclareUnicodeCharacter{02DB}{\k{}}
5333 \DeclareUnicodeCharacter{0393}{\textGamma}
5334 \DeclareUnicodeCharacter{0398}{\textTheta}
5335 \DeclareUnicodeCharacter{03A3}{\textSigma}
5336 \DeclareUnicodeCharacter{03A6}{\textPhi}

```

5337 \DeclareUnicodeCharacter{03A9}{\textOmega}
5338 \DeclareUnicodeCharacter{03B1}{\textalpha}
5339 \DeclareUnicodeCharacter{03B2}{\textbeta}
5340 \DeclareUnicodeCharacter{03B4}{\textdelta}
5341 \DeclareUnicodeCharacter{03B5}{\textepsilon}
5342 \DeclareUnicodeCharacter{03C0}{\textpi}
5343 \DeclareUnicodeCharacter{03C3}{\textsigma}
5344 \DeclareUnicodeCharacter{03C4}{\texttau}
5345 \DeclareUnicodeCharacter{03C6}{\textphi}
5346 \DeclareUnicodeCharacter{0403}{\@tabacckludge'\CYRG}
5347 \DeclareUnicodeCharacter{040C}{\@tabacckludge'\CYRK}
5348 \DeclareUnicodeCharacter{0453}{\@tabacckludge'\cyrg}
5349 \DeclareUnicodeCharacter{045C}{\@tabacckludge'\cyrk}
5350 \DeclareUnicodeCharacter{05D0}{\hebralef}
5351 \DeclareUnicodeCharacter{05D1}{\hebbet}
5352 \DeclareUnicodeCharacter{05D2}{\hebgimel}
5353 \DeclareUnicodeCharacter{05D3}{\hebdalet}
5354 \DeclareUnicodeCharacter{05D4}{\hebhe}
5355 \DeclareUnicodeCharacter{05D5}{\hebvav}
5356 \DeclareUnicodeCharacter{05D6}{\hebzayin}
5357 \DeclareUnicodeCharacter{05D7}{\hebbet}
5358 \DeclareUnicodeCharacter{05D8}{\hebtet}
5359 \DeclareUnicodeCharacter{05D9}{\hebyod}
5360 \DeclareUnicodeCharacter{05DA}{\hebfinalkaf}
5361 \DeclareUnicodeCharacter{05DB}{\hebfinalkaf}
5362 \DeclareUnicodeCharacter{05DC}{\heblamed}
5363 \DeclareUnicodeCharacter{05DD}{\hebfinalmem}
5364 \DeclareUnicodeCharacter{05DE}{\hebmem}
5365 \DeclareUnicodeCharacter{05DF}{\hebfinalnun}
5366 \DeclareUnicodeCharacter{05E0}{\hebnun}
5367 \DeclareUnicodeCharacter{05E1}{\hebsamekh}
5368 \DeclareUnicodeCharacter{05E2}{\hebayin}
5369 \DeclareUnicodeCharacter{05E3}{\hebfinalpe}
5370 \DeclareUnicodeCharacter{05E4}{\hebpe}
5371 \DeclareUnicodeCharacter{05E5}{\hebfinaltsadi}
5372 \DeclareUnicodeCharacter{05E6}{\hebtsadi}
5373 \DeclareUnicodeCharacter{05E7}{\hebqof}
5374 \DeclareUnicodeCharacter{05E8}{\hebreish}
5375 \DeclareUnicodeCharacter{05E9}{\hebshin}
5376 \DeclareUnicodeCharacter{05EA}{\hebtav}
5377 \DeclareUnicodeCharacter{2015}{\texthorizontalbar}
5378 \DeclareUnicodeCharacter{2017}{\textdbllowline}
5379 \DeclareUnicodeCharacter{207F}{\textnsuperior}
5380 \DeclareUnicodeCharacter{20A7}{\textpeseta}
5381 \DeclareUnicodeCharacter{2202}{\textpartial}
5382 \DeclareUnicodeCharacter{2206}{\textincrement}
5383 \DeclareUnicodeCharacter{2208}{\textelement}
5384 \DeclareUnicodeCharacter{220F}{\textproduct}
5385 \DeclareUnicodeCharacter{2211}{\textsummation}
5386 \DeclareUnicodeCharacter{2219}{\textbullet}
5387 \DeclareUnicodeCharacter{221A}{\textsurd}
5388 \DeclareUnicodeCharacter{221E}{\textinfinity}
5389 \DeclareUnicodeCharacter{2227}{\textcap}
5390 \DeclareUnicodeCharacter{2229}{\textintersection}
5391 \DeclareUnicodeCharacter{222B}{\textintegral}
5392 \DeclareUnicodeCharacter{222E}{\textcontourintegral}
5393 \DeclareUnicodeCharacter{2248}{\textapproxequal}
5394 \DeclareUnicodeCharacter{2260}{\textnotequal}
5395 \DeclareUnicodeCharacter{2261}{\textequivalence}
5396 \DeclareUnicodeCharacter{2264}{\textlessequal}
5397 \DeclareUnicodeCharacter{2265}{\textgreaterequal}
5398 \DeclareUnicodeCharacter{2310}{\textrevlogicalnot}

```

5399 \DeclareUnicodeCharacter{25A0}{\textblacksquare}
5400 \DeclareUnicodeCharacter{25CA}{\textlozenge}
5401 \DeclareUnicodeCharacter{FB01}{\ffi}
5402 \DeclareUnicodeCharacter{FB02}{\fl}
5403 \DeclareUnicodeCharacter{2500}{\textSFx}
5404 \DeclareUnicodeCharacter{2502}{\textSFxi}
5405 \DeclareUnicodeCharacter{250C}{\textSFi}
5406 \DeclareUnicodeCharacter{2510}{\textSFiii}
5407 \DeclareUnicodeCharacter{2514}{\textSFii}
5408 \DeclareUnicodeCharacter{2518}{\textSFiv}
5409 \DeclareUnicodeCharacter{251C}{\textSFviii}
5410 \DeclareUnicodeCharacter{2524}{\textSFix}
5411 \DeclareUnicodeCharacter{252C}{\textSFvi}
5412 \DeclareUnicodeCharacter{2534}{\textSFvii}
5413 \DeclareUnicodeCharacter{253C}{\textSFv}
5414 \DeclareUnicodeCharacter{2550}{\textSFxliii}
5415 \DeclareUnicodeCharacter{2551}{\textSFxxiv}
5416 \DeclareUnicodeCharacter{2552}{\textSFli}
5417 \DeclareUnicodeCharacter{2553}{\textSFlii}
5418 \DeclareUnicodeCharacter{2554}{\textSFxxxix}
5419 \DeclareUnicodeCharacter{2555}{\textSFxxii}
5420 \DeclareUnicodeCharacter{2556}{\textSFxxi}
5421 \DeclareUnicodeCharacter{2557}{\textSFxxv}
5422 \DeclareUnicodeCharacter{2558}{\textSFl}
5423 \DeclareUnicodeCharacter{2559}{\textSFxlix}
5424 \DeclareUnicodeCharacter{255A}{\textSFxxxviii}
5425 \DeclareUnicodeCharacter{255B}{\textSFxxviii}
5426 \DeclareUnicodeCharacter{255C}{\textSFxxvii}
5427 \DeclareUnicodeCharacter{255D}{\textSFxxvi}
5428 \DeclareUnicodeCharacter{255E}{\textSFxxxvi}
5429 \DeclareUnicodeCharacter{255F}{\textSFxxxvii}
5430 \DeclareUnicodeCharacter{2560}{\textSFxlii}
5431 \DeclareUnicodeCharacter{2561}{\textSFxix}
5432 \DeclareUnicodeCharacter{2562}{\textSFxx}
5433 \DeclareUnicodeCharacter{2563}{\textSFxxiii}
5434 \DeclareUnicodeCharacter{2564}{\textSFxlvi}
5435 \DeclareUnicodeCharacter{2565}{\textSFxlviii}
5436 \DeclareUnicodeCharacter{2566}{\textSFxli}
5437 \DeclareUnicodeCharacter{2567}{\textSFxlv}
5438 \DeclareUnicodeCharacter{2568}{\textSFxlvi}
5439 \DeclareUnicodeCharacter{2569}{\textSFl}
5440 \DeclareUnicodeCharacter{256A}{\textSFliv}
5441 \DeclareUnicodeCharacter{256B}{\textSFliii}
5442 \DeclareUnicodeCharacter{256C}{\textSFxliv}
5443 \DeclareUnicodeCharacter{2580}{\textupblock}
5444 \DeclareUnicodeCharacter{2584}{\textdnblock}
5445 \DeclareUnicodeCharacter{2588}{\textblock}
5446 \DeclareUnicodeCharacter{258C}{\textlfblock}
5447 \DeclareUnicodeCharacter{2590}{\textrtblock}
5448 \DeclareUnicodeCharacter{2591}{\textltshade}
5449 \DeclareUnicodeCharacter{2592}{\textshade}
5450 \DeclareUnicodeCharacter{2593}{\textdkshade}
5451 \</dfu>

```

2.7 Name list

```

5452 \<name>
5453 \ProvidesFile{ix-name.def}%
5454 [2009/12/15 v1.5 Name list (inputenx)]%
    List omitted here, see ix-name.def.
5455 \</name>

```

2.8 Mapping Slot, UC to Encodings

```

5456 <*slot>
5457 \ProvidesFile{ix-slot.def}%
5458 [2009/12/15 v1.5 SLOT and UC to Encodings (inputenx)]%
    List omitted here, see ix-slot.def.
5459 </slot>

```

2.9 Mapping UC to LICR

```

5460 <*uc>
5461 \ProvidesFile{ix-uc.def}%
5462 [2009/12/15 v1.5 UC to LICR (inputenx)]%
5463 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5464 \makeatletter
    List omitted here, see ix-uc.def.
5465 \RestoreAtCatcode
5466 </uc>

```

2.10 Math meaning declarations

Package `inpmath` already declares math meanings for LICRs. Here are some more. One goal is to use the input characters in math that were defined in the standard \LaTeX encodings using `\DeclareInputMath`.

```

5467 <*math>
5468 \ProvidesFile{ix-math.def}%
5469 [2009/12/15 v1.5 Math list (inputenx)]%
5470 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5471 \makeatletter
    The next math meaning for \ss looks a little funny. But it is useful for input
    characters, where most encodings share in practice the same slot for \ss and
    \beta. Thus we do not need two encodings such as cp437de.def and cp437.def.
5472 \DeclareMathMeaning{\ss}{\beta}
5473 \DeclareMathMeaning{\textalpha}{\alpha}
5474 \DeclareMathMeaning{\textapproxequal}{\approx}
5475 \DeclareMathMeaning{\textbardbl}{\Vert}% = \lvert
5476 \DeclareMathMeaning{\textbeta}{\beta}
5477 \DeclareMathMeaning{\textbullet}{\bullet}
5478 \DeclareMathMeaning{\textcap}{\cap}
5479 \DeclareMathMeaning{\textcontourintegral}{\oint}
5480 \DeclareMathMeaning{\textcopyright}{\textcopyright}
5481 \DeclareMathMeaning{\textcup}{\cup}
5482 \DeclareMathMeaning{\textdagger}{\dagger}
5483 \DeclareMathMeaning{\textdaggerdbl}{\ddagger}
5484 \DeclareMathMeaning{\textdegree}{\textdegree}
5485 \DeclareMathMeaning{\textdelta}{\delta}
5486 \DeclareMathMeaning{\textdollar}{\$}
5487 \DeclareMathMeaning{\textepsilon}{\varepsilon}
5488 \DeclareMathMeaning{\textequivalence}{\equiv}
5489 \DeclareMathMeaning{\textbraceleft}{\{ }
5490 \DeclareMathMeaning{\textbraceright}{\} }
5491 \DeclareMathMeaning{\textdiv}{\div}
5492 \DeclareMathMeaning{\textdownarrow}{\downarrow}
5493 \DeclareMathMeaning{\textelement}{\in}
5494 \DeclareMathMeaning{\textellipsis}{\ldots}
5495 \DeclareMathMeaning{\textGamma}{\Gamma}
5496 \DeclareMathMeaning{\textgreaterequal}{\geq}
5497 \DeclareMathMeaning{\textincrement}{\Delta}
5498 \DeclareMathMeaning{\textinfinity}{\infty}
5499 \DeclareMathMeaning{\textintegral}{\int}
5500 \DeclareMathMeaning{\textintersection}{\cap}
5501 \DeclareMathMeaning{\textlangle}{\langle}
5502 \DeclareMathMeaning{\textleftarrow}{\leftarrow}

```

```

5503 \DeclareMathMeaning{\textlessequal}{\leq}
5504 \DeclareMathMeaning{\textlnot}{\lnot}
5505 \DeclareMathMeaning{\textlogicalnot}{\lnot}
5506 \DeclareMathMeaning{\textlozenge}{\diamond}
5507 \DeclareMathMeaning{\textmu}{\mu}
5508 \DeclareMathMeaning{\textnotequal}{\neq}
5509 \DeclareMathMeaning{\textnsuperior}{\textsupscript}
5510 \DeclareMathMeaning{\textohm}{\Omega}
5511 \DeclareMathMeaning{\textOmega}{\Omega}
5512 \DeclareMathMeaning{\textonehalf}{\frac{1}{2}}
5513 \DeclareMathMeaning{\textonequarter}{\frac{1}{4}}
5514 \DeclareMathMeaning{\textonesuperior}{\textsupscript}
5515 \DeclareMathMeaning{\textopenbullet}{\circ}
5516 \DeclareMathMeaning{\textparagraph}{\mathparagraph}
5517 \DeclareMathMeaning{\textpartial}{\partial}
5518 \DeclareMathMeaning{\textPhi}{\Phi}
5519 \DeclareMathMeaning{\textphi}{\phi}
5520 \DeclareMathMeaning{\textpi}{\pi}
5521 \DeclareMathMeaning{\textproduct}{\prod}
5522 \DeclareMathMeaning{\texttriangle}{\triangle}
5523 \DeclareMathMeaning{\textrevlogicalnot}{\text{\nfss@text{\textrevlogicalnot}}}
5524 \DeclareMathMeaning{\textrightarrow}{\rightarrow}
5525 \DeclareMathMeaning{\textsection}{\mathsection}
5526 \DeclareMathMeaning{\textSigma}{\Sigma}
5527 \DeclareMathMeaning{\textsigma}{\sigma}
5528 \DeclareMathMeaning{\textsterling}{\mathsterling}
5529 \DeclareMathMeaning{\textsummation}{\sum}
5530 \DeclareMathMeaning{\textsurd}{\surd}
5531 \DeclareMathMeaning{\texttau}{\tau}
5532 \DeclareMathMeaning{\textTheta}{\Theta}
5533 \DeclareMathMeaning{\textthreequarters}{\frac{3}{4}}
5534 \DeclareMathMeaning{\textthreesuperior}{\textsupscript}
5535 \DeclareMathMeaning{\texttwosuperior}{\textsupscript}
5536 \DeclareMathMeaning{\textuparrow}{\uparrow}

5537 \RestoreAtCatcode
5538 \</math>

```

2.11 Documentation files

2.11.1 List of known LICR commands

This is the list of commands for use in LICR that are already defined by standard L^AT_EX without extra packages.

```

5539 \*licrcmds
5540 % List of known LICR cmdmands of inputenx 2009/12/15 v1.5
5541 %
5542 % Format: \LICRcmd{<command>}{<type>}
5543 % Types:
5544 %   Accent: <command> was defined by \DeclareTextAccentDefault
5545 %   Command: <command> was defined by \DeclareTextCommandDefault
5546 %   Symbol: <command> was defined by \DeclareTextSymbolDefault
5547 %   Internal: for \@tabacckludge
5548 %   Extra: additional commands
5549 %
5550 % Entries derived from the 2ekernel part
5551 % of ltoutenc.dtx 2005/11/08 v1.99h.
5552 %
5553 \LICRcmd{\ }{Extra}
5554 \LICRcmd{"}{Composite}
5555 \LICRcmd{'}{Composite}
5556 \LICRcmd{-}{Extra}
5557 \LICRcmd{.}{Composite}

```

5558 \LICRcmd{\=}{Accent}
5559 \LICRcmd{@tabacckludge}{Internal}
5560 \LICRcmd{\AE}{Symbol}
5561 \LICRcmd{\DH}{Symbol}
5562 \LICRcmd{\DJ}{Symbol}
5563 \LICRcmd{\H}{Composite}
5564 \LICRcmd{\IJ}{Symbol}
5565 \LICRcmd{\L}{Symbol}
5566 \LICRcmd{\NG}{Symbol}
5567 \LICRcmd{\O}{Symbol}
5568 \LICRcmd{\OE}{Symbol}
5569 \LICRcmd{\SS}{Symbol}
5570 \LICRcmd{\TH}{Symbol}
5571 \LICRcmd{\^}{Composite}
5572 \LICRcmd{\'}{Composite}
5573 \LICRcmd{\ae}{Symbol}
5574 \LICRcmd{\b}{Command}
5575 \LICRcmd{\c}{Composite}
5576 \LICRcmd{\d}{Command}
5577 \LICRcmd{\dh}{Symbol}
5578 \LICRcmd{\dj}{Symbol}
5579 \LICRcmd{\guillemotleft}{Symbol}
5580 \LICRcmd{\guillemotright}{Symbol}
5581 \LICRcmd{\guilsinglleft}{Symbol}
5582 \LICRcmd{\guilsinglright}{Symbol}
5583 \LICRcmd{\i}{Symbol}
5584 \LICRcmd{\ij}{Symbol}
5585 \LICRcmd{\j}{Symbol}
5586 \LICRcmd{\k}{CompositeCommand}
5587 \LICRcmd{\l}{Symbol}
5588 \LICRcmd{\ng}{Symbol}
5589 \LICRcmd{\nobreakspace}{Extra}
5590 \LICRcmd{\o}{Symbol}
5591 \LICRcmd{\oe}{Symbol}
5592 \LICRcmd{\quotedblbase}{Symbol}
5593 \LICRcmd{\quotesinglbase}{Symbol}
5594 \LICRcmd{\r}{Composite}
5595 \LICRcmd{\ss}{Symbol}
5596 \LICRcmd{\t}{Accent}
5597 \LICRcmd{\textasciicircum}{Symbol}
5598 \LICRcmd{\textasciitilde}{Symbol}
5599 \LICRcmd{\textasteriskcentered}{Symbol}
5600 \LICRcmd{\textbackslash}{Symbol}
5601 \LICRcmd{\textbar}{Symbol}
5602 \LICRcmd{\textbardbl}{Symbol}
5603 \LICRcmd{\textbigcircle}{Symbol}
5604 \LICRcmd{\textbraceleft}{Symbol}
5605 \LICRcmd{\textbraceright}{Symbol}
5606 \LICRcmd{\textbullet}{Symbol}
5607 \LICRcmd{\textcircled}{Command}
5608 \LICRcmd{\textcompwordmark}{Symbol}
5609 \LICRcmd{\textcopyright}{CommandDefault}
5610 \LICRcmd{\textdagger}{Symbol}
5611 \LICRcmd{\textdaggerdbl}{Symbol}
5612 \LICRcmd{\textdollar}{Symbol}
5613 \LICRcmd{\textellipsis}{CommandDefault}
5614 \LICRcmd{\textemdash}{Symbol}
5615 \LICRcmd{\textendash}{Symbol}
5616 \LICRcmd{\textexclamdown}{Symbol}
5617 \LICRcmd{\textgreater}{Symbol}
5618 \LICRcmd{\textless}{Symbol}
5619 \LICRcmd{\textogonekcentered}{Command}


```

5620 \LICRcmd{\textordfeminine}{CommandDefault}
5621 \LICRcmd{\textordmasculine}{CommandDefault}
5622 \LICRcmd{\textparagraph}{Symbol}
5623 \LICRcmd{\textperiodcentered}{Symbol}
5624 \LICRcmd{\textpertenthousand}{Command}
5625 \LICRcmd{\textperthousand}{Command}
5626 \LICRcmd{\textquestiondown}{Symbol}
5627 \LICRcmd{\textquotedbl}{Symbol}
5628 \LICRcmd{\textquotedblleft}{Symbol}
5629 \LICRcmd{\textquotedblright}{Symbol}
5630 \LICRcmd{\textquoteleft}{Symbol}
5631 \LICRcmd{\textquoteright}{Symbol}
5632 \LICRcmd{\textregistered}{CommandDefault}
5633 \LICRcmd{\textsection}{Symbol}
5634 \LICRcmd{\textsterling}{Symbol}
5635 \LICRcmd{\texttrademark}{CommandDefault}
5636 \LICRcmd{\textunderscore}{Symbol}
5637 \LICRcmd{\textvisiblespace}{Symbol}
5638 \LICRcmd{\th}{Symbol}
5639 \LICRcmd{\u}{Composite}
5640 \LICRcmd{\v}{Composite}
5641 \LICRcmd{\~}{Composite}
5642 </licrcmds>

```

2.11.2 Commented additions for utf8enc.dfu

```

5643 <dfudoc>
5644 % inputenx-utf8enc.txt 2009/12/15 v1.5
5645 % Commented additions for utf8enc.dfu
5646
    List omitted here, see inputenx-utf8enc.txt.
5647 </dfudoc>

```

3 Installation

3.1 Download

Package. This package is available on CTAN¹:

[CTAN:macros/latex/contrib/oberdiek/inputenx.dtx](#) The source file.

[CTAN:macros/latex/contrib/oberdiek/inputenx.pdf](#) Documentation.

Bundle. All the packages of the bundle ‘oberdiek’ are also available in a TDS compliant ZIP archive. There the packages are already unpacked and the documentation files are generated. The files and directories obey the TDS standard.

[CTAN:install/macros/latex/contrib/oberdiek.tds.zip](#)

TDS refers to the standard “A Directory Structure for T_EX Files” ([CTAN:tds/tds.pdf](#)). Directories with `texmf` in their name are usually organized this way.

3.2 Bundle installation

Unpacking. Unpack the `oberdiek.tds.zip` in the TDS tree (also known as `texmf` tree) of your choice. Example (linux):

```
unzip oberdiek.tds.zip -d ~/texmf
```

¹<http://ftp.ctan.org/tex-archive/>

Script installation. Check the directory `TDS:scripts/oberdiek/` for scripts that need further installation steps. Package `attachfile2` comes with the Perl script `pdfatfi.pl` that should be installed in such a way that it can be called as `pdfatfi`. Example (linux):

```
chmod +x scripts/oberdiek/pdfatfi.pl
cp scripts/oberdiek/pdfatfi.pl /usr/local/bin/
```

3.3 Package installation

Unpacking. The `.dtx` file is a self-extracting docstrip archive. The files are extracted by running the `.dtx` through plain- \TeX :

```
tex inputenx.dtx
```

TDS. Now the different files must be moved into the different directories in your installation TDS tree (also known as `texmf` tree):

| | |
|------------------------------------|---|
| <code>inputenx.sty</code> | \rightarrow <code>tex/latex/oberdiek/inputenx.sty</code> |
| <code>ix-alias.def</code> | \rightarrow <code>tex/latex/oberdiek/ix-alias.def</code> |
| <code>ix-math.def</code> | \rightarrow <code>tex/latex/oberdiek/ix-math.def</code> |
| <code>ix-name.def</code> | \rightarrow <code>tex/latex/oberdiek/ix-name.def</code> |
| <code>ix-slot.def</code> | \rightarrow <code>tex/latex/oberdiek/ix-slot.def</code> |
| <code>ix-uc.def</code> | \rightarrow <code>tex/latex/oberdiek/ix-uc.def</code> |
| <code>ix-utf8enc.dfu</code> | \rightarrow <code>tex/latex/oberdiek/ix-utf8enc.dfu</code> |
| <code>x-ascii.def</code> | \rightarrow <code>tex/latex/oberdiek/x-ascii.def</code> |
| <code>x-atarist.def</code> | \rightarrow <code>tex/latex/oberdiek/x-atarist.def</code> |
| <code>x-iso-8859-1.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-1.def</code> |
| <code>x-iso-8859-2.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-2.def</code> |
| <code>x-iso-8859-3.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-3.def</code> |
| <code>x-iso-8859-4.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-4.def</code> |
| <code>x-iso-8859-5.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-5.def</code> |
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| <code>x-iso-8859-10.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-10.def</code> |
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| <code>x-iso-8859-15.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-15.def</code> |
| <code>x-iso-8859-16.def</code> | \rightarrow <code>tex/latex/oberdiek/x-iso-8859-16.def</code> |
| <code>x-cp437.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp437.def</code> |
| <code>x-cp850.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp850.def</code> |
| <code>x-cp852.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp852.def</code> |
| <code>x-cp855.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp855.def</code> |
| <code>x-cp858.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp858.def</code> |
| <code>x-cp865.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp865.def</code> |
| <code>x-cp866.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp866.def</code> |
| <code>x-cp1250.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp1250.def</code> |
| <code>x-cp1251.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp1251.def</code> |
| <code>x-cp1252.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp1252.def</code> |
| <code>x-cp1257.def</code> | \rightarrow <code>tex/latex/oberdiek/x-cp1257.def</code> |
| <code>x-dec-mcs.def</code> | \rightarrow <code>tex/latex/oberdiek/x-dec-mcs.def</code> |
| <code>x-koi8-r.def</code> | \rightarrow <code>tex/latex/oberdiek/x-koi8-r.def</code> |
| <code>x-mac-centeuro.def</code> | \rightarrow <code>tex/latex/oberdiek/x-mac-centeuro.def</code> |
| <code>x-mac-cyrillic.def</code> | \rightarrow <code>tex/latex/oberdiek/x-mac-cyrillic.def</code> |
| <code>x-mac-roman.def</code> | \rightarrow <code>tex/latex/oberdiek/x-mac-roman.def</code> |
| <code>x-nextstep.def</code> | \rightarrow <code>tex/latex/oberdiek/x-nextstep.def</code> |
| <code>inputenx.pdf</code> | \rightarrow <code>doc/latex/oberdiek/inputenx.pdf</code> |
| <code>inputenx-licrcmds.txt</code> | \rightarrow <code>doc/latex/oberdiek/inputenx-licrcmds.txt</code> |
| <code>inputenx-utf8enc.txt</code> | \rightarrow <code>doc/latex/oberdiek/inputenx-utf8enc.txt</code> |
| <code>inputenx.dtx</code> | \rightarrow <code>source/latex/oberdiek/inputenx.dtx</code> |

If you have a `docstrip.cfg` that configures and enables `docstrip`'s TDS installing feature, then some files can already be in the right place, see the documentation of `docstrip`.

3.4 Refresh file name databases

If your \TeX distribution (`teTeX`, `mikTeX`, ...) relies on file name databases, you must refresh these. For example, `teTeX` users run `texhash` or `mktexlsr`.

3.5 Some details for the interested

Attached source. The PDF documentation on CTAN also includes the `.dtx` source file. It can be extracted by AcrobatReader 6 or higher. Another option is `pdftk`, e.g. unpack the file into the current directory:

```
pdftk inputenx.pdf unpack_files output .
```

Unpacking with \LaTeX . The `.dtx` chooses its action depending on the format:

plain- \TeX : Run `docstrip` and extract the files.

\LaTeX : Generate the documentation.

If you insist on using \LaTeX for `docstrip` (really, `docstrip` does not need \LaTeX), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{inputenx.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

Generating the documentation. You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by the configuration file `ltxdoc.cfg`. For instance, put this line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with `pdf \LaTeX` :

```
pdflatex inputenx.dtx
makeindex -s gind.ist inputenx.idx
pdflatex inputenx.dtx
makeindex -s gind.ist inputenx.idx
pdflatex inputenx.dtx
```

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5 History

[2006/03/05 v1.0]

- First version.

[2007/04/11 v1.1]

- Some Cyrillic encodings added: cp855, cp866, cp1251, koi8-r, mac-cyrillic
- x-mac-ce renamed to x-mac-centeuro.

[2007/06/16 v1.2]

- Documentation update.

[2007/08/16 v1.3]

- Fix for U+0135: $\backslash^j \rightarrow \wedge^j$ (Behnam Tabatabai).

[2009/08/13 v1.4]

- Encodings for Atari (atarist) and ISO 8859-8 added.
- Support for horizontal bar (U+2015) and double low line (U+2017) added.

[2009/12/15 v1.5]

- Aliases clean7bit, ascii-print, ascii-printable added for x-ascii.

6 Index

Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

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| <code>\textltshade</code> 2220, 2428, 2596, 2751, 2964, 3207, 3366, 4331, 5448 | <code>\textpeseta</code> 2133, 2202, 3123, 3189, 5380 |
| <code>\textmalteseH</code> 760, 761, 782, 5266 | <code>\textPhi</code> 199, 423, 2067, 2276, 3057, 3263, 5336, 5518 |
| <code>\textmalteseh</code> 763, 764, 796, 5267 | <code>\textphi</code> 280, 428, 2136, 2281, 3126, 3268, 5345, 5519 |
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| <code>\textnotequal</code> 4475, 4532, 4655, 4723, 4879, 4948, 5394, 5508 | <code>\textpm</code> 286, 432, 491, 526, 1181, 1215, 1303, 1338, 1572, 1604, 1817, 1849, 1955, 1975, 2142, 2285, 2362, 2493, 2898, 3029, 3132, 3272, 3489, 3539, 3657, 3708, 3839, 3901, 4032, 4084, 4191, 4213, 4672, 4727, 4888, 4952, 5091, 5190 |
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| <code>\textonequarter</code> 277, 363, 485, 537, 1175, 1226, 1297, 1349, 1566, 1615, 2130, 2216, 2356, 2424, 2892, 2960, 3120, 3203, 3833, 3912, 4026, 4095, 4185, 4222, 5085, 5191, 5513 | <code>\textquoteright</code> 1682, 3509, 3678, 3871, 4059, 4572, 4763, 4988, 5150, 5631 |
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| <code>\textSFiii</code> 2235, 2443, 2611, 2766, 2979, 3222, 3381, 4318, 5406 | <code>\textSFxxxviii</code> . . 2244, 2452, 2620, 2775, 2988, 3231, 3390, 4356, 5424 |
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| <code>\textSFli</code> 2257, 3244, 3403, 4347, 5416 | <code>\textsterling</code> 347, 512, 784, 1201, 1324, 1590, 1693, 1835, 2200, 2408, 2944, 3187, 3887, 4071, 4205, 4522, 4713, 4938, 5144, 5528, 5634 |
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| <code>\textSFliii</code> 2259, 3246, 3405, 4374, 5441 | <code>\textsurd</code> 304, 440, 2160, 2293, 3150, 3280, 3315, 3441, 4309, 4336, 4484, 4554, 4675, 4745, 4897, 4970, 5387, 5530 |
| <code>\textSFliv</code> 2260, 3247, 3406, 4373, 5440 | <code>\TextSymbolUnavailable</code> 230, 242, 292, 317, 462, 465, 468, 474, 507, 628, 634, 752, 758, 761, 764, 878, 893, 899, 902, 908, 1140, 1143, 1146, 1164, 1197, 1274, 1277, 1280, 1286, 1319, 1425, 1434, 1437, 1543, 1546, 1549, 1555, 1797, 1803, 1806, 1830, 1953, 2086, 2095, 2148, 2170, 2318, 2321, 2324, 2342, 2378, 2534, 2540, 2687, 2851, 2854, 2857, 2875, 2878, 2914, 3076, 3085, 3138, 3296, 3469, 3472, 3478, 3481, 3626, 3629, 3635, 3804, 3807, 3810, 3816, 3819, 3855, 4000, 4003, 4006, 4012, 4015, 4171, 4174, 4201, 4301, 4458, 4629, 4632, 4838, 4844, 4847, 4901, 5059, 5062, 5065, 5068, 5107, 5239 |
| <code>\textSFv</code> 2241, 2449, 2617, 2772, 2985, 3228, 3387, 4325, 5413 | <code>\texttau</code> 307, 422, 2163, 2275, 3153, 3262, 5344, 5531 |
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| <code>\textSFxliv</code> 2250, 2458, 2626, 2781, 2994, 3237, 3396, 4375, 5442 | |
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| <code>\textSFxxi</code> 2227, 3214, 3373, 4352, 5420 | |
| <code>\textSFxxii</code> 2228, 3215, 3374, 4351, 5419 | |
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| <code>\textuparrow</code> 5536 | <code>\varepsilon</code> 2098, 3088, 5487 |
| <code>\textupblock</code> 2267, 2475, 2643, 2798, 3011, 3254, 3413, 4326, 5443 | <code>\Vert</code> 5475 |
| <code>\textvisiblespace</code> 5637 | <code>\vrule</code> 2083, 2315, 2531, 2684, 2848, 3073, 3293, 4295 |
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