

# The inputenx package

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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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## 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 L<sup>A</sup>T<sub>E</sub>X's ones:

- More uptodate and closer to the standards. Updating L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X 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>	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<sup>A</sup>T<sub>E</sub>X 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<sup>A</sup>T<sub>E</sub>X/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 [2009/08/13 v1.4 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}[2009/08/13 v1.4 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{atari}{x-atarist}
159 \InputenxAlias{cp437de}{x-cp437}
160 \InputenxAlias{decmulti}{x-dec-mcs}
161 \InputenxAlias{iso88595}{x-iso-8859-5}
162 \InputenxAlias{latin1}{x-iso-8859-1}
163 \InputenxAlias{latin10}{x-iso-8859-16}
164 \InputenxAlias{latin2}{x-iso-8859-2}
165 \InputenxAlias{latin3}{x-iso-8859-3}
166 \InputenxAlias{latin4}{x-iso-8859-4}
167 \InputenxAlias{latin5}{x-iso-8859-9}
168 \InputenxAlias{latin6}{x-iso-8859-10}
169 \InputenxAlias{latin7}{x-iso-8859-13}
170 \InputenxAlias{latin8}{x-iso-8859-14}

```

```

171 \InputenxAlias{latin9}{x-iso-8859-15}
172 \InputenxAlias{mac-ce}{x-mac-centeuro}
173 \InputenxAlias{mac-ukrainian}{x-mac-cyrillic}
174 \InputenxAlias{macce}{x-mac-centeuro}
175 \InputenxAlias{maccyr}{x-mac-cyrillic}
176 \InputenxAlias{macukr}{x-mac-cyrillic}
177 \InputenxAlias{next}{x-nextstep}
178 \InputenxAlias{us-ascii}{x-ascii}
179 \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.

```

180 <*ascii>
181 \ProvidesFile{x-ascii.def}%
182 [2009/08/13 v1.4 Input encoding ascii (inputenx)]%
183 \csname @inpenc@test\endcsname
184 </ascii>

```

### 2.5.2 Encoding atarist

```

185 <*atarist>
186 \ProvidesFile{x-atarist.def}%
187 [2009/08/13 v1.4 Input encoding atarist (inputenx)]%
188 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
189 \makeatletter
190 \ProvideTextCommandDefault{\textGamma}{%
191   \ensuremath\Gamma
192 }
193 \ProvideTextCommandDefault{\textOmega}{%
194   \ensuremath\Omega
195 }
196 \ProvideTextCommandDefault{\textPhi}{%
197   \ensuremath\Phi
198 }
199 \ProvideTextCommandDefault{\textSigma}{%
200   \ensuremath\Sigma
201 }
202 \ProvideTextCommandDefault{\textTheta}{%
203   \ensuremath\Theta
204 }
205 \ProvideTextCommandDefault{\textalpha}{%
206   \ensuremath\alpha
207 }
208 \ProvideTextCommandDefault{\textapproxequal}{%
209   \ensuremath\approx
210 }
211 \ProvideTextCommandDefault{\textasciicute}{%
212   \@tabacckludge'{}%
213 }
214 \ProvideTextCommandDefault{\textasciidieresis}{%
215   \{"{}%
216 }
217 \ProvideTextCommandDefault{\textasciimacron}{%
218   \@tabacckludge={}%
219 }
220 \ProvideTextCommandDefault{\textbeta}{%
221   \ensuremath\beta
222 }
223 \ProvideTextCommandDefault{\textcap}{%

```



```

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

```

```

286 \ProvideTextCommandDefault{\textrevlogicalnot}{%
287   \begingroup
288     \@ifundefined{reflectbox}{%
289       \TextSymbolUnavailable\textrevlogicalnot
290     }{%
291       \def\@revlogicalnot##1##2{%
292         \reflectbox{##1##2}%
293       }%
294       \ensuremath{\mathpalette\@revlogicalnot\lnot}%
295     }%
296   \endgroup
297 }
298 \ProvideTextCommandDefault{\textsigma}{%
299   \ensuremath{\sigma}
300 }
301 \ProvideTextCommandDefault{\textsurd}{%
302   \ensuremath{\surd}
303 }
304 \ProvideTextCommandDefault{\texttau}{%
305   \ensuremath{\tau}
306 }
307 \ProvideTextCommandDefault{\textthreesuperior}{%
308   \ensuremath{{}^3}%
309 }
310 \ProvideTextCommandDefault{\texttwosuperior}{%
311   \ensuremath{{}^2}%
312 }
313 \ProvideTextCommandDefault{\textyen}{%
314   \TextSymbolUnavailable\textyen
315 }
316 \DeclareInputText{128}{\c C}
317 \DeclareInputText{129}{\u u}
318 \DeclareInputText{130}{\@tabacckludge'e}
319 \DeclareInputText{131}{\^a}
320 \DeclareInputText{132}{\a}
321 \DeclareInputText{133}{\@tabacckludge'a}
322 \DeclareInputText{134}{\r a}
323 \DeclareInputText{135}{\c c}
324 \DeclareInputText{136}{\^e}
325 \DeclareInputText{137}{\e}
326 \DeclareInputText{138}{\@tabacckludge'e}
327 \DeclareInputText{139}{\i}
328 \DeclareInputText{140}{\^i}
329 \DeclareInputText{141}{\@tabacckludge'i}
330 \DeclareInputText{142}{\A}
331 \DeclareInputText{143}{\r A}
332 \DeclareInputText{144}{\@tabacckludge'E}
333 \DeclareInputText{145}{\ae}
334 \DeclareInputText{146}{\AE}
335 \DeclareInputText{147}{\^o}
336 \DeclareInputText{148}{\o}
337 \DeclareInputText{149}{\@tabacckludge'o}
338 \DeclareInputText{150}{\^u}
339 \DeclareInputText{151}{\@tabacckludge'u}
340 \DeclareInputText{152}{\y}
341 \DeclareInputText{153}{\0}
342 \DeclareInputText{154}{\U}
343 \DeclareInputText{155}{\textcent}
344 \DeclareInputText{156}{\textsterling}
345 \DeclareInputText{157}{\textyen}
346 \DeclareInputText{158}{\ss}
347 \DeclareInputText{159}{\textflorin}

```

```

348 \DeclareInputText{160}{\@tabacckludge'a}
349 \DeclareInputText{161}{\@tabacckludge'i}
350 \DeclareInputText{162}{\@tabacckludge'o}
351 \DeclareInputText{163}{\@tabacckludge'u}
352 \DeclareInputText{164}{\~n}
353 \DeclareInputText{165}{\~N}
354 \DeclareInputText{166}{\textordfeminine}
355 \DeclareInputText{167}{\textordmasculine}
356 \DeclareInputText{168}{\textquestiondown}
357 \DeclareInputText{169}{\textrevlogicalnot}
358 \DeclareInputText{170}{\textlnot}
359 \DeclareInputText{171}{\textonehalf}
360 \DeclareInputText{172}{\textonequarter}
361 \DeclareInputText{173}{\texttexclamdown}
362 \DeclareInputText{174}{\guillemotleft}
363 \DeclareInputText{175}{\guillemotright}
364 \DeclareInputText{176}{\~a}
365 \DeclareInputText{177}{\~o}
366 \DeclareInputText{178}{\0}
367 \DeclareInputText{179}{\o}
368 \DeclareInputText{180}{\oe}
369 \DeclareInputText{181}{\OE}
370 \DeclareInputText{182}{\@tabacckludge'A}
371 \DeclareInputText{183}{\~A}
372 \DeclareInputText{184}{\~O}
373 \DeclareInputText{185}{\textasciidieresis}
374 \DeclareInputText{186}{\textasciicute}
375 \DeclareInputText{187}{\textdagger}
376 \DeclareInputText{188}{\textparagraph}
377 \DeclareInputText{189}{\textcopyright}
378 \DeclareInputText{190}{\textregistered}
379 \DeclareInputText{191}{\texttrademark}
380 \DeclareInputText{192}{\ij}
381 \DeclareInputText{193}{\IJ}
382 \DeclareInputText{194}{\hebaleft}
383 \DeclareInputText{195}{\hebbet}
384 \DeclareInputText{196}{\hebgimel}
385 \DeclareInputText{197}{\hebdalet}
386 \DeclareInputText{198}{\hebhe}
387 \DeclareInputText{199}{\hebvav}
388 \DeclareInputText{200}{\hebzayin}
389 \DeclareInputText{201}{\hebbet}
390 \DeclareInputText{202}{\hebtet}
391 \DeclareInputText{203}{\hebyod}
392 \DeclareInputText{204}{\hebkaf}
393 \DeclareInputText{205}{\heblamed}
394 \DeclareInputText{206}{\hebmeme}
395 \DeclareInputText{207}{\hebnnun}
396 \DeclareInputText{208}{\hebsamekh}
397 \DeclareInputText{209}{\hebayin}
398 \DeclareInputText{210}{\hebpe}
399 \DeclareInputText{211}{\hebtsadi}
400 \DeclareInputText{212}{\hebqof}
401 \DeclareInputText{213}{\hebresh}
402 \DeclareInputText{214}{\hebshin}
403 \DeclareInputText{215}{\hebtav}
404 \DeclareInputText{216}{\hebfinalnun}
405 \DeclareInputText{217}{\hebfinalkaf}
406 \DeclareInputText{218}{\hebfinalmeme}
407 \DeclareInputText{219}{\hebfinalpe}
408 \DeclareInputText{220}{\hebfinaltsadi}
409 \DeclareInputText{221}{\textsection}

```

```

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

```

### 2.5.3 Encoding iso-8859-1

```

444 \<*iso - 8859 - 1>
445 \ProvidesFile{x-iso-8859-1.def}%
446 [2009/08/13 v1.4 Input encoding iso-8859-1 (inputenx)]%
447 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
448 \makeatletter
449 \ProvideTextCommandDefault{\textasciicute}{%
450   \@tabacckludge'}{%
451 }
452 \ProvideTextCommandDefault{\textasciidieresis}{%
453   \{"}%
454 }
455 \ProvideTextCommandDefault{\textasciimacron}{%
456   \@tabacckludge=}%
457 }
458 \ProvideTextCommandDefault{\textbrokenbar}{%
459   \TextSymbolUnavailable\textbrokenbar
460 }
461 \ProvideTextCommandDefault{\textcent}{%
462   \TextSymbolUnavailable\textcent
463 }
464 \ProvideTextCommandDefault{\textcurrency}{%
465   \TextSymbolUnavailable\textcurrency
466 }
467 \ProvideTextCommandDefault{\textdegree}{%
468   \ensuremath{^\circ}}%
469 }
470 \ProvideTextCommandDefault{\textdiv}{%

```

```

471 \TextSymbolUnavailable\textdiv
472 }
473 \ProvideTextCommandDefault{\textlnot}{%
474 \ensuremath\lnot
475 }
476 \ProvideTextCommandDefault{\textmu}{%
477 \ensuremath\mu
478 }
479 \ProvideTextCommandDefault{\textonehalf}{%
480 \ensuremath{\frac{1}{2}}%
481 }
482 \ProvideTextCommandDefault{\textonequarter}{%
483 \ensuremath{\frac{1}{4}}%
484 }
485 \ProvideTextCommandDefault{\textonesuperior}{%
486 \ensuremath{{}^1}%
487 }
488 \ProvideTextCommandDefault{\textpm}{%
489 \ensuremath\pm
490 }
491 \ProvideTextCommandDefault{\textthreequarters}{%
492 \ensuremath{\frac{3}{4}}%
493 }
494 \ProvideTextCommandDefault{\textthreesuperior}{%
495 \ensuremath{{}^3}%
496 }
497 \ProvideTextCommandDefault{\texttimes}{%
498 \ensuremath\times
499 }
500 \ProvideTextCommandDefault{\texttwosuperior}{%
501 \ensuremath{{}^2}%
502 }
503 \ProvideTextCommandDefault{\textyen}{%
504 \TextSymbolUnavailable\textyen
505 }
506 \DeclareInputText{160}{\nobreakspace}
507 \DeclareInputText{161}{\texttexclamdown}
508 \DeclareInputText{162}{\textcent}
509 \DeclareInputText{163}{\textsterling}
510 \DeclareInputText{164}{\textcurrency}
511 \DeclareInputText{165}{\textyen}
512 \DeclareInputText{166}{\textbrokenbar}
513 \DeclareInputText{167}{\textsection}
514 \DeclareInputText{168}{\textasciidieresis}
515 \DeclareInputText{169}{\textcopyright}
516 \DeclareInputText{170}{\textordfeminine}
517 \DeclareInputText{171}{\guillemotleft}
518 \DeclareInputText{172}{\textlnot}
519 \DeclareInputText{173}{\textasciicaron}
520 \DeclareInputText{174}{\textregistered}
521 \DeclareInputText{175}{\textasciimacron}
522 \DeclareInputText{176}{\textdegree}
523 \DeclareInputText{177}{\textpm}
524 \DeclareInputText{178}{\texttwosuperior}
525 \DeclareInputText{179}{\textthreesuperior}
526 \DeclareInputText{180}{\textasciiaacute}
527 \DeclareInputText{181}{\textmu}
528 \DeclareInputText{182}{\textparagraph}
529 \DeclareInputText{183}{\textperiodcentered}
530 \DeclareInputText{184}{\c\ }
531 \DeclareInputText{185}{\textonesuperior}
532 \DeclareInputText{186}{\textordmasculine}

```

```

533 \DeclareInputText{187}{\guillemotright}
534 \DeclareInputText{188}{\textonequarter}
535 \DeclareInputText{189}{\textonehalf}
536 \DeclareInputText{190}{\textthreequarters}
537 \DeclareInputText{191}{\textquestiondown}
538 \DeclareInputText{192}{\@tabacckludge'A}
539 \DeclareInputText{193}{\@tabacckludge'A}
540 \DeclareInputText{194}{\^A}
541 \DeclareInputText{195}{\~A}
542 \DeclareInputText{196}{\"A}
543 \DeclareInputText{197}{\r A}
544 \DeclareInputText{198}{\AE}
545 \DeclareInputText{199}{\c C}
546 \DeclareInputText{200}{\@tabacckludge'E}
547 \DeclareInputText{201}{\@tabacckludge'E}
548 \DeclareInputText{202}{\^E}
549 \DeclareInputText{203}{\"E}
550 \DeclareInputText{204}{\@tabacckludge'I}
551 \DeclareInputText{205}{\@tabacckludge'I}
552 \DeclareInputText{206}{\^I}
553 \DeclareInputText{207}{\"I}
554 \DeclareInputText{208}{\DH}
555 \DeclareInputText{209}{\^N}
556 \DeclareInputText{210}{\@tabacckludge'O}
557 \DeclareInputText{211}{\@tabacckludge'O}
558 \DeclareInputText{212}{\^O}
559 \DeclareInputText{213}{\"O}
560 \DeclareInputText{214}{\"0}
561 \DeclareInputText{215}{\texttimes}
562 \DeclareInputText{216}{\O}
563 \DeclareInputText{217}{\@tabacckludge'U}
564 \DeclareInputText{218}{\@tabacckludge'U}
565 \DeclareInputText{219}{\^U}
566 \DeclareInputText{220}{\"U}
567 \DeclareInputText{221}{\@tabacckludge'Y}
568 \DeclareInputText{222}{\TH}
569 \DeclareInputText{223}{\ss}
570 \DeclareInputText{224}{\@tabacckludge'a}
571 \DeclareInputText{225}{\@tabacckludge'a}
572 \DeclareInputText{226}{\^a}
573 \DeclareInputText{227}{\~a}
574 \DeclareInputText{228}{\"a}
575 \DeclareInputText{229}{\r a}
576 \DeclareInputText{230}{\ae}
577 \DeclareInputText{231}{\c c}
578 \DeclareInputText{232}{\@tabacckludge'e}
579 \DeclareInputText{233}{\@tabacckludge'e}
580 \DeclareInputText{234}{\^e}
581 \DeclareInputText{235}{\"e}
582 \DeclareInputText{236}{\@tabacckludge'i}
583 \DeclareInputText{237}{\@tabacckludge'i}
584 \DeclareInputText{238}{\^i}
585 \DeclareInputText{239}{\"i}
586 \DeclareInputText{240}{\dh}
587 \DeclareInputText{241}{\^n}
588 \DeclareInputText{242}{\@tabacckludge'o}
589 \DeclareInputText{243}{\@tabacckludge'o}
590 \DeclareInputText{244}{\^o}
591 \DeclareInputText{245}{\~o}
592 \DeclareInputText{246}{\"o}
593 \DeclareInputText{247}{\textdiv}
594 \DeclareInputText{248}{\o}

```

```

595 \DeclareInputText{249}{\@tabacckludge'u}
596 \DeclareInputText{250}{\@tabacckludge'u}
597 \DeclareInputText{251}{\^u}
598 \DeclareInputText{252}{\"u}
599 \DeclareInputText{253}{\@tabacckludge'y}
600 \DeclareInputText{254}{\th}
601 \DeclareInputText{255}{\"y}
602 \RestoreAtCatcode
603 </iso - 8859 - 1>

```

#### 2.5.4 Encoding iso-8859-2

```

604 <*iso - 8859 - 2>
605 \ProvidesFile{x-iso-8859-2.def}%
606 [2009/08/13 v1.4 Input encoding iso-8859-2 (inputenx)]%
607 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
608 \makeatletter
609 \ProvideTextCommandDefault{\textacutedbl}{%
610   \H{}}%
611 }
612 \ProvideTextCommandDefault{\textasciiacute}{%
613   \@tabacckludge'}%
614 }
615 \ProvideTextCommandDefault{\textasciibreve}{%
616   \u{}}%
617 }
618 \ProvideTextCommandDefault{\textasciicaron}{%
619   \v{}}%
620 }
621 \ProvideTextCommandDefault{\textasciidieresis}{%
622   \"{}}%
623 }
624 \ProvideTextCommandDefault{\textcurrency}{%
625   \TextSymbolUnavailable\textcurrency
626 }
627 \ProvideTextCommandDefault{\textdegree}{%
628   \ensuremath{{}^{\circ}}}%
629 }
630 \ProvideTextCommandDefault{\textdiv}{%
631   \TextSymbolUnavailable\textdiv
632 }
633 \ProvideTextCommandDefault{\texttimes}{%
634   \ensuremath{\times}
635 }
636 \DeclareInputText{160}{\nobreakspace}
637 \DeclareInputText{161}{\k A}
638 \DeclareInputText{162}{\textasciibreve}
639 \DeclareInputText{163}{\L}
640 \DeclareInputText{164}{\textcurrency}
641 \DeclareInputText{165}{\v L}
642 \DeclareInputText{166}{\@tabacckludge'S}
643 \DeclareInputText{167}{\textsection}
644 \DeclareInputText{168}{\textasciidieresis}
645 \DeclareInputText{169}{\v S}
646 \DeclareInputText{170}{\c S}
647 \DeclareInputText{171}{\v T}
648 \DeclareInputText{172}{\@tabacckludge'Z}
649 \DeclareInputText{173}{\ -}
650 \DeclareInputText{174}{\v Z}
651 \DeclareInputText{175}{\ .Z}
652 \DeclareInputText{176}{\textdegree}
653 \DeclareInputText{177}{\k a}
654 \DeclareInputText{178}{\k{}}
655 \DeclareInputText{179}{\l}

```

```

656 \DeclareInputText{180}{\textasciiaacute}
657 \DeclareInputText{181}{\v l}
658 \DeclareInputText{182}{\@tabacckludge's}
659 \DeclareInputText{183}{\textasciicaron}
660 \DeclareInputText{184}{\c\ }
661 \DeclareInputText{185}{\v s}
662 \DeclareInputText{186}{\c s}
663 \DeclareInputText{187}{\v t}
664 \DeclareInputText{188}{\@tabacckludge'z}
665 \DeclareInputText{189}{\textacutedbl}
666 \DeclareInputText{190}{\v z}
667 \DeclareInputText{191}{\z}
668 \DeclareInputText{192}{\@tabacckludge'R}
669 \DeclareInputText{193}{\@tabacckludge'A}
670 \DeclareInputText{194}{\^A}
671 \DeclareInputText{195}{\u A}
672 \DeclareInputText{196}{\^A}
673 \DeclareInputText{197}{\@tabacckludge'L}
674 \DeclareInputText{198}{\@tabacckludge'C}
675 \DeclareInputText{199}{\c C}
676 \DeclareInputText{200}{\v C}
677 \DeclareInputText{201}{\@tabacckludge'E}
678 \DeclareInputText{202}{\k E}
679 \DeclareInputText{203}{\^E}
680 \DeclareInputText{204}{\v E}
681 \DeclareInputText{205}{\@tabacckludge'I}
682 \DeclareInputText{206}{\^I}
683 \DeclareInputText{207}{\v D}
684 \DeclareInputText{208}{\DJ}
685 \DeclareInputText{209}{\@tabacckludge'N}
686 \DeclareInputText{210}{\v N}
687 \DeclareInputText{211}{\@tabacckludge'O}
688 \DeclareInputText{212}{\^O}
689 \DeclareInputText{213}{\H O}
690 \DeclareInputText{214}{\^O}
691 \DeclareInputText{215}{\texttimes}
692 \DeclareInputText{216}{\v R}
693 \DeclareInputText{217}{\r U}
694 \DeclareInputText{218}{\@tabacckludge'U}
695 \DeclareInputText{219}{\H U}
696 \DeclareInputText{220}{\^U}
697 \DeclareInputText{221}{\@tabacckludge'Y}
698 \DeclareInputText{222}{\c T}
699 \DeclareInputText{223}{\ss}
700 \DeclareInputText{224}{\@tabacckludge'r}
701 \DeclareInputText{225}{\@tabacckludge'a}
702 \DeclareInputText{226}{\^a}
703 \DeclareInputText{227}{\u a}
704 \DeclareInputText{228}{\^a}
705 \DeclareInputText{229}{\@tabacckludge'l}
706 \DeclareInputText{230}{\@tabacckludge'c}
707 \DeclareInputText{231}{\c c}
708 \DeclareInputText{232}{\v c}
709 \DeclareInputText{233}{\@tabacckludge'e}
710 \DeclareInputText{234}{\k e}
711 \DeclareInputText{235}{\^e}
712 \DeclareInputText{236}{\v e}
713 \DeclareInputText{237}{\@tabacckludge'i}
714 \DeclareInputText{238}{\^i}
715 \DeclareInputText{239}{\v d}
716 \DeclareInputText{240}{\dj}
717 \DeclareInputText{241}{\@tabacckludge'n}

```



```

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

```

### 2.5.5 Encoding iso-8859-3

```

734 \<iso - 8859 - 3>
735 \ProvidesFile{x-iso-8859-3.def}%
736 [2009/08/13 v1.4 Input encoding iso-8859-3 (inputenx)]%
737 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
738 \makeatletter
739 \ProvideTextCommandDefault{\textasciicute}{%
740   \@tabacckludge' }%
741 }
742 \ProvideTextCommandDefault{\textasciibreve}{%
743   \u }%
744 }
745 \ProvideTextCommandDefault{\textasciidieresis}{%
746   \" }%
747 }
748 \ProvideTextCommandDefault{\textcurrency}{%
749   \TextSymbolUnavailable\textcurrency
750 }
751 \ProvideTextCommandDefault{\textdegree}{%
752   \ensuremath{{}^\circ }%
753 }
754 \ProvideTextCommandDefault{\textdiv}{%
755   \TextSymbolUnavailable\textdiv
756 }
757 \ProvideTextCommandDefault{\textmalteseH}{%
758   \TextSymbolUnavailable\textmalteseH
759 }
760 \ProvideTextCommandDefault{\textmalteseh}{%
761   \TextSymbolUnavailable\textmalteseh
762 }
763 \ProvideTextCommandDefault{\textmu}{%
764   \ensuremath{\mu}
765 }
766 \ProvideTextCommandDefault{\textonehalf}{%
767   \ensuremath{\frac{1}{2}}%
768 }
769 \ProvideTextCommandDefault{\textthreesuperior}{%
770   \ensuremath{{}^3}%
771 }
772 \ProvideTextCommandDefault{\texttimes}{%
773   \ensuremath{\times}
774 }
775 \ProvideTextCommandDefault{\texttwosuperior}{%
776   \ensuremath{{}^2}%
777 }
778 \DeclareInputText{160}{\nobreakspace}

```

```

779 \DeclareInputText{161}{\textmalteseH}
780 \DeclareInputText{162}{\textasciibreve}
781 \DeclareInputText{163}{\textsterling}
782 \DeclareInputText{164}{\textcurrency}
783 \DeclareInputText{166}{\^H}
784 \DeclareInputText{167}{\textsection}
785 \DeclareInputText{168}{\textasciidieresis}
786 \DeclareInputText{169}{\ .I}
787 \DeclareInputText{170}{\c S}
788 \DeclareInputText{171}{\u G}
789 \DeclareInputText{172}{\^J}
790 \DeclareInputText{173}{\ -}
791 \DeclareInputText{175}{\ .Z}
792 \DeclareInputText{176}{\textdegree}
793 \DeclareInputText{177}{\textmalteseh}
794 \DeclareInputText{178}{\texttwosuperior}
795 \DeclareInputText{179}{\textthreesuperior}
796 \DeclareInputText{180}{\textasciiacute}
797 \DeclareInputText{181}{\textmu}
798 \DeclareInputText{182}{\^h}
799 \DeclareInputText{183}{\textperiodcentered}
800 \DeclareInputText{184}{\c\ }
801 \DeclareInputText{185}{\i}
802 \DeclareInputText{186}{\c s}
803 \DeclareInputText{187}{\u g}
804 \DeclareInputText{188}{\^j}
805 \DeclareInputText{189}{\textonehalf}
806 \DeclareInputText{191}{\ .z}
807 \DeclareInputText{192}{\@tabacckludge'A}
808 \DeclareInputText{193}{\@tabacckludge'A}
809 \DeclareInputText{194}{\^A}
810 \DeclareInputText{196}{\ "A}
811 \DeclareInputText{197}{\ .C}
812 \DeclareInputText{198}{\^C}
813 \DeclareInputText{199}{\c C}
814 \DeclareInputText{200}{\@tabacckludge'E}
815 \DeclareInputText{201}{\@tabacckludge'E}
816 \DeclareInputText{202}{\^E}
817 \DeclareInputText{203}{\ "E}
818 \DeclareInputText{204}{\@tabacckludge'I}
819 \DeclareInputText{205}{\@tabacckludge'I}
820 \DeclareInputText{206}{\^I}
821 \DeclareInputText{207}{\ "I}
822 \DeclareInputText{209}{\^N}
823 \DeclareInputText{210}{\@tabacckludge'O}
824 \DeclareInputText{211}{\@tabacckludge'O}
825 \DeclareInputText{212}{\^O}
826 \DeclareInputText{213}{\ .G}
827 \DeclareInputText{214}{\ "O}
828 \DeclareInputText{215}{\texttimes}
829 \DeclareInputText{216}{\^G}
830 \DeclareInputText{217}{\@tabacckludge'U}
831 \DeclareInputText{218}{\@tabacckludge'U}
832 \DeclareInputText{219}{\^U}
833 \DeclareInputText{220}{\ "U}
834 \DeclareInputText{221}{\u U}
835 \DeclareInputText{222}{\^S}
836 \DeclareInputText{223}{\ss}
837 \DeclareInputText{224}{\@tabacckludge'a}
838 \DeclareInputText{225}{\@tabacckludge'a}
839 \DeclareInputText{226}{\^a}
840 \DeclareInputText{228}{\ "a}

```

```

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

```

### 2.5.6 Encoding iso-8859-4

```

869 <*iso - 8859 - 4>
870 \ProvidesFile{x-iso-8859-4.def}%
871 [2009/08/13 v1.4 Input encoding iso-8859-4 (inputenx)]%
872 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
873 \makeatletter
874 \ProvideTextCommandDefault{\textTstroke}{%
875   \TextSymbolUnavailable\textTstroke
876 }
877 \ProvideTextCommandDefault{\textasciiacute}{%
878   \@tabacckludge' }%
879 }
880 \ProvideTextCommandDefault{\textasciicaron}{%
881   \v{ }%
882 }
883 \ProvideTextCommandDefault{\textasciidieresis}{%
884   \"{ }%
885 }
886 \ProvideTextCommandDefault{\textasciimacron}{%
887   \@tabacckludge={ }%
888 }
889 \ProvideTextCommandDefault{\textcurrency}{%
890   \TextSymbolUnavailable\textcurrency
891 }
892 \ProvideTextCommandDefault{\textdegree}{%
893   \ensuremath{{}^{\circ}}%
894 }
895 \ProvideTextCommandDefault{\textdiv}{%
896   \TextSymbolUnavailable\textdiv
897 }
898 \ProvideTextCommandDefault{\textkra}{%
899   \TextSymbolUnavailable\textkra
900 }
901 \ProvideTextCommandDefault{\texttimes}{%

```

```

902 \ensuremath\times
903 }
904 \ProvideTextCommandDefault{\texttstroke}{%
905 \TextSymbolUnavailable\texttstroke
906 }
907 \DeclareInputText{160}{\nobreakspace}
908 \DeclareInputText{161}{\k A}
909 \DeclareInputText{162}{\textkra}
910 \DeclareInputText{163}{\c R}
911 \DeclareInputText{164}{\textcurrency}
912 \DeclareInputText{165}{\~I}
913 \DeclareInputText{166}{\c L}
914 \DeclareInputText{167}{\textsection}
915 \DeclareInputText{168}{\textasciidieresis}
916 \DeclareInputText{169}{\v S}
917 \DeclareInputText{170}{\@tabacckludge=E}
918 \DeclareInputText{171}{\c G}
919 \DeclareInputText{172}{\textTstroke}
920 \DeclareInputText{173}{\~}
921 \DeclareInputText{174}{\v Z}
922 \DeclareInputText{175}{\textasciimacron}
923 \DeclareInputText{176}{\textdegree}
924 \DeclareInputText{177}{\k a}
925 \DeclareInputText{178}{\k{}}
926 \DeclareInputText{179}{\c r}
927 \DeclareInputText{180}{\textasciiacute}
928 \DeclareInputText{181}{\~i}
929 \DeclareInputText{182}{\c l}
930 \DeclareInputText{183}{\textasciicaron}
931 \DeclareInputText{184}{\c\ }
932 \DeclareInputText{185}{\v s}
933 \DeclareInputText{186}{\@tabacckludge=e}
934 \DeclareInputText{187}{\v g}
935 \DeclareInputText{188}{\texttstroke}
936 \DeclareInputText{189}{\NG}
937 \DeclareInputText{190}{\v z}
938 \DeclareInputText{191}{\ng}
939 \DeclareInputText{192}{\@tabacckludge=A}
940 \DeclareInputText{193}{\@tabacckludge'A}
941 \DeclareInputText{194}{\^A}
942 \DeclareInputText{195}{\~A}
943 \DeclareInputText{196}{\^A}
944 \DeclareInputText{197}{\r A}
945 \DeclareInputText{198}{\AE}
946 \DeclareInputText{199}{\k I}
947 \DeclareInputText{200}{\v C}
948 \DeclareInputText{201}{\@tabacckludge'E}
949 \DeclareInputText{202}{\k E}
950 \DeclareInputText{203}{\^E}
951 \DeclareInputText{204}{\~.E}
952 \DeclareInputText{205}{\@tabacckludge'I}
953 \DeclareInputText{206}{\~I}
954 \DeclareInputText{207}{\@tabacckludge=I}
955 \DeclareInputText{208}{\DJ}
956 \DeclareInputText{209}{\c N}
957 \DeclareInputText{210}{\@tabacckludge=0}
958 \DeclareInputText{211}{\c K}
959 \DeclareInputText{212}{\~0}
960 \DeclareInputText{213}{\~0}
961 \DeclareInputText{214}{\^0}
962 \DeclareInputText{215}{\texttimes}
963 \DeclareInputText{216}{\0}

```

```

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

```

### 2.5.7 Encoding iso-8859-5

```

1005 <*iso - 8859 - 5>
1006 \ProvidesFile{x-iso-8859-5.def}%
1007 [2009/08/13 v1.4 Input encoding iso-8859-5 (inputenx)]%
1008 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1009 \makeatletter
1010 \ProvideTextCommandDefault{\textnumero}{%
1011   N%
1012   \bgroup
1013     \check@mathfonts
1014     \fontsize\sf@size\z@
1015     \math@fontsfalse
1016     \selectfont
1017     \oalign{%
1018       \raise0.5ex\hbox{o}%
1019       \crr
1020       \hline
1021     }%
1022   \egroup
1023 }
1024 \DeclareInputText{160}{\nobreakspace}

```

```

1025 \DeclareInputText{161}{\CYRYO}
1026 \DeclareInputText{162}{\CYRDJE}
1027 \DeclareInputText{163}{\@tabacckludge'\CYRG}
1028 \DeclareInputText{164}{\CYRIE}
1029 \DeclareInputText{165}{\CYRDZE}
1030 \DeclareInputText{166}{\CYRII}
1031 \DeclareInputText{167}{\CYRYI}
1032 \DeclareInputText{168}{\CYRJE}
1033 \DeclareInputText{169}{\CYRLJE}
1034 \DeclareInputText{170}{\CYRNJE}
1035 \DeclareInputText{171}{\CYRTSHE}
1036 \DeclareInputText{172}{\@tabacckludge'\CYRK}
1037 \DeclareInputText{173}{\ -}
1038 \DeclareInputText{174}{\CYRUSHRT}
1039 \DeclareInputText{175}{\CYRDZHE}
1040 \DeclareInputText{176}{\CYRA}
1041 \DeclareInputText{177}{\CYRB}
1042 \DeclareInputText{178}{\CYRV}
1043 \DeclareInputText{179}{\CYRG}
1044 \DeclareInputText{180}{\CYRD}
1045 \DeclareInputText{181}{\CYRE}
1046 \DeclareInputText{182}{\CYRZH}
1047 \DeclareInputText{183}{\CYRZ}
1048 \DeclareInputText{184}{\CYRI}
1049 \DeclareInputText{185}{\CYRISHRT}
1050 \DeclareInputText{186}{\CYRK}
1051 \DeclareInputText{187}{\CYRL}
1052 \DeclareInputText{188}{\CYRM}
1053 \DeclareInputText{189}{\CYRN}
1054 \DeclareInputText{190}{\CYRO}
1055 \DeclareInputText{191}{\CYRP}
1056 \DeclareInputText{192}{\CYRR}
1057 \DeclareInputText{193}{\CYRS}
1058 \DeclareInputText{194}{\CYRT}
1059 \DeclareInputText{195}{\CYRU}
1060 \DeclareInputText{196}{\CYRF}
1061 \DeclareInputText{197}{\CYRH}
1062 \DeclareInputText{198}{\CYRC}
1063 \DeclareInputText{199}{\CYRCH}
1064 \DeclareInputText{200}{\CYRSH}
1065 \DeclareInputText{201}{\CYRSHCH}
1066 \DeclareInputText{202}{\CYRHRDSN}
1067 \DeclareInputText{203}{\CYRERY}
1068 \DeclareInputText{204}{\CYRSFTSN}
1069 \DeclareInputText{205}{\CYREREV}
1070 \DeclareInputText{206}{\CYRYU}
1071 \DeclareInputText{207}{\CYRYA}
1072 \DeclareInputText{208}{\cyra}
1073 \DeclareInputText{209}{\cyrb}
1074 \DeclareInputText{210}{\cyrv}
1075 \DeclareInputText{211}{\cyrg}
1076 \DeclareInputText{212}{\cyrd}
1077 \DeclareInputText{213}{\cyre}
1078 \DeclareInputText{214}{\cyrzh}
1079 \DeclareInputText{215}{\cyrz}
1080 \DeclareInputText{216}{\cyr i}
1081 \DeclareInputText{217}{\cyrishrt}
1082 \DeclareInputText{218}{\cyrk}
1083 \DeclareInputText{219}{\cyrl}
1084 \DeclareInputText{220}{\cyrm}
1085 \DeclareInputText{221}{\cyrn}
1086 \DeclareInputText{222}{\cyro}

```

```

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

```

## 2.5.8 Encoding iso-8859-8

```

1122 <*iso - 8859 - 8>
1123 \ProvidesFile{x-iso-8859-8.def}%
1124 [2009/08/13 v1.4 Input encoding iso-8859-8 (inputenx)]%
1125 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1126 \makeatletter
1127 \ProvideTextCommandDefault{\textasciicute}{%
1128   \@tabacckludge'}%
1129 }
1130 \ProvideTextCommandDefault{\textasciidieresis}{%
1131   \"}%
1132 }
1133 \ProvideTextCommandDefault{\textasciimacron}{%
1134   \@tabacckludge=}%
1135 }
1136 \ProvideTextCommandDefault{\textbrokenbar}{%
1137   \TextSymbolUnavailable\textbrokenbar}
1138 }
1139 \ProvideTextCommandDefault{\textcent}{%
1140   \TextSymbolUnavailable\textcent}
1141 }
1142 \ProvideTextCommandDefault{\textcurrency}{%
1143   \TextSymbolUnavailable\textcurrency}
1144 }
1145 \ProvideTextCommandDefault{\textdblowlowline}{%
1146   \beginngroup
1147     \sbox0{\textunderscore}%

```

```

1148 \leavevmode
1149 \ifdim\dp0<.2ex\relax
1150 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
1151 \else
1152 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
1153 \fi
1154 \textunderscore
1155 \endgroup
1156 }
1157 \ProvideTextCommandDefault{\textdegree}{%
1158 \ensuremath{{}^{\circ}}}%
1159 }
1160 \ProvideTextCommandDefault{\textdiv}{%
1161 \TextSymbolUnavailable\textdiv
1162 }
1163 \ProvideTextCommandDefault{\textlnot}{%
1164 \ensuremath{\lnot}
1165 }
1166 \ProvideTextCommandDefault{\textmu}{%
1167 \ensuremath{\mu}
1168 }
1169 \ProvideTextCommandDefault{\textonehalf}{%
1170 \ensuremath{\frac{1}{2}}%
1171 }
1172 \ProvideTextCommandDefault{\textonequarter}{%
1173 \ensuremath{\frac{1}{4}}%
1174 }
1175 \ProvideTextCommandDefault{\textonesuperior}{%
1176 \ensuremath{{}^1}%
1177 }
1178 \ProvideTextCommandDefault{\textpm}{%
1179 \ensuremath{\pm}
1180 }
1181 \ProvideTextCommandDefault{\textthreequarters}{%
1182 \ensuremath{\frac{3}{4}}%
1183 }
1184 \ProvideTextCommandDefault{\textthreesuperior}{%
1185 \ensuremath{{}^3}%
1186 }
1187 \ProvideTextCommandDefault{\texttimes}{%
1188 \ensuremath{\times}
1189 }
1190 \ProvideTextCommandDefault{\texttwosuperior}{%
1191 \ensuremath{{}^2}}%
1192 }
1193 \ProvideTextCommandDefault{\textyen}{%
1194 \TextSymbolUnavailable\textyen
1195 }
1196 \DeclareInputText{160}{\nobreakspace}
1197 \DeclareInputText{162}{\textcent}
1198 \DeclareInputText{163}{\textsterling}
1199 \DeclareInputText{164}{\textcurrency}
1200 \DeclareInputText{165}{\textyen}
1201 \DeclareInputText{166}{\textbrokenbar}
1202 \DeclareInputText{167}{\textsection}
1203 \DeclareInputText{168}{\textasciidieresis}
1204 \DeclareInputText{169}{\textcopyright}
1205 \DeclareInputText{170}{\texttimes}
1206 \DeclareInputText{171}{\guillemotleft}
1207 \DeclareInputText{172}{\textlnot}
1208 \DeclareInputText{173}{\textasciicaron}
1209 \DeclareInputText{174}{\textregistered}

```



```

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

```

### 2.5.9 Encoding iso-8859-9

```

1256 <*iso - 8859 - 9>
1257 \ProvidesFile{x-iso-8859-9.def}%
1258 [2009/08/13 v1.4 Input encoding iso-8859-9 (inputenx)]%
1259 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1260 \makeatletter
1261 \ProvideTextCommandDefault{\textasciiacute}{%
1262   \@tabacckludge'}{%
1263 }
1264 \ProvideTextCommandDefault{\textasciidieresis}{%
1265   \"}{%
1266 }
1267 \ProvideTextCommandDefault{\textasciimacron}{%
1268   \@tabacckludge=}{%
1269 }
1270 \ProvideTextCommandDefault{\textbrokenbar}{%

```

```

1271 \TextSymbolUnavailable\textbrokenbar
1272 }
1273 \ProvideTextCommandDefault{\textcent}{%
1274 \TextSymbolUnavailable\textcent
1275 }
1276 \ProvideTextCommandDefault{\textcurrency}{%
1277 \TextSymbolUnavailable\textcurrency
1278 }
1279 \ProvideTextCommandDefault{\textdegree}{%
1280 \ensuremath{{}^{\circ}}%
1281 }
1282 \ProvideTextCommandDefault{\textdiv}{%
1283 \TextSymbolUnavailable\textdiv
1284 }
1285 \ProvideTextCommandDefault{\textlnot}{%
1286 \ensuremath{\lnot}
1287 }
1288 \ProvideTextCommandDefault{\textmu}{%
1289 \ensuremath{\mu}
1290 }
1291 \ProvideTextCommandDefault{\textonehalf}{%
1292 \ensuremath{\frac{1}{2}}%
1293 }
1294 \ProvideTextCommandDefault{\textonequarter}{%
1295 \ensuremath{\frac{1}{4}}%
1296 }
1297 \ProvideTextCommandDefault{\textonesuperior}{%
1298 \ensuremath{{}^1}%
1299 }
1300 \ProvideTextCommandDefault{\textpm}{%
1301 \ensuremath{\pm}
1302 }
1303 \ProvideTextCommandDefault{\textthreequarters}{%
1304 \ensuremath{\frac{3}{4}}%
1305 }
1306 \ProvideTextCommandDefault{\textthreesuperior}{%
1307 \ensuremath{{}^3}%
1308 }
1309 \ProvideTextCommandDefault{\texttimes}{%
1310 \ensuremath{\times}
1311 }
1312 \ProvideTextCommandDefault{\texttwosuperior}{%
1313 \ensuremath{{}^2}%
1314 }
1315 \ProvideTextCommandDefault{\textyen}{%
1316 \TextSymbolUnavailable\textyen
1317 }
1318 \DeclareInputText{160}{\nobreakspace}
1319 \DeclareInputText{161}{\textexclamdown}
1320 \DeclareInputText{162}{\textcent}
1321 \DeclareInputText{163}{\textsterling}
1322 \DeclareInputText{164}{\textcurrency}
1323 \DeclareInputText{165}{\textyen}
1324 \DeclareInputText{166}{\textbrokenbar}
1325 \DeclareInputText{167}{\textsection}
1326 \DeclareInputText{168}{\textasciidieresis}
1327 \DeclareInputText{169}{\textcopyright}
1328 \DeclareInputText{170}{\textordfeminine}
1329 \DeclareInputText{171}{\guillemotleft}
1330 \DeclareInputText{172}{\textlnot}
1331 \DeclareInputText{173}{\neg}
1332 \DeclareInputText{174}{\textregistered}

```

```

1333 \DeclareInputText{175}{\textasciimacron}
1334 \DeclareInputText{176}{\textdegree}
1335 \DeclareInputText{177}{\textpm}
1336 \DeclareInputText{178}{\texttwosuperior}
1337 \DeclareInputText{179}{\textthreesuperior}
1338 \DeclareInputText{180}{\textasciicute}
1339 \DeclareInputText{181}{\textmu}
1340 \DeclareInputText{182}{\textparagraph}
1341 \DeclareInputText{183}{\textperiodcentered}
1342 \DeclareInputText{184}{\c\ }
1343 \DeclareInputText{185}{\textonesuperior}
1344 \DeclareInputText{186}{\textordmasculine}
1345 \DeclareInputText{187}{\guillemotright}
1346 \DeclareInputText{188}{\textonequarter}
1347 \DeclareInputText{189}{\textonehalf}
1348 \DeclareInputText{190}{\textthreequarters}
1349 \DeclareInputText{191}{\textquestiondown}
1350 \DeclareInputText{192}{\@tabacckludge'A}
1351 \DeclareInputText{193}{\@tabacckludge'A}
1352 \DeclareInputText{194}{\^A}
1353 \DeclareInputText{195}{\~A}
1354 \DeclareInputText{196}{\"A}
1355 \DeclareInputText{197}{\r A}
1356 \DeclareInputText{198}{\AE}
1357 \DeclareInputText{199}{\c C}
1358 \DeclareInputText{200}{\@tabacckludge'E}
1359 \DeclareInputText{201}{\@tabacckludge'E}
1360 \DeclareInputText{202}{\^E}
1361 \DeclareInputText{203}{\"E}
1362 \DeclareInputText{204}{\@tabacckludge'I}
1363 \DeclareInputText{205}{\@tabacckludge'I}
1364 \DeclareInputText{206}{\^I}
1365 \DeclareInputText{207}{\"I}
1366 \DeclareInputText{208}{\u G}
1367 \DeclareInputText{209}{\^N}
1368 \DeclareInputText{210}{\@tabacckludge'O}
1369 \DeclareInputText{211}{\@tabacckludge'O}
1370 \DeclareInputText{212}{\^O}
1371 \DeclareInputText{213}{\"O}
1372 \DeclareInputText{214}{\"O}
1373 \DeclareInputText{215}{\texttimes}
1374 \DeclareInputText{216}{\O}
1375 \DeclareInputText{217}{\@tabacckludge'U}
1376 \DeclareInputText{218}{\@tabacckludge'U}
1377 \DeclareInputText{219}{\^U}
1378 \DeclareInputText{220}{\"U}
1379 \DeclareInputText{221}{\ .I}
1380 \DeclareInputText{222}{\c S}
1381 \DeclareInputText{223}{\ss}
1382 \DeclareInputText{224}{\@tabacckludge'a}
1383 \DeclareInputText{225}{\@tabacckludge'a}
1384 \DeclareInputText{226}{\^a}
1385 \DeclareInputText{227}{\~a}
1386 \DeclareInputText{228}{\"a}
1387 \DeclareInputText{229}{\r a}
1388 \DeclareInputText{230}{\ae}
1389 \DeclareInputText{231}{\c c}
1390 \DeclareInputText{232}{\@tabacckludge'e}
1391 \DeclareInputText{233}{\@tabacckludge'e}
1392 \DeclareInputText{234}{\^e}
1393 \DeclareInputText{235}{\"e}
1394 \DeclareInputText{236}{\@tabacckludge'i}

```

```

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

```

## 2.5.10 Encoding iso-8859-10

```

1416 <*iso - 8859 - 10>
1417 \ProvidesFile{x-iso-8859-10.def}%
1418 [2009/08/13 v1.4 Input encoding iso-8859-10 (inputenx)]%
1419 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1420 \makeatletter
1421 \ProvideTextCommandDefault{\textTstroke}{%
1422 \TextSymbolUnavailable\textTstroke
1423 }
1424 \ProvideTextCommandDefault{\textdegree}{%
1425 \ensuremath{\^{\circ}}%
1426 }
1427 \ProvideTextCommandDefault{\texthorizontalbar}{%
1428 \mbox{---}\kern-.5em---%
1429 }
1430 \ProvideTextCommandDefault{\textkra}{%
1431 \TextSymbolUnavailable\textkra
1432 }
1433 \ProvideTextCommandDefault{\texttstroke}{%
1434 \TextSymbolUnavailable\texttstroke
1435 }
1436 \DeclareInputText{160}{\nobreakspace}
1437 \DeclareInputText{161}{\k A}
1438 \DeclareInputText{162}{\@tabacckludge=E}
1439 \DeclareInputText{163}{\c G}
1440 \DeclareInputText{164}{\@tabacckludge=I}
1441 \DeclareInputText{165}{\^I}
1442 \DeclareInputText{166}{\c K}
1443 \DeclareInputText{167}{\textsection}
1444 \DeclareInputText{168}{\c L}
1445 \DeclareInputText{169}{\DJ}
1446 \DeclareInputText{170}{\v S}
1447 \DeclareInputText{171}{\textTstroke}
1448 \DeclareInputText{172}{\v Z}
1449 \DeclareInputText{173}{\^-}
1450 \DeclareInputText{174}{\@tabacckludge=U}
1451 \DeclareInputText{175}{\NG}
1452 \DeclareInputText{176}{\textdegree}
1453 \DeclareInputText{177}{\k a}
1454 \DeclareInputText{178}{\@tabacckludge=e}
1455 \DeclareInputText{179}{\v g}

```

```

1456 \DeclareInputText{180}{\@tabacckludge=\i}
1457 \DeclareInputText{181}{\~\i}
1458 \DeclareInputText{182}{\c k}
1459 \DeclareInputText{183}{\textperiodcentered}
1460 \DeclareInputText{184}{\c l}
1461 \DeclareInputText{185}{\dj}
1462 \DeclareInputText{186}{\v s}
1463 \DeclareInputText{187}{\texttstroke}
1464 \DeclareInputText{188}{\v z}
1465 \DeclareInputText{189}{\texthorizontalbar}
1466 \DeclareInputText{190}{\@tabacckludge=u}
1467 \DeclareInputText{191}{\ng}
1468 \DeclareInputText{192}{\@tabacckludge=A}
1469 \DeclareInputText{193}{\@tabacckludge'A}
1470 \DeclareInputText{194}{\^A}
1471 \DeclareInputText{195}{\^A}
1472 \DeclareInputText{196}{\ "A}
1473 \DeclareInputText{197}{\r A}
1474 \DeclareInputText{198}{\AE}
1475 \DeclareInputText{199}{\k I}
1476 \DeclareInputText{200}{\v C}
1477 \DeclareInputText{201}{\@tabacckludge'E}
1478 \DeclareInputText{202}{\k E}
1479 \DeclareInputText{203}{\ "E}
1480 \DeclareInputText{204}{\ .E}
1481 \DeclareInputText{205}{\@tabacckludge'I}
1482 \DeclareInputText{206}{\^I}
1483 \DeclareInputText{207}{\ "I}
1484 \DeclareInputText{208}{\DH}
1485 \DeclareInputText{209}{\c N}
1486 \DeclareInputText{210}{\@tabacckludge=0}
1487 \DeclareInputText{211}{\@tabacckludge'O}
1488 \DeclareInputText{212}{\^0}
1489 \DeclareInputText{213}{\^0}
1490 \DeclareInputText{214}{\ "0}
1491 \DeclareInputText{215}{\^U}
1492 \DeclareInputText{216}{\ 0}
1493 \DeclareInputText{217}{\k U}
1494 \DeclareInputText{218}{\@tabacckludge'U}
1495 \DeclareInputText{219}{\^U}
1496 \DeclareInputText{220}{\ "U}
1497 \DeclareInputText{221}{\@tabacckludge'Y}
1498 \DeclareInputText{222}{\TH}
1499 \DeclareInputText{223}{\ss}
1500 \DeclareInputText{224}{\@tabacckludge=a}
1501 \DeclareInputText{225}{\@tabacckludge'a}
1502 \DeclareInputText{226}{\^a}
1503 \DeclareInputText{227}{\^a}
1504 \DeclareInputText{228}{\ "a}
1505 \DeclareInputText{229}{\r a}
1506 \DeclareInputText{230}{\ae}
1507 \DeclareInputText{231}{\k i}
1508 \DeclareInputText{232}{\v c}
1509 \DeclareInputText{233}{\@tabacckludge'e}
1510 \DeclareInputText{234}{\k e}
1511 \DeclareInputText{235}{\ "e}
1512 \DeclareInputText{236}{\ .e}
1513 \DeclareInputText{237}{\@tabacckludge'i}
1514 \DeclareInputText{238}{\^i}
1515 \DeclareInputText{239}{\ "i}
1516 \DeclareInputText{240}{\dh}
1517 \DeclareInputText{241}{\c n}

```

```

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

```

### 2.5.11 Encoding iso-8859-13

```

1534 <*iso - 8859 - 13>
1535 \ProvidesFile{x-iso-8859-13.def}%
1536 [2009/08/13 v1.4 Input encoding iso-8859-13 (inputenx)]%
1537 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1538 \makeatletter
1539 \ProvideTextCommandDefault{\textbrokenbar}{%
1540   \TextSymbolUnavailable\textbrokenbar
1541 }
1542 \ProvideTextCommandDefault{\textcent}{%
1543   \TextSymbolUnavailable\textcent
1544 }
1545 \ProvideTextCommandDefault{\textcurrency}{%
1546   \TextSymbolUnavailable\textcurrency
1547 }
1548 \ProvideTextCommandDefault{\textdegree}{%
1549   \ensuremath{{}^{\circ}}%
1550 }
1551 \ProvideTextCommandDefault{\textdiv}{%
1552   \TextSymbolUnavailable\textdiv
1553 }
1554 \ProvideTextCommandDefault{\textlnot}{%
1555   \ensuremath{\lnot}
1556 }
1557 \ProvideTextCommandDefault{\textmu}{%
1558   \ensuremath{\mu}
1559 }
1560 \ProvideTextCommandDefault{\textonehalf}{%
1561   \ensuremath{\frac{1}{2}}%
1562 }
1563 \ProvideTextCommandDefault{\textonequarter}{%
1564   \ensuremath{\frac{1}{4}}%
1565 }
1566 \ProvideTextCommandDefault{\textonesuperior}{%
1567   \ensuremath{{}^1}%
1568 }
1569 \ProvideTextCommandDefault{\textpm}{%
1570   \ensuremath{\pm}
1571 }
1572 \ProvideTextCommandDefault{\textthreequarters}{%
1573   \ensuremath{\frac{3}{4}}%
1574 }
1575 \ProvideTextCommandDefault{\textthreesuperior}{%
1576   \ensuremath{{}^3}%
1577 }
1578 \ProvideTextCommandDefault{\texttimes}{%

```

```

1579 \ensuremath\times
1580 }
1581 \ProvideTextCommandDefault{\texttwosuperior}{\%
1582 \ensuremath{{}^2}}\%
1583 }
1584 \DeclareInputText{160}{\nobreakspace}
1585 \DeclareInputText{161}{\textquotedblright}
1586 \DeclareInputText{162}{\textcent}
1587 \DeclareInputText{163}{\textsterling}
1588 \DeclareInputText{164}{\textcurrency}
1589 \DeclareInputText{165}{\quotedblbase}
1590 \DeclareInputText{166}{\textbrokenbar}
1591 \DeclareInputText{167}{\textsection}
1592 \DeclareInputText{168}{\0}
1593 \DeclareInputText{169}{\textcopyright}
1594 \DeclareInputText{170}{\c R}
1595 \DeclareInputText{171}{\guillemotleft}
1596 \DeclareInputText{172}{\textlnot}
1597 \DeclareInputText{173}{\textasciitilde}
1598 \DeclareInputText{174}{\textregistered}
1599 \DeclareInputText{175}{\AE}
1600 \DeclareInputText{176}{\textdegree}
1601 \DeclareInputText{177}{\textpm}
1602 \DeclareInputText{178}{\texttwosuperior}
1603 \DeclareInputText{179}{\textthreesuperior}
1604 \DeclareInputText{180}{\textquotedblleft}
1605 \DeclareInputText{181}{\textmu}
1606 \DeclareInputText{182}{\textparagraph}
1607 \DeclareInputText{183}{\textperiodcentered}
1608 \DeclareInputText{184}{\0}
1609 \DeclareInputText{185}{\textonesuperior}
1610 \DeclareInputText{186}{\c r}
1611 \DeclareInputText{187}{\guillemotright}
1612 \DeclareInputText{188}{\textonequarter}
1613 \DeclareInputText{189}{\textonehalf}
1614 \DeclareInputText{190}{\textthreequarters}
1615 \DeclareInputText{191}{\ae}
1616 \DeclareInputText{192}{\k A}
1617 \DeclareInputText{193}{\k I}
1618 \DeclareInputText{194}{\@tabacckludge=A}
1619 \DeclareInputText{195}{\@tabacckludge'C}
1620 \DeclareInputText{196}{\textasciicircum A}
1621 \DeclareInputText{197}{\r A}
1622 \DeclareInputText{198}{\k E}
1623 \DeclareInputText{199}{\@tabacckludge=E}
1624 \DeclareInputText{200}{\v C}
1625 \DeclareInputText{201}{\@tabacckludge'E}
1626 \DeclareInputText{202}{\@tabacckludge'Z}
1627 \DeclareInputText{203}{\textasciicircum E}
1628 \DeclareInputText{204}{\c G}
1629 \DeclareInputText{205}{\c K}
1630 \DeclareInputText{206}{\@tabacckludge=I}
1631 \DeclareInputText{207}{\c L}
1632 \DeclareInputText{208}{\v S}
1633 \DeclareInputText{209}{\@tabacckludge'N}
1634 \DeclareInputText{210}{\c N}
1635 \DeclareInputText{211}{\@tabacckludge'O}
1636 \DeclareInputText{212}{\@tabacckludge=O}
1637 \DeclareInputText{213}{\textasciicircum O}
1638 \DeclareInputText{214}{\textasciicircum 0}
1639 \DeclareInputText{215}{\texttimes}
1640 \DeclareInputText{216}{\k U}

```

```

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

```

## 2.5.12 Encoding iso-8859-14

```

1682 <*iso – 8859 – 14>
1683 \ProvidesFile{x-iso-8859-14.def}%
1684 [2009/08/13 v1.4 Input encoding iso-8859-14 (inputenx)]%
1685 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1686 \makeatletter
1687 \DeclareInputText{160}{\nobreakspace}
1688 \DeclareInputText{161}{\ .B}
1689 \DeclareInputText{162}{\ .b}
1690 \DeclareInputText{163}{\textsterling}
1691 \DeclareInputText{164}{\ .C}
1692 \DeclareInputText{165}{\ .c}
1693 \DeclareInputText{166}{\ .D}
1694 \DeclareInputText{167}{\textsection}
1695 \DeclareInputText{168}{\@tabacckludge'W}
1696 \DeclareInputText{169}{\textcopyright}
1697 \DeclareInputText{170}{\@tabacckludge'W}
1698 \DeclareInputText{171}{\ .d}
1699 \DeclareInputText{172}{\@tabacckludge'Y}
1700 \DeclareInputText{173}{\ -}
1701 \DeclareInputText{174}{\textregistered}

```



```

1702 \DeclareInputText{175}{\ "Y}
1703 \DeclareInputText{176}{\ .F}
1704 \DeclareInputText{177}{\ .f}
1705 \DeclareInputText{178}{\ .G}
1706 \DeclareInputText{179}{\ .g}
1707 \DeclareInputText{180}{\ .M}
1708 \DeclareInputText{181}{\ .m}
1709 \DeclareInputText{182}{\textparagraph}
1710 \DeclareInputText{183}{\ .P}
1711 \DeclareInputText{184}{\@tabacckludge'w}
1712 \DeclareInputText{185}{\ .p}
1713 \DeclareInputText{186}{\@tabacckludge'w}
1714 \DeclareInputText{187}{\ .S}
1715 \DeclareInputText{188}{\@tabacckludge'y}
1716 \DeclareInputText{189}{\ "W}
1717 \DeclareInputText{190}{\ "w}
1718 \DeclareInputText{191}{\ .s}
1719 \DeclareInputText{192}{\@tabacckludge'A}
1720 \DeclareInputText{193}{\@tabacckludge'A}
1721 \DeclareInputText{194}{\ ^A}
1722 \DeclareInputText{195}{\ ^A}
1723 \DeclareInputText{196}{\ "A}
1724 \DeclareInputText{197}{\r A}
1725 \DeclareInputText{198}{\AE}
1726 \DeclareInputText{199}{\c C}
1727 \DeclareInputText{200}{\@tabacckludge'E}
1728 \DeclareInputText{201}{\@tabacckludge'E}
1729 \DeclareInputText{202}{\ ^E}
1730 \DeclareInputText{203}{\ "E}
1731 \DeclareInputText{204}{\@tabacckludge'I}
1732 \DeclareInputText{205}{\@tabacckludge'I}
1733 \DeclareInputText{206}{\ ^I}
1734 \DeclareInputText{207}{\ "I}
1735 \DeclareInputText{208}{\ ^W}
1736 \DeclareInputText{209}{\ ^N}
1737 \DeclareInputText{210}{\@tabacckludge'O}
1738 \DeclareInputText{211}{\@tabacckludge'O}
1739 \DeclareInputText{212}{\ ^O}
1740 \DeclareInputText{213}{\ ^O}
1741 \DeclareInputText{214}{\ "O}
1742 \DeclareInputText{215}{\ .T}
1743 \DeclareInputText{216}{\ O}
1744 \DeclareInputText{217}{\@tabacckludge'U}
1745 \DeclareInputText{218}{\@tabacckludge'U}
1746 \DeclareInputText{219}{\ ^U}
1747 \DeclareInputText{220}{\ "U}
1748 \DeclareInputText{221}{\@tabacckludge'Y}
1749 \DeclareInputText{222}{\ ^Y}
1750 \DeclareInputText{223}{\ss}
1751 \DeclareInputText{224}{\@tabacckludge'a}
1752 \DeclareInputText{225}{\@tabacckludge'a}
1753 \DeclareInputText{226}{\ ^a}
1754 \DeclareInputText{227}{\ ^a}
1755 \DeclareInputText{228}{\ "a}
1756 \DeclareInputText{229}{\r a}
1757 \DeclareInputText{230}{\ae}
1758 \DeclareInputText{231}{\c c}
1759 \DeclareInputText{232}{\@tabacckludge'e}
1760 \DeclareInputText{233}{\@tabacckludge'e}
1761 \DeclareInputText{234}{\ ^e}
1762 \DeclareInputText{235}{\ "e}
1763 \DeclareInputText{236}{\@tabacckludge'i}

```

```

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

```

### 2.5.13 Encoding iso-8859-15

```

1785 <*iso - 8859 - 15>
1786 \ProvidesFile{x-iso-8859-15.def}%
1787 [2009/08/13 v1.4 Input encoding iso-8859-15 (inputenx)]%
1788 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1789 \makeatletter
1790 \ProvideTextCommandDefault{\textasciimacron}{%
1791   \@tabacckludge={}%
1792 }
1793 \ProvideTextCommandDefault{\textcent}{%
1794   \TextSymbolUnavailable\textcent
1795 }
1796 \ProvideTextCommandDefault{\textdegree}{%
1797   \ensuremath{{}^{\circ}}%
1798 }
1799 \ProvideTextCommandDefault{\textdiv}{%
1800   \TextSymbolUnavailable\textdiv
1801 }
1802 \ProvideTextCommandDefault{\texteuro}{%
1803   \TextSymbolUnavailable\texteuro
1804 }
1805 \ProvideTextCommandDefault{\textlnot}{%
1806   \ensuremath{\lnot}
1807 }
1808 \ProvideTextCommandDefault{\textmu}{%
1809   \ensuremath{\mu}
1810 }
1811 \ProvideTextCommandDefault{\tonesuperior}{%
1812   \ensuremath{{}^1}%
1813 }
1814 \ProvideTextCommandDefault{\textpm}{%
1815   \ensuremath{\pm}
1816 }
1817 \ProvideTextCommandDefault{\textthreesuperior}{%
1818   \ensuremath{{}^3}%
1819 }
1820 \ProvideTextCommandDefault{\texttimes}{%
1821   \ensuremath{\times}
1822 }
1823 \ProvideTextCommandDefault{\texttwosuperior}{%
1824   \ensuremath{{}^2}%

```

```

1825 }
1826 \ProvideTextCommandDefault{\textyen}{%
1827   \TextSymbolUnavailable\textyen
1828 }
1829 \DeclareInputText{160}{\nobreakspace}
1830 \DeclareInputText{161}{\textexclamdown}
1831 \DeclareInputText{162}{\textcent}
1832 \DeclareInputText{163}{\textsterling}
1833 \DeclareInputText{164}{\texteuro}
1834 \DeclareInputText{165}{\textyen}
1835 \DeclareInputText{166}{\v S}
1836 \DeclareInputText{167}{\textsection}
1837 \DeclareInputText{168}{\v s}
1838 \DeclareInputText{169}{\textcopyright}
1839 \DeclareInputText{170}{\textordfeminine}
1840 \DeclareInputText{171}{\guillemotleft}
1841 \DeclareInputText{172}{\textlnot}
1842 \DeclareInputText{173}{\textasciicircum}
1843 \DeclareInputText{174}{\textregistered}
1844 \DeclareInputText{175}{\textasciimacron}
1845 \DeclareInputText{176}{\textdegree}
1846 \DeclareInputText{177}{\textpm}
1847 \DeclareInputText{178}{\texttwosuperior}
1848 \DeclareInputText{179}{\textthreesuperior}
1849 \DeclareInputText{180}{\v Z}
1850 \DeclareInputText{181}{\textmu}
1851 \DeclareInputText{182}{\textparagraph}
1852 \DeclareInputText{183}{\textperiodcentered}
1853 \DeclareInputText{184}{\v z}
1854 \DeclareInputText{185}{\textonesuperior}
1855 \DeclareInputText{186}{\textordmasculine}
1856 \DeclareInputText{187}{\guillemotright}
1857 \DeclareInputText{188}{\OE}
1858 \DeclareInputText{189}{\oe}
1859 \DeclareInputText{190}{\Y}
1860 \DeclareInputText{191}{\textquestiondown}
1861 \DeclareInputText{192}{\@tabacckludge'A}
1862 \DeclareInputText{193}{\@tabacckludge'A}
1863 \DeclareInputText{194}{\^A}
1864 \DeclareInputText{195}{\^A}
1865 \DeclareInputText{196}{\^A}
1866 \DeclareInputText{197}{\r A}
1867 \DeclareInputText{198}{\AE}
1868 \DeclareInputText{199}{\c C}
1869 \DeclareInputText{200}{\@tabacckludge'E}
1870 \DeclareInputText{201}{\@tabacckludge'E}
1871 \DeclareInputText{202}{\^E}
1872 \DeclareInputText{203}{\^E}
1873 \DeclareInputText{204}{\@tabacckludge'I}
1874 \DeclareInputText{205}{\@tabacckludge'I}
1875 \DeclareInputText{206}{\^I}
1876 \DeclareInputText{207}{\^I}
1877 \DeclareInputText{208}{\DH}
1878 \DeclareInputText{209}{\^N}
1879 \DeclareInputText{210}{\@tabacckludge'O}
1880 \DeclareInputText{211}{\@tabacckludge'O}
1881 \DeclareInputText{212}{\^O}
1882 \DeclareInputText{213}{\^O}
1883 \DeclareInputText{214}{\^O}
1884 \DeclareInputText{215}{\texttimes}
1885 \DeclareInputText{216}{\O}
1886 \DeclareInputText{217}{\@tabacckludge'U}

```

```

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

```

#### 2.5.14 Encoding iso-8859-16

```

1927 <*iso - 8859 - 16>
1928 \ProvidesFile{x-iso-8859-16.def}%
1929 [2009/08/13 v1.4 Input encoding iso-8859-16 (inputenx)]%
1930 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1931 \makeatletter
1932 \ProvideTextCommandDefault{\textcommabelow}[1]{%
1933   \hmode\bgroup
1934     \oalign{%
1935       \null#1\crcr
1936       \hidewidth
1937       \raise-.31ex\hbox{%
1938         \check@mathfonts
1939         \fontsize\ssf@size\z@
1940         \math@fontsfalse\selectfont,%
1941       }%
1942     \hidewidth
1943   }%
1944   \egroup
1945 }
1946 \ProvideTextCommandDefault{\textdegree}{%
1947   \ensuremath{\^{\circ}}%

```

```

1948 }
1949 \ProvideTextCommandDefault{\texteuro}{%
1950   \TextSymbolUnavailable\texteuro
1951 }
1952 \ProvideTextCommandDefault{\textpm}{%
1953   \ensuremath\pm
1954 }
1955 \DeclareInputText{160}{\nobreakspace}
1956 \DeclareInputText{161}{\k A}
1957 \DeclareInputText{162}{\k a}
1958 \DeclareInputText{163}{\L}
1959 \DeclareInputText{164}{\texteuro}
1960 \DeclareInputText{165}{\quotedblbase}
1961 \DeclareInputText{166}{\v S}
1962 \DeclareInputText{167}{\textsection}
1963 \DeclareInputText{168}{\v s}
1964 \DeclareInputText{169}{\textcopyright}
1965 \DeclareInputText{170}{\textcommabelow S}
1966 \DeclareInputText{171}{\guillemotleft}
1967 \DeclareInputText{172}{\@tabacckludge'Z}
1968 \DeclareInputText{173}{\~}
1969 \DeclareInputText{174}{\@tabacckludge'z}
1970 \DeclareInputText{175}{\Z}
1971 \DeclareInputText{176}{\textdegree}
1972 \DeclareInputText{177}{\textpm}
1973 \DeclareInputText{178}{\v C}
1974 \DeclareInputText{179}{\l}
1975 \DeclareInputText{180}{\v Z}
1976 \DeclareInputText{181}{\textquotedblright}
1977 \DeclareInputText{182}{\textparagraph}
1978 \DeclareInputText{183}{\textperiodcentered}
1979 \DeclareInputText{184}{\v z}
1980 \DeclareInputText{185}{\v c}
1981 \DeclareInputText{186}{\textcommabelow s}
1982 \DeclareInputText{187}{\guillemotright}
1983 \DeclareInputText{188}{\OE}
1984 \DeclareInputText{189}{\oe}
1985 \DeclareInputText{190}{\Y}
1986 \DeclareInputText{191}{\Z}
1987 \DeclareInputText{192}{\@tabacckludge'A}
1988 \DeclareInputText{193}{\@tabacckludge'A}
1989 \DeclareInputText{194}{\^A}
1990 \DeclareInputText{195}{\u A}
1991 \DeclareInputText{196}{\A}
1992 \DeclareInputText{197}{\@tabacckludge'C}
1993 \DeclareInputText{198}{\AE}
1994 \DeclareInputText{199}{\c C}
1995 \DeclareInputText{200}{\@tabacckludge'E}
1996 \DeclareInputText{201}{\@tabacckludge'E}
1997 \DeclareInputText{202}{\^E}
1998 \DeclareInputText{203}{\E}
1999 \DeclareInputText{204}{\@tabacckludge'I}
2000 \DeclareInputText{205}{\@tabacckludge'I}
2001 \DeclareInputText{206}{\^I}
2002 \DeclareInputText{207}{\I}
2003 \DeclareInputText{208}{\DJ}
2004 \DeclareInputText{209}{\@tabacckludge'N}
2005 \DeclareInputText{210}{\@tabacckludge'O}
2006 \DeclareInputText{211}{\@tabacckludge'O}
2007 \DeclareInputText{212}{\^O}
2008 \DeclareInputText{213}{\H O}
2009 \DeclareInputText{214}{\O}

```

```

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

```

## 2.5.15 Encoding cp437

```

2053 \<*cp437>
2054 \ProvidesFile{x-cp437.def}%
2055 [2009/08/13 v1.4 Input encoding cp437 (inputenx)]%
2056 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2057 \makeatletter
2058 \ProvideTextCommandDefault{\textGamma}{%
2059   \ensuremath\Gamma
2060 }
2061 \ProvideTextCommandDefault{\textOmega}{%
2062   \ensuremath\Omega
2063 }
2064 \ProvideTextCommandDefault{\textPhi}{%
2065   \ensuremath\Phi
2066 }
2067 \ProvideTextCommandDefault{\textSigma}{%
2068   \ensuremath\Sigma
2069 }
2070 \ProvideTextCommandDefault{\textTheta}{%

```

```

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

```

```

2133 \ProvideTextCommandDefault{\textphi}{%
2134   \ensuremath{\phi}
2135 }
2136 \ProvideTextCommandDefault{\textpi}{%
2137   \ensuremath{\pi}
2138 }
2139 \ProvideTextCommandDefault{\textpm}{%
2140   \ensuremath{\pm}
2141 }
2142 \ProvideTextCommandDefault{\textrevlogicalnot}{%
2143   \begingroup
2144     \ifundefined{reflectbox}{%
2145       \TextSymbolUnavailable\textrevlogicalnot
2146     }{%
2147       \def\@revlogicalnot##1##2{%
2148         \reflectbox{$##1##2$}%
2149       }%
2150       \ensuremath{\mathpalette{\@revlogicalnot}\lnot}%
2151     }%
2152   \endgroup
2153 }
2154 \ProvideTextCommandDefault{\textsigma}{%
2155   \ensuremath{\sigma}
2156 }
2157 \ProvideTextCommandDefault{\textsurd}{%
2158   \ensuremath{\text{\text{surd}}}
2159 }
2160 \ProvideTextCommandDefault{\texttau}{%
2161   \ensuremath{\tau}
2162 }
2163 \ProvideTextCommandDefault{\texttwosuperior}{%
2164   \ensuremath{{}^2}%
2165 }
2166 \ProvideTextCommandDefault{\textyen}{%
2167   \TextSymbolUnavailable\textyen
2168 }
2169 \DeclareInputText{128}{\c C}
2170 \DeclareInputText{129}{\u}
2171 \DeclareInputText{130}{\@tabacckludge'e}
2172 \DeclareInputText{131}{\^a}
2173 \DeclareInputText{132}{\a}
2174 \DeclareInputText{133}{\@tabacckludge'a}
2175 \DeclareInputText{134}{\r a}
2176 \DeclareInputText{135}{\c c}
2177 \DeclareInputText{136}{\^e}
2178 \DeclareInputText{137}{\e}
2179 \DeclareInputText{138}{\@tabacckludge'e}
2180 \DeclareInputText{139}{\i}
2181 \DeclareInputText{140}{\^i}
2182 \DeclareInputText{141}{\@tabacckludge'i}
2183 \DeclareInputText{142}{\A}
2184 \DeclareInputText{143}{\r A}
2185 \DeclareInputText{144}{\@tabacckludge'E}
2186 \DeclareInputText{145}{\ae}
2187 \DeclareInputText{146}{\AE}
2188 \DeclareInputText{147}{\^o}
2189 \DeclareInputText{148}{\o}
2190 \DeclareInputText{149}{\@tabacckludge'o}
2191 \DeclareInputText{150}{\^u}
2192 \DeclareInputText{151}{\@tabacckludge'u}
2193 \DeclareInputText{152}{\y}
2194 \DeclareInputText{153}{\0}

```



```

2195 \DeclareInputText{154}{\ "U}
2196 \DeclareInputText{155}{\textcent}
2197 \DeclareInputText{156}{\textsterling}
2198 \DeclareInputText{157}{\textyen}
2199 \DeclareInputText{158}{\textpeseta}
2200 \DeclareInputText{159}{\textflorin}
2201 \DeclareInputText{160}{\@tabacckludge'a}
2202 \DeclareInputText{161}{\@tabacckludge'i}
2203 \DeclareInputText{162}{\@tabacckludge'o}
2204 \DeclareInputText{163}{\@tabacckludge'u}
2205 \DeclareInputText{164}{\`n}
2206 \DeclareInputText{165}{\`N}
2207 \DeclareInputText{166}{\textordfeminine}
2208 \DeclareInputText{167}{\textordmasculine}
2209 \DeclareInputText{168}{\textquestiondown}
2210 \DeclareInputText{169}{\textrevlogicalnot}
2211 \DeclareInputText{170}{\textlnot}
2212 \DeclareInputText{171}{\textonehalf}
2213 \DeclareInputText{172}{\textonequarter}
2214 \DeclareInputText{173}{\texttexclamdown}
2215 \DeclareInputText{174}{\guillemotleft}
2216 \DeclareInputText{175}{\guillemotright}
2217 \DeclareInputText{176}{\textltshade}
2218 \DeclareInputText{177}{\textshade}
2219 \DeclareInputText{178}{\textdkshade}
2220 \DeclareInputText{179}{\textSFxi}
2221 \DeclareInputText{180}{\textSFix}
2222 \DeclareInputText{181}{\textSFxix}
2223 \DeclareInputText{182}{\textSFxx}
2224 \DeclareInputText{183}{\textSFxxi}
2225 \DeclareInputText{184}{\textSFxxii}
2226 \DeclareInputText{185}{\textSFxxiii}
2227 \DeclareInputText{186}{\textSFxxiv}
2228 \DeclareInputText{187}{\textSFxxv}
2229 \DeclareInputText{188}{\textSFxxvi}
2230 \DeclareInputText{189}{\textSFxxvii}
2231 \DeclareInputText{190}{\textSFxxviii}
2232 \DeclareInputText{191}{\textSFiii}
2233 \DeclareInputText{192}{\textSFii}
2234 \DeclareInputText{193}{\textSFvii}
2235 \DeclareInputText{194}{\textSFvi}
2236 \DeclareInputText{195}{\textSFviii}
2237 \DeclareInputText{196}{\textSFx}
2238 \DeclareInputText{197}{\textSFv}
2239 \DeclareInputText{198}{\textSFxxxvi}
2240 \DeclareInputText{199}{\textSFxxxvii}
2241 \DeclareInputText{200}{\textSFxxxviii}
2242 \DeclareInputText{201}{\textSFxxxix}
2243 \DeclareInputText{202}{\textSFxl}
2244 \DeclareInputText{203}{\textSFxli}
2245 \DeclareInputText{204}{\textSFxlii}
2246 \DeclareInputText{205}{\textSFxl iii}
2247 \DeclareInputText{206}{\textSFxliv}
2248 \DeclareInputText{207}{\textSFxlv}
2249 \DeclareInputText{208}{\textSFxlvi}
2250 \DeclareInputText{209}{\textSFxl vii}
2251 \DeclareInputText{210}{\textSFxl viii}
2252 \DeclareInputText{211}{\textSFxl ix}
2253 \DeclareInputText{212}{\textSF1}
2254 \DeclareInputText{213}{\textSFli}
2255 \DeclareInputText{214}{\textSFlii}
2256 \DeclareInputText{215}{\textSFliii}

```

```

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

```

### 2.5.16 Encoding cp850

```

2297 <*cp850>
2298 \ProvidesFile{x-cp850.def}%
2299 [2009/08/13 v1.4 Input encoding cp850 (inputenx)]%
2300 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2301 \makeatletter
2302 \ProvideTextCommandDefault{\textasciicute}{%
2303   \@tabacckludge'}{%
2304 }
2305 \ProvideTextCommandDefault{\textasciidieresis}{%
2306   \"}{%
2307 }
2308 \ProvideTextCommandDefault{\textasciimacron}{%
2309   \@tabacckludge=}{%
2310 }
2311 \ProvideTextCommandDefault{\textblacksquare}{%
2312   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2313 }
2314 \ProvideTextCommandDefault{\textbrokenbar}{%
2315   \TextSymbolUnavailable\textbrokenbar
2316 }
2317 \ProvideTextCommandDefault{\textcent}{%

```

```

2318 \TextSymbolUnavailable\textcent
2319 }
2320 \ProvideTextCommandDefault{\textcurrency}{%
2321 \TextSymbolUnavailable\textcurrency
2322 }
2323 \ProvideTextCommandDefault{\textdbllooline}{%
2324 \begingroup
2325 \sbox0{\textunderscore}%
2326 \leavevmode
2327 \ifdim\dp0<.2ex\relax
2328 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2329 \else
2330 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2331 \fi
2332 \textunderscore
2333 \endgroup
2334 }
2335 \ProvideTextCommandDefault{\textdegree}{%
2336 \ensuremath{{}^\circ}}%
2337 }
2338 \ProvideTextCommandDefault{\textdiv}{%
2339 \TextSymbolUnavailable\textdiv
2340 }
2341 \ProvideTextCommandDefault{\textflorin}{%
2342 \textit{f}}%
2343 }
2344 \ProvideTextCommandDefault{\textlnot}{%
2345 \ensuremath{\nmid}
2346 }
2347 \ProvideTextCommandDefault{\textmu}{%
2348 \ensuremath{\mu}
2349 }
2350 \ProvideTextCommandDefault{\textonehalf}{%
2351 \ensuremath{\frac{1}{2}}%
2352 }
2353 \ProvideTextCommandDefault{\textonequarter}{%
2354 \ensuremath{\frac{1}{4}}%
2355 }
2356 \ProvideTextCommandDefault{\textonesuperior}{%
2357 \ensuremath{{}^1}}%
2358 }
2359 \ProvideTextCommandDefault{\textpm}{%
2360 \ensuremath{\mu\text{m}}
2361 }
2362 \ProvideTextCommandDefault{\textthreequarters}{%
2363 \ensuremath{\frac{3}{4}}%
2364 }
2365 \ProvideTextCommandDefault{\textthreesuperior}{%
2366 \ensuremath{{}^3}}%
2367 }
2368 \ProvideTextCommandDefault{\texttimes}{%
2369 \ensuremath{\times}
2370 }
2371 \ProvideTextCommandDefault{\texttwosuperior}{%
2372 \ensuremath{{}^2}}%
2373 }
2374 \ProvideTextCommandDefault{\textyen}{%
2375 \TextSymbolUnavailable\textyen
2376 }
2377 \DeclareInputText{128}{\c C}
2378 \DeclareInputText{129}{\u u}
2379 \DeclareInputText{130}{\@tabacckludge'e}

```

```

2380 \DeclareInputText{131}{\`a}
2381 \DeclareInputText{132}{\"a}
2382 \DeclareInputText{133}{\@tabacckludge`a}
2383 \DeclareInputText{134}{\r a}
2384 \DeclareInputText{135}{\c c}
2385 \DeclareInputText{136}{\`e}
2386 \DeclareInputText{137}{\"e}
2387 \DeclareInputText{138}{\@tabacckludge`e}
2388 \DeclareInputText{139}{\`i}
2389 \DeclareInputText{140}{\`i}
2390 \DeclareInputText{141}{\@tabacckludge`i}
2391 \DeclareInputText{142}{\"A}
2392 \DeclareInputText{143}{\r A}
2393 \DeclareInputText{144}{\@tabacckludge`E}
2394 \DeclareInputText{145}{\ae}
2395 \DeclareInputText{146}{\AE}
2396 \DeclareInputText{147}{\`o}
2397 \DeclareInputText{148}{\"o}
2398 \DeclareInputText{149}{\@tabacckludge`o}
2399 \DeclareInputText{150}{\`u}
2400 \DeclareInputText{151}{\@tabacckludge`u}
2401 \DeclareInputText{152}{\"y}
2402 \DeclareInputText{153}{\"O}
2403 \DeclareInputText{154}{\"U}
2404 \DeclareInputText{155}{\o}
2405 \DeclareInputText{156}{\textsterling}
2406 \DeclareInputText{157}{\0}
2407 \DeclareInputText{158}{\texttimes}
2408 \DeclareInputText{159}{\textflorin}
2409 \DeclareInputText{160}{\@tabacckludge`a}
2410 \DeclareInputText{161}{\@tabacckludge`i}
2411 \DeclareInputText{162}{\@tabacckludge`o}
2412 \DeclareInputText{163}{\@tabacckludge`u}
2413 \DeclareInputText{164}{\`n}
2414 \DeclareInputText{165}{\`N}
2415 \DeclareInputText{166}{\textordfeminine}
2416 \DeclareInputText{167}{\textordmasculine}
2417 \DeclareInputText{168}{\textquestiondown}
2418 \DeclareInputText{169}{\textregistered}
2419 \DeclareInputText{170}{\textlnot}
2420 \DeclareInputText{171}{\textonehalf}
2421 \DeclareInputText{172}{\textonequarter}
2422 \DeclareInputText{173}{\textexclamdown}
2423 \DeclareInputText{174}{\guillemotleft}
2424 \DeclareInputText{175}{\guillemotright}
2425 \DeclareInputText{176}{\textltshade}
2426 \DeclareInputText{177}{\textshade}
2427 \DeclareInputText{178}{\textdkshade}
2428 \DeclareInputText{179}{\textSFxi}
2429 \DeclareInputText{180}{\textSFix}
2430 \DeclareInputText{181}{\@tabacckludge`A}
2431 \DeclareInputText{182}{\`A}
2432 \DeclareInputText{183}{\@tabacckludge`A}
2433 \DeclareInputText{184}{\textcopyright}
2434 \DeclareInputText{185}{\textSFxxiii}
2435 \DeclareInputText{186}{\textSFxxiv}
2436 \DeclareInputText{187}{\textSFxxv}
2437 \DeclareInputText{188}{\textSFxxvi}
2438 \DeclareInputText{189}{\textcent}
2439 \DeclareInputText{190}{\textyen}
2440 \DeclareInputText{191}{\textSFiii}
2441 \DeclareInputText{192}{\textSFii}

```

```

2442 \DeclareInputText{193}{\textSFvii}
2443 \DeclareInputText{194}{\textSFvi}
2444 \DeclareInputText{195}{\textSFviii}
2445 \DeclareInputText{196}{\textSFx}
2446 \DeclareInputText{197}{\textSFv}
2447 \DeclareInputText{198}{\~a}
2448 \DeclareInputText{199}{\~A}
2449 \DeclareInputText{200}{\textSFxxxviii}
2450 \DeclareInputText{201}{\textSFxxxix}
2451 \DeclareInputText{202}{\textSFxli}
2452 \DeclareInputText{203}{\textSFxlii}
2453 \DeclareInputText{204}{\textSFxlui}
2454 \DeclareInputText{205}{\textSFxliii}
2455 \DeclareInputText{206}{\textSFxliv}
2456 \DeclareInputText{207}{\textcurrency}
2457 \DeclareInputText{208}{\dh}
2458 \DeclareInputText{209}{\DH}
2459 \DeclareInputText{210}{\~E}
2460 \DeclareInputText{211}{\~E}
2461 \DeclareInputText{212}{\@tabacckludge'E}
2462 \DeclareInputText{213}{\i}
2463 \DeclareInputText{214}{\@tabacckludge'I}
2464 \DeclareInputText{215}{\~I}
2465 \DeclareInputText{216}{\~I}
2466 \DeclareInputText{217}{\textSFiv}
2467 \DeclareInputText{218}{\textSFi}
2468 \DeclareInputText{219}{\textblock}
2469 \DeclareInputText{220}{\textdnblock}
2470 \DeclareInputText{221}{\textbrokenbar}
2471 \DeclareInputText{222}{\@tabacckludge'I}
2472 \DeclareInputText{223}{\textupblock}
2473 \DeclareInputText{224}{\@tabacckludge'O}
2474 \DeclareInputText{225}{\ss}
2475 \DeclareInputText{226}{\~O}
2476 \DeclareInputText{227}{\@tabacckludge'O}
2477 \DeclareInputText{228}{\~o}
2478 \DeclareInputText{229}{\~O}
2479 \DeclareInputText{230}{\textmu}
2480 \DeclareInputText{231}{\th}
2481 \DeclareInputText{232}{\TH}
2482 \DeclareInputText{233}{\@tabacckludge'U}
2483 \DeclareInputText{234}{\~U}
2484 \DeclareInputText{235}{\@tabacckludge'U}
2485 \DeclareInputText{236}{\@tabacckludge'y}
2486 \DeclareInputText{237}{\@tabacckludge'Y}
2487 \DeclareInputText{238}{\textasciimacron}
2488 \DeclareInputText{239}{\textasciiaacute}
2489 \DeclareInputText{240}{\~}
2490 \DeclareInputText{241}{\textpm}
2491 \DeclareInputText{242}{\textdbllowline}
2492 \DeclareInputText{243}{\textthreequarters}
2493 \DeclareInputText{244}{\textparagraph}
2494 \DeclareInputText{245}{\textsection}
2495 \DeclareInputText{246}{\textdiv}
2496 \DeclareInputText{247}{\c\ }
2497 \DeclareInputText{248}{\textdegree}
2498 \DeclareInputText{249}{\textasciidieresis}
2499 \DeclareInputText{250}{\textperiodcentered}
2500 \DeclareInputText{251}{\textonesuperior}
2501 \DeclareInputText{252}{\textthreesuperior}
2502 \DeclareInputText{253}{\texttwosuperior}
2503 \DeclareInputText{254}{\textblacksquare}

```

```

2504 \DeclareInputText{255}{\nobreakspace}
2505 \RestoreAtCatcode
2506 \</cp850>
2.5.17 Encoding cp852
2507 \<*cp852>
2508 \ProvidesFile{x-cp852.def}%
2509 [2009/08/13 v1.4 Input encoding cp852 (inputenx)]%
2510 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2511 \makeatletter
2512 \ProvideTextCommandDefault{\textacutedbl}{%
2513   \H{}}%
2514 }
2515 \ProvideTextCommandDefault{\textasciiacute}{%
2516   \@tabacckludge'{}%
2517 }
2518 \ProvideTextCommandDefault{\textasciibreve}{%
2519   \u{}}%
2520 }
2521 \ProvideTextCommandDefault{\textasciicaron}{%
2522   \v{}}%
2523 }
2524 \ProvideTextCommandDefault{\textasciidieresis}{%
2525   \">{}}%
2526 }
2527 \ProvideTextCommandDefault{\textblacksquare}{%
2528   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2529 }
2530 \ProvideTextCommandDefault{\textcurrency}{%
2531   \TextSymbolUnavailable\textcurrency
2532 }
2533 \ProvideTextCommandDefault{\textdegree}{%
2534   \ensuremath{{}^{\circ}}}%
2535 }
2536 \ProvideTextCommandDefault{\textdiv}{%
2537   \TextSymbolUnavailable\textdiv
2538 }
2539 \ProvideTextCommandDefault{\textlnot}{%
2540   \ensuremath{\lnot}
2541 }
2542 \ProvideTextCommandDefault{\texttimes}{%
2543   \ensuremath{\times}
2544 }
2545 \DeclareInputText{128}{\c C}
2546 \DeclareInputText{129}{\u}
2547 \DeclareInputText{130}{\@tabacckludge'e}
2548 \DeclareInputText{131}{\^a}
2549 \DeclareInputText{132}{\a}
2550 \DeclareInputText{133}{\r u}
2551 \DeclareInputText{134}{\@tabacckludge'c}
2552 \DeclareInputText{135}{\c c}
2553 \DeclareInputText{136}{\l}
2554 \DeclareInputText{137}{\e}
2555 \DeclareInputText{138}{\H O}
2556 \DeclareInputText{139}{\H o}
2557 \DeclareInputText{140}{\^i}
2558 \DeclareInputText{141}{\@tabacckludge'Z}
2559 \DeclareInputText{142}{\A}
2560 \DeclareInputText{143}{\@tabacckludge'C}
2561 \DeclareInputText{144}{\@tabacckludge'E}
2562 \DeclareInputText{145}{\@tabacckludge'L}
2563 \DeclareInputText{146}{\@tabacckludge'l}
2564 \DeclareInputText{147}{\^o}

```

```

2565 \DeclareInputText{148}{\o}
2566 \DeclareInputText{149}{\v L}
2567 \DeclareInputText{150}{\v l}
2568 \DeclareInputText{151}{\@tabacckludge'S}
2569 \DeclareInputText{152}{\@tabacckludge's}
2570 \DeclareInputText{153}{\0}
2571 \DeclareInputText{154}{\U}
2572 \DeclareInputText{155}{\v T}
2573 \DeclareInputText{156}{\v t}
2574 \DeclareInputText{157}{\L}
2575 \DeclareInputText{158}{\texttimes}
2576 \DeclareInputText{159}{\v c}
2577 \DeclareInputText{160}{\@tabacckludge'a}
2578 \DeclareInputText{161}{\@tabacckludge'i}
2579 \DeclareInputText{162}{\@tabacckludge'o}
2580 \DeclareInputText{163}{\@tabacckludge'u}
2581 \DeclareInputText{164}{\k A}
2582 \DeclareInputText{165}{\k a}
2583 \DeclareInputText{166}{\v Z}
2584 \DeclareInputText{167}{\v z}
2585 \DeclareInputText{168}{\k E}
2586 \DeclareInputText{169}{\k e}
2587 \DeclareInputText{170}{\textlnot}
2588 \DeclareInputText{171}{\@tabacckludge'z}
2589 \DeclareInputText{172}{\v C}
2590 \DeclareInputText{173}{\c s}
2591 \DeclareInputText{174}{\guillemotleft}
2592 \DeclareInputText{175}{\guillemotright}
2593 \DeclareInputText{176}{\textltshade}
2594 \DeclareInputText{177}{\textshade}
2595 \DeclareInputText{178}{\textdkshade}
2596 \DeclareInputText{179}{\textSFxi}
2597 \DeclareInputText{180}{\textSFxi}
2598 \DeclareInputText{181}{\@tabacckludge'A}
2599 \DeclareInputText{182}{\^A}
2600 \DeclareInputText{183}{\v E}
2601 \DeclareInputText{184}{\c S}
2602 \DeclareInputText{185}{\textSFxxiii}
2603 \DeclareInputText{186}{\textSFxxiv}
2604 \DeclareInputText{187}{\textSFxxv}
2605 \DeclareInputText{188}{\textSFxxvi}
2606 \DeclareInputText{189}{\ .Z}
2607 \DeclareInputText{190}{\ .z}
2608 \DeclareInputText{191}{\textSFiii}
2609 \DeclareInputText{192}{\textSFii}
2610 \DeclareInputText{193}{\textSFvii}
2611 \DeclareInputText{194}{\textSFvi}
2612 \DeclareInputText{195}{\textSFviii}
2613 \DeclareInputText{196}{\textSFx}
2614 \DeclareInputText{197}{\textSFv}
2615 \DeclareInputText{198}{\u A}
2616 \DeclareInputText{199}{\u a}
2617 \DeclareInputText{200}{\textSFxxxviii}
2618 \DeclareInputText{201}{\textSFxxxix}
2619 \DeclareInputText{202}{\textSFxl}
2620 \DeclareInputText{203}{\textSFxli}
2621 \DeclareInputText{204}{\textSFxlii}
2622 \DeclareInputText{205}{\textSFxl iii}
2623 \DeclareInputText{206}{\textSFxliv}
2624 \DeclareInputText{207}{\textcurrency}
2625 \DeclareInputText{208}{\dj}
2626 \DeclareInputText{209}{\DJ}

```

```

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

```

## 2.5.18 Encoding cp855

```

2675 \<cp855>
2676 \ProvidesFile{x-cp855.def}%
2677 [2009/08/13 v1.4 Input encoding cp855 (inputenx)]%
2678 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2679 \makeatletter
2680 \ProvideTextCommandDefault{\textblacksquare}{%
2681 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2682 }
2683 \ProvideTextCommandDefault{\textcurrency}{%
2684 \TextSymbolUnavailable\textcurrency
2685 }
2686 \ProvideTextCommandDefault{\textnumero}{%
2687 N%

```



```

2688 \bgroup
2689 \check@mathfonts
2690 \fontsize\sfontsize\z@
2691 \mathfontsfalse
2692 \selectfont
2693 \oalign{%
2694 \raise0.5ex\hbox{o}%
2695 \crr
2696 \hline
2697 }%
2698 \egroup
2699 }
2700 \DeclareInputText{128}{\cyrdje}
2701 \DeclareInputText{129}{\CYRDJE}
2702 \DeclareInputText{130}{\@tabacckludge'\cyrg}
2703 \DeclareInputText{131}{\@tabacckludge'\CYRG}
2704 \DeclareInputText{132}{\cyryo}
2705 \DeclareInputText{133}{\CYRYO}
2706 \DeclareInputText{134}{\cyrie}
2707 \DeclareInputText{135}{\CYRIE}
2708 \DeclareInputText{136}{\cyrdze}
2709 \DeclareInputText{137}{\CYRDZE}
2710 \DeclareInputText{138}{\cyrii}
2711 \DeclareInputText{139}{\CYRII}
2712 \DeclareInputText{140}{\cyryi}
2713 \DeclareInputText{141}{\CYRYI}
2714 \DeclareInputText{142}{\cyrje}
2715 \DeclareInputText{143}{\CYRJE}
2716 \DeclareInputText{144}{\cyrlje}
2717 \DeclareInputText{145}{\CYRLJE}
2718 \DeclareInputText{146}{\cyrnje}
2719 \DeclareInputText{147}{\CYRNJE}
2720 \DeclareInputText{148}{\cyrtshe}
2721 \DeclareInputText{149}{\CYRTSHE}
2722 \DeclareInputText{150}{\@tabacckludge'\cyrk}
2723 \DeclareInputText{151}{\@tabacckludge'\CYRK}
2724 \DeclareInputText{152}{\cyrushrt}
2725 \DeclareInputText{153}{\CYRUSHRT}
2726 \DeclareInputText{154}{\cyrdzhe}
2727 \DeclareInputText{155}{\CYRDZHE}
2728 \DeclareInputText{156}{\cyryu}
2729 \DeclareInputText{157}{\CYRYU}
2730 \DeclareInputText{158}{\cyrhrdsn}
2731 \DeclareInputText{159}{\CYRHRDSN}
2732 \DeclareInputText{160}{\cyra}
2733 \DeclareInputText{161}{\CYRA}
2734 \DeclareInputText{162}{\cyrb}
2735 \DeclareInputText{163}{\CYRB}
2736 \DeclareInputText{164}{\cyrc}
2737 \DeclareInputText{165}{\CYRC}
2738 \DeclareInputText{166}{\cyrd}
2739 \DeclareInputText{167}{\CYRD}
2740 \DeclareInputText{168}{\cyre}
2741 \DeclareInputText{169}{\CYRE}
2742 \DeclareInputText{170}{\cyrf}
2743 \DeclareInputText{171}{\CYRF}
2744 \DeclareInputText{172}{\cyrg}
2745 \DeclareInputText{173}{\CYRG}
2746 \DeclareInputText{174}{\guillemotleft}
2747 \DeclareInputText{175}{\guillemotright}
2748 \DeclareInputText{176}{\textltshade}
2749 \DeclareInputText{177}{\textshade}

```

```

2750 \DeclareInputText{178}{\textdkshade}
2751 \DeclareInputText{179}{\textSFxi}
2752 \DeclareInputText{180}{\textSFix}
2753 \DeclareInputText{181}{\cyrh}
2754 \DeclareInputText{182}{\CYRH}
2755 \DeclareInputText{183}{\cyri}
2756 \DeclareInputText{184}{\CYRI}
2757 \DeclareInputText{185}{\textSFxxiii}
2758 \DeclareInputText{186}{\textSFxxiv}
2759 \DeclareInputText{187}{\textSFxxv}
2760 \DeclareInputText{188}{\textSFxxvi}
2761 \DeclareInputText{189}{\cyrishrt}
2762 \DeclareInputText{190}{\CYRISHRT}
2763 \DeclareInputText{191}{\textSFiii}
2764 \DeclareInputText{192}{\textSFii}
2765 \DeclareInputText{193}{\textSFvii}
2766 \DeclareInputText{194}{\textSFvi}
2767 \DeclareInputText{195}{\textSFviii}
2768 \DeclareInputText{196}{\textSFx}
2769 \DeclareInputText{197}{\textSFv}
2770 \DeclareInputText{198}{\cyrk}
2771 \DeclareInputText{199}{\CYRK}
2772 \DeclareInputText{200}{\textSFxxxviii}
2773 \DeclareInputText{201}{\textSFxxxix}
2774 \DeclareInputText{202}{\textSFxl}
2775 \DeclareInputText{203}{\textSFxli}
2776 \DeclareInputText{204}{\textSFxlii}
2777 \DeclareInputText{205}{\textSFxl iii}
2778 \DeclareInputText{206}{\textSFxliv}
2779 \DeclareInputText{207}{\textcurrency}
2780 \DeclareInputText{208}{\cyr l}
2781 \DeclareInputText{209}{\CYRL}
2782 \DeclareInputText{210}{\cyr m}
2783 \DeclareInputText{211}{\CYRM}
2784 \DeclareInputText{212}{\cyr n}
2785 \DeclareInputText{213}{\CYRN}
2786 \DeclareInputText{214}{\cyr o}
2787 \DeclareInputText{215}{\CYRO}
2788 \DeclareInputText{216}{\cyr p}
2789 \DeclareInputText{217}{\textSFiv}
2790 \DeclareInputText{218}{\textSFi}
2791 \DeclareInputText{219}{\textblock}
2792 \DeclareInputText{220}{\textdnblock}
2793 \DeclareInputText{221}{\CYRP}
2794 \DeclareInputText{222}{\cyr ya}
2795 \DeclareInputText{223}{\textupblock}
2796 \DeclareInputText{224}{\CYRYA}
2797 \DeclareInputText{225}{\cyr r}
2798 \DeclareInputText{226}{\CYRR}
2799 \DeclareInputText{227}{\cyr s}
2800 \DeclareInputText{228}{\CYRS}
2801 \DeclareInputText{229}{\cyr t}
2802 \DeclareInputText{230}{\CYRT}
2803 \DeclareInputText{231}{\cyr u}
2804 \DeclareInputText{232}{\CYRU}
2805 \DeclareInputText{233}{\cyr zh}
2806 \DeclareInputText{234}{\CYRZH}
2807 \DeclareInputText{235}{\cyr v}
2808 \DeclareInputText{236}{\CYRV}
2809 \DeclareInputText{237}{\cyr sfts n}
2810 \DeclareInputText{238}{\CYRSFTSN}
2811 \DeclareInputText{239}{\textnumero}

```

```

2812 \DeclareInputText{240}{\{-}
2813 \DeclareInputText{241}{\cyrrery}
2814 \DeclareInputText{242}{\CYRERY}
2815 \DeclareInputText{243}{\cyrz}
2816 \DeclareInputText{244}{\CYRZ}
2817 \DeclareInputText{245}{\cyrsh}
2818 \DeclareInputText{246}{\CYRSH}
2819 \DeclareInputText{247}{\cyrerev}
2820 \DeclareInputText{248}{\CYREREV}
2821 \DeclareInputText{249}{\cyrshch}
2822 \DeclareInputText{250}{\CYRSHCH}
2823 \DeclareInputText{251}{\cyrch}
2824 \DeclareInputText{252}{\CYRCH}
2825 \DeclareInputText{253}{\textsection}
2826 \DeclareInputText{254}{\textblacksquare}
2827 \DeclareInputText{255}{\nobreakspace}
2828 \RestoreAtCatcode
2829 </cp855>

```

### 2.5.19 Encoding cp858

```

2830 <*cp858>
2831 \ProvidesFile{x-cp858.def}%
2832 [2009/08/13 v1.4 Input encoding cp858 (inputenx)]%
2833 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2834 \makeatletter
2835 \ProvideTextCommandDefault{\textasciicute}{%
2836   \@tabacckludge'}{%
2837 }
2838 \ProvideTextCommandDefault{\textasciidieresis}{%
2839   \"{}%
2840 }
2841 \ProvideTextCommandDefault{\textasciimacron}{%
2842   \@tabacckludge={}%
2843 }
2844 \ProvideTextCommandDefault{\textblacksquare}{%
2845   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2846 }
2847 \ProvideTextCommandDefault{\textbrokenbar}{%
2848   \TextSymbolUnavailable\textbrokenbar
2849 }
2850 \ProvideTextCommandDefault{\textcent}{%
2851   \TextSymbolUnavailable\textcent
2852 }
2853 \ProvideTextCommandDefault{\textcurrency}{%
2854   \TextSymbolUnavailable\textcurrency
2855 }
2856 \ProvideTextCommandDefault{\textdbllowline}{%
2857   \begingroup
2858     \sbox0{\textunderscore}%
2859     \leavevmode
2860     \ifdim\dp0<.2ex\relax
2861       \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2862     \else
2863       \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2864     \fi
2865     \textunderscore
2866   \endgroup
2867 }
2868 \ProvideTextCommandDefault{\textdegree}{%
2869   \ensuremath{{}^\circ}%
2870 }
2871 \ProvideTextCommandDefault{\textdiv}{%
2872   \TextSymbolUnavailable\textdiv

```

```

2873 }
2874 \ProvideTextCommandDefault{\texteuro}{%
2875   \TextSymbolUnavailable\texteuro
2876 }
2877 \ProvideTextCommandDefault{\textflorin}{%
2878   \textit{f}%
2879 }
2880 \ProvideTextCommandDefault{\textlnot}{%
2881   \ensuremath{\lnot}
2882 }
2883 \ProvideTextCommandDefault{\textmu}{%
2884   \ensuremath{\mu}
2885 }
2886 \ProvideTextCommandDefault{\textonehalf}{%
2887   \ensuremath{\frac{1}{2}}%
2888 }
2889 \ProvideTextCommandDefault{\textonequarter}{%
2890   \ensuremath{\frac{1}{4}}%
2891 }
2892 \ProvideTextCommandDefault{\textonesuperior}{%
2893   \ensuremath{{}^1}%
2894 }
2895 \ProvideTextCommandDefault{\textpm}{%
2896   \ensuremath{\pm}
2897 }
2898 \ProvideTextCommandDefault{\textthreequarters}{%
2899   \ensuremath{\frac{3}{4}}%
2900 }
2901 \ProvideTextCommandDefault{\textthreesuperior}{%
2902   \ensuremath{{}^3}%
2903 }
2904 \ProvideTextCommandDefault{\texttimes}{%
2905   \ensuremath{\times}
2906 }
2907 \ProvideTextCommandDefault{\texttwosuperior}{%
2908   \ensuremath{{}^2}%
2909 }
2910 \ProvideTextCommandDefault{\textyen}{%
2911   \TextSymbolUnavailable\textyen
2912 }
2913 \DeclareInputText{128}{\c C}
2914 \DeclareInputText{129}{\u}
2915 \DeclareInputText{130}{\@tabacckludge'e}
2916 \DeclareInputText{131}{\^a}
2917 \DeclareInputText{132}{\a}
2918 \DeclareInputText{133}{\@tabacckludge'a}
2919 \DeclareInputText{134}{\r a}
2920 \DeclareInputText{135}{\c c}
2921 \DeclareInputText{136}{\^e}
2922 \DeclareInputText{137}{\e}
2923 \DeclareInputText{138}{\@tabacckludge'e}
2924 \DeclareInputText{139}{\i}
2925 \DeclareInputText{140}{\^i}
2926 \DeclareInputText{141}{\@tabacckludge'i}
2927 \DeclareInputText{142}{\A}
2928 \DeclareInputText{143}{\r A}
2929 \DeclareInputText{144}{\@tabacckludge'E}
2930 \DeclareInputText{145}{\ae}
2931 \DeclareInputText{146}{\AE}
2932 \DeclareInputText{147}{\^o}
2933 \DeclareInputText{148}{\o}
2934 \DeclareInputText{149}{\@tabacckludge'o}

```

```

2935 \DeclareInputText{150}{\`u}
2936 \DeclareInputText{151}{\@tabacckludge'u}
2937 \DeclareInputText{152}{\`y}
2938 \DeclareInputText{153}{\`0}
2939 \DeclareInputText{154}{\`U}
2940 \DeclareInputText{155}{\`o}
2941 \DeclareInputText{156}{\textsterling}
2942 \DeclareInputText{157}{\`0}
2943 \DeclareInputText{158}{\texttimes}
2944 \DeclareInputText{159}{\textflorin}
2945 \DeclareInputText{160}{\@tabacckludge'a}
2946 \DeclareInputText{161}{\@tabacckludge'i}
2947 \DeclareInputText{162}{\@tabacckludge'o}
2948 \DeclareInputText{163}{\@tabacckludge'u}
2949 \DeclareInputText{164}{\`n}
2950 \DeclareInputText{165}{\`N}
2951 \DeclareInputText{166}{\textordfeminine}
2952 \DeclareInputText{167}{\textordmasculine}
2953 \DeclareInputText{168}{\textquestiondown}
2954 \DeclareInputText{169}{\textregistered}
2955 \DeclareInputText{170}{\textlnot}
2956 \DeclareInputText{171}{\textonehalf}
2957 \DeclareInputText{172}{\textonequarter}
2958 \DeclareInputText{173}{\textexclamdown}
2959 \DeclareInputText{174}{\guillemotleft}
2960 \DeclareInputText{175}{\guillemotright}
2961 \DeclareInputText{176}{\textltshade}
2962 \DeclareInputText{177}{\textshade}
2963 \DeclareInputText{178}{\textdkshade}
2964 \DeclareInputText{179}{\textSFxi}
2965 \DeclareInputText{180}{\textSFix}
2966 \DeclareInputText{181}{\@tabacckludge'A}
2967 \DeclareInputText{182}{\`A}
2968 \DeclareInputText{183}{\@tabacckludge'A}
2969 \DeclareInputText{184}{\textcopyright}
2970 \DeclareInputText{185}{\textSFxxiii}
2971 \DeclareInputText{186}{\textSFxxiv}
2972 \DeclareInputText{187}{\textSFxxv}
2973 \DeclareInputText{188}{\textSFxxvi}
2974 \DeclareInputText{189}{\textcent}
2975 \DeclareInputText{190}{\textyen}
2976 \DeclareInputText{191}{\textSFiii}
2977 \DeclareInputText{192}{\textSFii}
2978 \DeclareInputText{193}{\textSFvii}
2979 \DeclareInputText{194}{\textSFvi}
2980 \DeclareInputText{195}{\textSFviii}
2981 \DeclareInputText{196}{\textSFx}
2982 \DeclareInputText{197}{\textSFv}
2983 \DeclareInputText{198}{\`a}
2984 \DeclareInputText{199}{\`A}
2985 \DeclareInputText{200}{\textSFxxxviii}
2986 \DeclareInputText{201}{\textSFxxxix}
2987 \DeclareInputText{202}{\textSFxl}
2988 \DeclareInputText{203}{\textSFxli}
2989 \DeclareInputText{204}{\textSFxlii}
2990 \DeclareInputText{205}{\textSFxl iii}
2991 \DeclareInputText{206}{\textSFxliv}
2992 \DeclareInputText{207}{\textcurrency}
2993 \DeclareInputText{208}{\dh}
2994 \DeclareInputText{209}{\DH}
2995 \DeclareInputText{210}{\`E}
2996 \DeclareInputText{211}{\`E}

```

```

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

```

## 2.5.20 Encoding cp865

```

3043 \<cp865>
3044 \ProvidesFile{x-cp865.def}%
3045 [2009/08/13 v1.4 Input encoding cp865 (inputenx)]%
3046 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3047 \makeatletter
3048 \ProvideTextCommandDefault{\textGamma}{%
3049   \ensuremath\Gamma
3050 }
3051 \ProvideTextCommandDefault{\textOmega}{%
3052   \ensuremath\Omega
3053 }
3054 \ProvideTextCommandDefault{\textPhi}{%
3055   \ensuremath\Phi
3056 }
3057 \ProvideTextCommandDefault{\textSigma}{%

```

```

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

```

```

3120 \ProvideTextCommandDefault{\textpeseta}{%
3121   Pt%
3122 }
3123 \ProvideTextCommandDefault{\textphi}{%
3124   \ensuremath{\phi}
3125 }
3126 \ProvideTextCommandDefault{\textpi}{%
3127   \ensuremath{\pi}
3128 }
3129 \ProvideTextCommandDefault{\textpm}{%
3130   \ensuremath{\pm}
3131 }
3132 \ProvideTextCommandDefault{\textrevlogicalnot}{%
3133   \begingroup
3134     \ifundefined{reflectbox}{%
3135       \TextSymbolUnavailable{\textrevlogicalnot}
3136     }{%
3137       \def\@revlogicalnot##1##2{%
3138         \reflectbox{$##1##2$}%
3139       }%
3140       \ensuremath{\mathpalette{\@revlogicalnot}\lnot}%
3141     }%
3142   \endgroup
3143 }
3144 \ProvideTextCommandDefault{\textsigma}{%
3145   \ensuremath{\sigma}
3146 }
3147 \ProvideTextCommandDefault{\textsurd}{%
3148   \ensuremath{\surd}
3149 }
3150 \ProvideTextCommandDefault{\texttau}{%
3151   \ensuremath{\tau}
3152 }
3153 \ProvideTextCommandDefault{\texttwosuperior}{%
3154   \ensuremath{{}^2}%
3155 }
3156 \DeclareInputText{128}{\c C}
3157 \DeclareInputText{129}{\u}
3158 \DeclareInputText{130}{\@tabacckludge'e}
3159 \DeclareInputText{131}{\^a}
3160 \DeclareInputText{132}{\a}
3161 \DeclareInputText{133}{\@tabacckludge'a}
3162 \DeclareInputText{134}{\r a}
3163 \DeclareInputText{135}{\c c}
3164 \DeclareInputText{136}{\^e}
3165 \DeclareInputText{137}{\e}
3166 \DeclareInputText{138}{\@tabacckludge'e}
3167 \DeclareInputText{139}{\i}
3168 \DeclareInputText{140}{\^i}
3169 \DeclareInputText{141}{\@tabacckludge'i}
3170 \DeclareInputText{142}{\A}
3171 \DeclareInputText{143}{\r A}
3172 \DeclareInputText{144}{\@tabacckludge'E}
3173 \DeclareInputText{145}{\ae}
3174 \DeclareInputText{146}{\AE}
3175 \DeclareInputText{147}{\^o}
3176 \DeclareInputText{148}{\o}
3177 \DeclareInputText{149}{\@tabacckludge'o}
3178 \DeclareInputText{150}{\^u}
3179 \DeclareInputText{151}{\@tabacckludge'u}
3180 \DeclareInputText{152}{\y}
3181 \DeclareInputText{153}{\0}

```



```

3182 \DeclareInputText{154}{\ "U}
3183 \DeclareInputText{155}{\ o}
3184 \DeclareInputText{156}{\textsterling}
3185 \DeclareInputText{157}{\0}
3186 \DeclareInputText{158}{\textpeseta}
3187 \DeclareInputText{159}{\textflorin}
3188 \DeclareInputText{160}{\@tabacckludge'a}
3189 \DeclareInputText{161}{\@tabacckludge'i}
3190 \DeclareInputText{162}{\@tabacckludge'o}
3191 \DeclareInputText{163}{\@tabacckludge'u}
3192 \DeclareInputText{164}{\`n}
3193 \DeclareInputText{165}{\`N}
3194 \DeclareInputText{166}{\textordfeminine}
3195 \DeclareInputText{167}{\textordmasculine}
3196 \DeclareInputText{168}{\textquestiondown}
3197 \DeclareInputText{169}{\textrevlogicalnot}
3198 \DeclareInputText{170}{\textlnot}
3199 \DeclareInputText{171}{\textonehalf}
3200 \DeclareInputText{172}{\textonequarter}
3201 \DeclareInputText{173}{\texttexclamdown}
3202 \DeclareInputText{174}{\guillemotleft}
3203 \DeclareInputText{175}{\textcurrency}
3204 \DeclareInputText{176}{\textltshade}
3205 \DeclareInputText{177}{\textshade}
3206 \DeclareInputText{178}{\textdkshade}
3207 \DeclareInputText{179}{\textSFxi}
3208 \DeclareInputText{180}{\textSFix}
3209 \DeclareInputText{181}{\textSFxix}
3210 \DeclareInputText{182}{\textSFxx}
3211 \DeclareInputText{183}{\textSFxxi}
3212 \DeclareInputText{184}{\textSFxxii}
3213 \DeclareInputText{185}{\textSFxxiii}
3214 \DeclareInputText{186}{\textSFxxiv}
3215 \DeclareInputText{187}{\textSFxxv}
3216 \DeclareInputText{188}{\textSFxxvi}
3217 \DeclareInputText{189}{\textSFxxvii}
3218 \DeclareInputText{190}{\textSFxxviii}
3219 \DeclareInputText{191}{\textSFiii}
3220 \DeclareInputText{192}{\textSFii}
3221 \DeclareInputText{193}{\textSFvii}
3222 \DeclareInputText{194}{\textSFvi}
3223 \DeclareInputText{195}{\textSFviii}
3224 \DeclareInputText{196}{\textSFx}
3225 \DeclareInputText{197}{\textSFv}
3226 \DeclareInputText{198}{\textSFxxxvi}
3227 \DeclareInputText{199}{\textSFxxxvii}
3228 \DeclareInputText{200}{\textSFxxxviii}
3229 \DeclareInputText{201}{\textSFxxxix}
3230 \DeclareInputText{202}{\textSFxl}
3231 \DeclareInputText{203}{\textSFxli}
3232 \DeclareInputText{204}{\textSFxlii}
3233 \DeclareInputText{205}{\textSFxliii}
3234 \DeclareInputText{206}{\textSFxliv}
3235 \DeclareInputText{207}{\textSFxlv}
3236 \DeclareInputText{208}{\textSFxlvi}
3237 \DeclareInputText{209}{\textSFxlvii}
3238 \DeclareInputText{210}{\textSFxlviii}
3239 \DeclareInputText{211}{\textSFxlxi}
3240 \DeclareInputText{212}{\textSF1}
3241 \DeclareInputText{213}{\textSFli}
3242 \DeclareInputText{214}{\textSFlii}
3243 \DeclareInputText{215}{\textSFliii}

```

```

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

```

## 2.5.21 Encoding cp866

```

3284 \cp866
3285 \ProvidesFile{x-cp866.def}%
3286 [2009/08/13 v1.4 Input encoding cp866 (inputenx)]%
3287 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3288 \makeatletter
3289 \ProvideTextCommandDefault{\textblacksquare}{%
3290 \vrule \@width .3em \@height .4em \@depth -.1em\relax
3291 }
3292 \ProvideTextCommandDefault{\textcurrency}{%
3293 \TextSymbolUnavailable\textcurrency
3294 }
3295 \ProvideTextCommandDefault{\textdegree}{%
3296 \ensuremath{\text{\char"00B0}}%
3297 }
3298 \ProvideTextCommandDefault{\textnumero}{%
3299 N%
3300 \bgroup
3301 \check@mathfonts
3302 \fontsize\sfontsize\z@
3303 \math@fontsfalse
3304 \selectfont

```

```

3305 \oalign{%
3306 \raise0.5ex\hbox{o}%
3307 \crr
3308 \hline
3309 }%
3310 \egroup
3311 }
3312 \ProvideTextCommandDefault{\textsurd}{%
3313 \ensuremath\surd
3314 }
3315 \DeclareInputText{128}{\CYRA}
3316 \DeclareInputText{129}{\CYRB}
3317 \DeclareInputText{130}{\CYRV}
3318 \DeclareInputText{131}{\CYRG}
3319 \DeclareInputText{132}{\CYRD}
3320 \DeclareInputText{133}{\CYRE}
3321 \DeclareInputText{134}{\CYRZH}
3322 \DeclareInputText{135}{\CYRZ}
3323 \DeclareInputText{136}{\CYRI}
3324 \DeclareInputText{137}{\CYRISHRT}
3325 \DeclareInputText{138}{\CYRK}
3326 \DeclareInputText{139}{\CYRL}
3327 \DeclareInputText{140}{\CYRM}
3328 \DeclareInputText{141}{\CYRN}
3329 \DeclareInputText{142}{\CYRO}
3330 \DeclareInputText{143}{\CYRP}
3331 \DeclareInputText{144}{\CYRR}
3332 \DeclareInputText{145}{\CYRS}
3333 \DeclareInputText{146}{\CYRT}
3334 \DeclareInputText{147}{\CYRU}
3335 \DeclareInputText{148}{\CYRF}
3336 \DeclareInputText{149}{\CYRH}
3337 \DeclareInputText{150}{\CYRC}
3338 \DeclareInputText{151}{\CYRCH}
3339 \DeclareInputText{152}{\CYRSH}
3340 \DeclareInputText{153}{\CYRSHCH}
3341 \DeclareInputText{154}{\CYRHRDSN}
3342 \DeclareInputText{155}{\CYRERY}
3343 \DeclareInputText{156}{\CYRSFTSN}
3344 \DeclareInputText{157}{\CYREREV}
3345 \DeclareInputText{158}{\CYRYU}
3346 \DeclareInputText{159}{\CYRYA}
3347 \DeclareInputText{160}{\cyr a}
3348 \DeclareInputText{161}{\cyr b}
3349 \DeclareInputText{162}{\cyr v}
3350 \DeclareInputText{163}{\cyr g}
3351 \DeclareInputText{164}{\cyr d}
3352 \DeclareInputText{165}{\cyr e}
3353 \DeclareInputText{166}{\cyr zh}
3354 \DeclareInputText{167}{\cyr z}
3355 \DeclareInputText{168}{\cyr i}
3356 \DeclareInputText{169}{\cyr ishrt}
3357 \DeclareInputText{170}{\cyr k}
3358 \DeclareInputText{171}{\cyr l}
3359 \DeclareInputText{172}{\cyr m}
3360 \DeclareInputText{173}{\cyr n}
3361 \DeclareInputText{174}{\cyr o}
3362 \DeclareInputText{175}{\cyr p}
3363 \DeclareInputText{176}{\textltshade}
3364 \DeclareInputText{177}{\textshade}
3365 \DeclareInputText{178}{\textdkshade}
3366 \DeclareInputText{179}{\textSFxi}

```

```

3367 \DeclareInputText{180}{\textSFix}
3368 \DeclareInputText{181}{\textSFxix}
3369 \DeclareInputText{182}{\textSFxx}
3370 \DeclareInputText{183}{\textSFxxi}
3371 \DeclareInputText{184}{\textSFxxii}
3372 \DeclareInputText{185}{\textSFxxiii}
3373 \DeclareInputText{186}{\textSFxxiv}
3374 \DeclareInputText{187}{\textSFxxv}
3375 \DeclareInputText{188}{\textSFxxvi}
3376 \DeclareInputText{189}{\textSFxxvii}
3377 \DeclareInputText{190}{\textSFxxviii}
3378 \DeclareInputText{191}{\textSFiii}
3379 \DeclareInputText{192}{\textSFii}
3380 \DeclareInputText{193}{\textSFvii}
3381 \DeclareInputText{194}{\textSFvi}
3382 \DeclareInputText{195}{\textSFviii}
3383 \DeclareInputText{196}{\textSFx}
3384 \DeclareInputText{197}{\textSFv}
3385 \DeclareInputText{198}{\textSFxxxvi}
3386 \DeclareInputText{199}{\textSFxxxvii}
3387 \DeclareInputText{200}{\textSFxxxviii}
3388 \DeclareInputText{201}{\textSFxxxix}
3389 \DeclareInputText{202}{\textSFxl}
3390 \DeclareInputText{203}{\textSFxli}
3391 \DeclareInputText{204}{\textSFxlii}
3392 \DeclareInputText{205}{\textSFxl iii}
3393 \DeclareInputText{206}{\textSFxliv}
3394 \DeclareInputText{207}{\textSFxlv}
3395 \DeclareInputText{208}{\textSFxlvi}
3396 \DeclareInputText{209}{\textSFxlvii}
3397 \DeclareInputText{210}{\textSFxl viii}
3398 \DeclareInputText{211}{\textSFxl ix}
3399 \DeclareInputText{212}{\textSF1}
3400 \DeclareInputText{213}{\textSFli}
3401 \DeclareInputText{214}{\textSFlii}
3402 \DeclareInputText{215}{\textSFliii}
3403 \DeclareInputText{216}{\textSFliv}
3404 \DeclareInputText{217}{\textSFiv}
3405 \DeclareInputText{218}{\textSFi}
3406 \DeclareInputText{219}{\texttblock}
3407 \DeclareInputText{220}{\texttdnblock}
3408 \DeclareInputText{221}{\textlfbblock}
3409 \DeclareInputText{222}{\textrtbblock}
3410 \DeclareInputText{223}{\textupblock}
3411 \DeclareInputText{224}{\cyrr}
3412 \DeclareInputText{225}{\cyrs}
3413 \DeclareInputText{226}{\cyrt}
3414 \DeclareInputText{227}{\cyr u}
3415 \DeclareInputText{228}{\cyr f}
3416 \DeclareInputText{229}{\cyr h}
3417 \DeclareInputText{230}{\cyr c}
3418 \DeclareInputText{231}{\cyr ch}
3419 \DeclareInputText{232}{\cyr sh}
3420 \DeclareInputText{233}{\cyr shch}
3421 \DeclareInputText{234}{\cyr hrdsn}
3422 \DeclareInputText{235}{\cyr ery}
3423 \DeclareInputText{236}{\cyr sftsn}
3424 \DeclareInputText{237}{\cyr rev}
3425 \DeclareInputText{238}{\cyr yu}
3426 \DeclareInputText{239}{\cyr ya}
3427 \DeclareInputText{240}{\CYRYO}
3428 \DeclareInputText{241}{\cyr yo}

```

```

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

```

## 2.5.22 Encoding cp1250

```

3445 \<cp1250>
3446 \ProvidesFile{x-cp1250.def}%
3447 [2009/08/13 v1.4 Input encoding cp1250 (inputenx)]%
3448 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3449 \makeatletter
3450 \ProvideTextCommandDefault{\textacutedbl}{%
3451   \H{}}%
3452 }
3453 \ProvideTextCommandDefault{\textasciiaacute}{%
3454   \@tabacckludge'}%
3455 }
3456 \ProvideTextCommandDefault{\textasciibreve}{%
3457   \u{}}%
3458 }
3459 \ProvideTextCommandDefault{\textasciicaron}{%
3460   \v{}}%
3461 }
3462 \ProvideTextCommandDefault{\textasciidieresis}{%
3463   \"{}}%
3464 }
3465 \ProvideTextCommandDefault{\textbrokenbar}{%
3466   \TextSymbolUnavailable\textbrokenbar}
3467 }
3468 \ProvideTextCommandDefault{\textcurrency}{%
3469   \TextSymbolUnavailable\textcurrency}
3470 }
3471 \ProvideTextCommandDefault{\textdegree}{%
3472   \ensuremath{{}^{\circ}}}%
3473 }
3474 \ProvideTextCommandDefault{\textdiv}{%
3475   \TextSymbolUnavailable\textdiv}
3476 }
3477 \ProvideTextCommandDefault{\texteuro}{%
3478   \TextSymbolUnavailable\texteuro}
3479 }
3480 \ProvideTextCommandDefault{\textlnot}{%
3481   \ensuremath{\lnot}}
3482 }
3483 \ProvideTextCommandDefault{\textmu}{%
3484   \ensuremath{\mu}}
3485 }
3486 \ProvideTextCommandDefault{\textpm}{%
3487   \ensuremath{\pm}}
3488 }
3489 \ProvideTextCommandDefault{\texttimes}{%

```

```

3490 \ensuremath\times
3491 }
3492 \DeclareInputText{128}{\texteuro}
3493 \DeclareInputText{130}{\quotesinglbase}
3494 \DeclareInputText{132}{\quotedblbase}
3495 \DeclareInputText{133}{\textellipsis}
3496 \DeclareInputText{134}{\textdagger}
3497 \DeclareInputText{135}{\textdaggerdbl}
3498 \DeclareInputText{137}{\textperthousand}
3499 \DeclareInputText{138}{\v S}
3500 \DeclareInputText{139}{\guilsinglleft}
3501 \DeclareInputText{140}{\@tabacckludge'S}
3502 \DeclareInputText{141}{\v T}
3503 \DeclareInputText{142}{\v Z}
3504 \DeclareInputText{143}{\@tabacckludge'Z}
3505 \DeclareInputText{145}{\textquoteleft}
3506 \DeclareInputText{146}{\textquoteright}
3507 \DeclareInputText{147}{\textquotedblleft}
3508 \DeclareInputText{148}{\textquotedblright}
3509 \DeclareInputText{149}{\textbullet}
3510 \DeclareInputText{150}{\textendash}
3511 \DeclareInputText{151}{\textemdash}
3512 \DeclareInputText{153}{\texttrademark}
3513 \DeclareInputText{154}{\v s}
3514 \DeclareInputText{155}{\guilsinglright}
3515 \DeclareInputText{156}{\@tabacckludge's}
3516 \DeclareInputText{157}{\v t}
3517 \DeclareInputText{158}{\v z}
3518 \DeclareInputText{159}{\@tabacckludge'z}
3519 \DeclareInputText{160}{\nobreakspace}
3520 \DeclareInputText{161}{\textasciicaron}
3521 \DeclareInputText{162}{\textasciibreve}
3522 \DeclareInputText{163}{\L}
3523 \DeclareInputText{164}{\textcurrency}
3524 \DeclareInputText{165}{\k A}
3525 \DeclareInputText{166}{\textbrokenbar}
3526 \DeclareInputText{167}{\textsection}
3527 \DeclareInputText{168}{\textasciidieresis}
3528 \DeclareInputText{169}{\textcopyright}
3529 \DeclareInputText{170}{\c S}
3530 \DeclareInputText{171}{\guillemotleft}
3531 \DeclareInputText{172}{\textlnot}
3532 \DeclareInputText{173}{\textasciimacron}
3533 \DeclareInputText{174}{\textregistered}
3534 \DeclareInputText{175}{\Z}
3535 \DeclareInputText{176}{\textdegree}
3536 \DeclareInputText{177}{\textpm}
3537 \DeclareInputText{178}{\k{}}
3538 \DeclareInputText{179}{\l}
3539 \DeclareInputText{180}{\textasciiaacute}
3540 \DeclareInputText{181}{\textmu}
3541 \DeclareInputText{182}{\textparagraph}
3542 \DeclareInputText{183}{\textperiodcentered}
3543 \DeclareInputText{184}{\c\ }
3544 \DeclareInputText{185}{\k a}
3545 \DeclareInputText{186}{\c s}
3546 \DeclareInputText{187}{\guillemotright}
3547 \DeclareInputText{188}{\v L}
3548 \DeclareInputText{189}{\textacutedbl}
3549 \DeclareInputText{190}{\v l}
3550 \DeclareInputText{191}{\Z}
3551 \DeclareInputText{192}{\@tabacckludge'R}

```

```

3552 \DeclareInputText{193}{\@tabacckludge'A}
3553 \DeclareInputText{194}{\^A}
3554 \DeclareInputText{195}{\u A}
3555 \DeclareInputText{196}{\ "A}
3556 \DeclareInputText{197}{\@tabacckludge'L}
3557 \DeclareInputText{198}{\@tabacckludge'C}
3558 \DeclareInputText{199}{\c C}
3559 \DeclareInputText{200}{\v C}
3560 \DeclareInputText{201}{\@tabacckludge'E}
3561 \DeclareInputText{202}{\k E}
3562 \DeclareInputText{203}{\ "E}
3563 \DeclareInputText{204}{\v E}
3564 \DeclareInputText{205}{\@tabacckludge'I}
3565 \DeclareInputText{206}{\^I}
3566 \DeclareInputText{207}{\v D}
3567 \DeclareInputText{208}{\DJ}
3568 \DeclareInputText{209}{\@tabacckludge'N}
3569 \DeclareInputText{210}{\v N}
3570 \DeclareInputText{211}{\@tabacckludge'O}
3571 \DeclareInputText{212}{\^O}
3572 \DeclareInputText{213}{\H O}
3573 \DeclareInputText{214}{\ "O}
3574 \DeclareInputText{215}{\texttimes}
3575 \DeclareInputText{216}{\v R}
3576 \DeclareInputText{217}{\r U}
3577 \DeclareInputText{218}{\@tabacckludge'U}
3578 \DeclareInputText{219}{\H U}
3579 \DeclareInputText{220}{\ "U}
3580 \DeclareInputText{221}{\@tabacckludge'Y}
3581 \DeclareInputText{222}{\c T}
3582 \DeclareInputText{223}{\ss}
3583 \DeclareInputText{224}{\@tabacckludge'r}
3584 \DeclareInputText{225}{\@tabacckludge'a}
3585 \DeclareInputText{226}{\^a}
3586 \DeclareInputText{227}{\u a}
3587 \DeclareInputText{228}{\ "a}
3588 \DeclareInputText{229}{\@tabacckludge'l}
3589 \DeclareInputText{230}{\@tabacckludge'c}
3590 \DeclareInputText{231}{\c c}
3591 \DeclareInputText{232}{\v c}
3592 \DeclareInputText{233}{\@tabacckludge'e}
3593 \DeclareInputText{234}{\k e}
3594 \DeclareInputText{235}{\ "e}
3595 \DeclareInputText{236}{\v e}
3596 \DeclareInputText{237}{\@tabacckludge'i}
3597 \DeclareInputText{238}{\^i}
3598 \DeclareInputText{239}{\v d}
3599 \DeclareInputText{240}{\dj}
3600 \DeclareInputText{241}{\@tabacckludge'n}
3601 \DeclareInputText{242}{\v n}
3602 \DeclareInputText{243}{\@tabacckludge'o}
3603 \DeclareInputText{244}{\^o}
3604 \DeclareInputText{245}{\H o}
3605 \DeclareInputText{246}{\ "o}
3606 \DeclareInputText{247}{\textdiv}
3607 \DeclareInputText{248}{\v r}
3608 \DeclareInputText{249}{\r u}
3609 \DeclareInputText{250}{\@tabacckludge'u}
3610 \DeclareInputText{251}{\H u}
3611 \DeclareInputText{252}{\ "u}
3612 \DeclareInputText{253}{\@tabacckludge'y}
3613 \DeclareInputText{254}{\c t}

```

```

3614 \DeclareInputText{255}{\cdot}
3615 \RestoreAtCatcode
3616 \</cp1250>
2.5.23 Encoding cp1251
3617 \<*cp1251>
3618 \ProvidesFile{x-cp1251.def}%
3619 [2009/08/13 v1.4 Input encoding cp1251 (inputenx)]%
3620 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3621 \makeatletter
3622 \ProvideTextCommandDefault{\textbrokenbar}{%
3623   \TextSymbolUnavailable\textbrokenbar
3624 }
3625 \ProvideTextCommandDefault{\textcurrency}{%
3626   \TextSymbolUnavailable\textcurrency
3627 }
3628 \ProvideTextCommandDefault{\textdegree}{%
3629   \ensuremath{^\circ}%
3630 }
3631 \ProvideTextCommandDefault{\texteuro}{%
3632   \TextSymbolUnavailable\texteuro
3633 }
3634 \ProvideTextCommandDefault{\textlnot}{%
3635   \ensuremath\not
3636 }
3637 \ProvideTextCommandDefault{\textmu}{%
3638   \ensuremath\mu
3639 }
3640 \ProvideTextCommandDefault{\textnumero}{%
3641   N%
3642   \bgroup
3643     \check@mathfonts
3644     \fontsize\sf@size\z@
3645     \math@fontsfalse
3646     \selectfont
3647     \oalign{%
3648       \raise0.5ex\hbox{o}%
3649       \crr
3650       \hline
3651     }%
3652   \egroup
3653 }
3654 \ProvideTextCommandDefault{\textpm}{%
3655   \ensuremath\pm
3656 }
3657 \DeclareInputText{128}{\CYRDJE}
3658 \DeclareInputText{129}{\@tabacckludge'\CYRG}
3659 \DeclareInputText{130}{\quotesinglbase}
3660 \DeclareInputText{131}{\@tabacckludge'\cyrg}
3661 \DeclareInputText{132}{\quotedblbase}
3662 \DeclareInputText{133}{\textellipsis}
3663 \DeclareInputText{134}{\textdagger}
3664 \DeclareInputText{135}{\textdaggerdbl}
3665 \DeclareInputText{136}{\texteuro}
3666 \DeclareInputText{137}{\textperthousand}
3667 \DeclareInputText{138}{\CYRLJE}
3668 \DeclareInputText{139}{\guilsinglleft}
3669 \DeclareInputText{140}{\CYRNJE}
3670 \DeclareInputText{141}{\@tabacckludge'\CYRK}
3671 \DeclareInputText{142}{\CYRTSHE}
3672 \DeclareInputText{143}{\CYRDZHE}
3673 \DeclareInputText{144}{\cyrdje}
3674 \DeclareInputText{145}{\textquotelleft}

```



```

3675 \DeclareInputText{146}{\textquoteright}
3676 \DeclareInputText{147}{\textquotedblleft}
3677 \DeclareInputText{148}{\textquotedblright}
3678 \DeclareInputText{149}{\textbullet}
3679 \DeclareInputText{150}{\textendash}
3680 \DeclareInputText{151}{\textemdash}
3681 \DeclareInputText{153}{\texttrademark}
3682 \DeclareInputText{154}{\cyrlje}
3683 \DeclareInputText{155}{\guilsinglright}
3684 \DeclareInputText{156}{\cyrnje}
3685 \DeclareInputText{157}{\@tabacckludge'\cyrk}
3686 \DeclareInputText{158}{\cyrtshe}
3687 \DeclareInputText{159}{\cyrdzhe}
3688 \DeclareInputText{160}{\nobreakspace}
3689 \DeclareInputText{161}{\CYRUSHRT}
3690 \DeclareInputText{162}{\cyrushrt}
3691 \DeclareInputText{163}{\CYRJE}
3692 \DeclareInputText{164}{\textcurrency}
3693 \DeclareInputText{165}{\CYRGUP}
3694 \DeclareInputText{166}{\textbrokenbar}
3695 \DeclareInputText{167}{\textsection}
3696 \DeclareInputText{168}{\CYRYO}
3697 \DeclareInputText{169}{\textcopyright}
3698 \DeclareInputText{170}{\CYRIE}
3699 \DeclareInputText{171}{\guillemotleft}
3700 \DeclareInputText{172}{\textlnot}
3701 \DeclareInputText{173}{\textasciitilde}
3702 \DeclareInputText{174}{\textregistered}
3703 \DeclareInputText{175}{\CYRYI}
3704 \DeclareInputText{176}{\textdegree}
3705 \DeclareInputText{177}{\textpm}
3706 \DeclareInputText{178}{\CYRII}
3707 \DeclareInputText{179}{\cyrrii}
3708 \DeclareInputText{180}{\cyrgup}
3709 \DeclareInputText{181}{\textmu}
3710 \DeclareInputText{182}{\textparagraph}
3711 \DeclareInputText{183}{\textperiodcentered}
3712 \DeclareInputText{184}{\cyrjo}
3713 \DeclareInputText{185}{\textnumero}
3714 \DeclareInputText{186}{\cyrrie}
3715 \DeclareInputText{187}{\guillemotright}
3716 \DeclareInputText{188}{\cyrje}
3717 \DeclareInputText{189}{\CYRDZE}
3718 \DeclareInputText{190}{\cyrdze}
3719 \DeclareInputText{191}{\cyrji}
3720 \DeclareInputText{192}{\CYRA}
3721 \DeclareInputText{193}{\CYRB}
3722 \DeclareInputText{194}{\CYRV}
3723 \DeclareInputText{195}{\CYRG}
3724 \DeclareInputText{196}{\CYRD}
3725 \DeclareInputText{197}{\CYRE}
3726 \DeclareInputText{198}{\CYRZH}
3727 \DeclareInputText{199}{\CYRZ}
3728 \DeclareInputText{200}{\CYRI}
3729 \DeclareInputText{201}{\CYRISHRT}
3730 \DeclareInputText{202}{\CYRK}
3731 \DeclareInputText{203}{\CYRL}
3732 \DeclareInputText{204}{\CYRM}
3733 \DeclareInputText{205}{\CYRN}
3734 \DeclareInputText{206}{\CYRO}
3735 \DeclareInputText{207}{\CYRP}
3736 \DeclareInputText{208}{\CYRR}

```

```

3737 \DeclareInputText{209}{\CYRS}
3738 \DeclareInputText{210}{\CYRT}
3739 \DeclareInputText{211}{\CYRU}
3740 \DeclareInputText{212}{\CYRF}
3741 \DeclareInputText{213}{\CYRH}
3742 \DeclareInputText{214}{\CYRC}
3743 \DeclareInputText{215}{\CYRCH}
3744 \DeclareInputText{216}{\CYRSH}
3745 \DeclareInputText{217}{\CYRSHCH}
3746 \DeclareInputText{218}{\CYRHRDSN}
3747 \DeclareInputText{219}{\CYRERY}
3748 \DeclareInputText{220}{\CYRSFTSN}
3749 \DeclareInputText{221}{\CYREREV}
3750 \DeclareInputText{222}{\CYRYU}
3751 \DeclareInputText{223}{\CYRYA}
3752 \DeclareInputText{224}{\cyr a}
3753 \DeclareInputText{225}{\cyr b}
3754 \DeclareInputText{226}{\cyr v}
3755 \DeclareInputText{227}{\cyr g}
3756 \DeclareInputText{228}{\cyr d}
3757 \DeclareInputText{229}{\cyr e}
3758 \DeclareInputText{230}{\cyr zh}
3759 \DeclareInputText{231}{\cyr z}
3760 \DeclareInputText{232}{\cyr i}
3761 \DeclareInputText{233}{\cyrishrt}
3762 \DeclareInputText{234}{\cyr k}
3763 \DeclareInputText{235}{\cyr l}
3764 \DeclareInputText{236}{\cyr m}
3765 \DeclareInputText{237}{\cyr n}
3766 \DeclareInputText{238}{\cyr o}
3767 \DeclareInputText{239}{\cyr p}
3768 \DeclareInputText{240}{\cyr r}
3769 \DeclareInputText{241}{\cyr s}
3770 \DeclareInputText{242}{\cyr t}
3771 \DeclareInputText{243}{\cyr u}
3772 \DeclareInputText{244}{\cyr f}
3773 \DeclareInputText{245}{\cyr h}
3774 \DeclareInputText{246}{\cyr c}
3775 \DeclareInputText{247}{\cyr ch}
3776 \DeclareInputText{248}{\cyr sh}
3777 \DeclareInputText{249}{\cyr shch}
3778 \DeclareInputText{250}{\cyrhrdsn}
3779 \DeclareInputText{251}{\cyrery}
3780 \DeclareInputText{252}{\cyr sftsn}
3781 \DeclareInputText{253}{\cyrerev}
3782 \DeclareInputText{254}{\cyr yu}
3783 \DeclareInputText{255}{\cyr ya}
3784 \RestoreAtCatcode
3785 \</cp1251>

```

## 2.5.24 Encoding cp1252

```

3786 <*cp1252>
3787 \ProvidesFile{x-cp1252.def}%
3788 [2009/08/13 v1.4 Input encoding cp1252 (inputenx)]%
3789 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3790 \makeatletter
3791 \ProvideTextCommandDefault{\textasciicute}{%
3792   \@tabacckludge'}{%
3793 }
3794 \ProvideTextCommandDefault{\textasciidieresis}{%
3795   \"}{%
3796 }
3797 \ProvideTextCommandDefault{\textasciimacron}{%

```

```

3798 \@tabacckludge={}%
3799 }
3800 \ProvideTextCommandDefault{\textbrokenbar}{%
3801   \TextSymbolUnavailable\textbrokenbar
3802 }
3803 \ProvideTextCommandDefault{\textcent}{%
3804   \TextSymbolUnavailable\textcent
3805 }
3806 \ProvideTextCommandDefault{\textcurrency}{%
3807   \TextSymbolUnavailable\textcurrency
3808 }
3809 \ProvideTextCommandDefault{\textdegree}{%
3810   \ensuremath{{}^{\circ}}%
3811 }
3812 \ProvideTextCommandDefault{\textdiv}{%
3813   \TextSymbolUnavailable\textdiv
3814 }
3815 \ProvideTextCommandDefault{\texteuro}{%
3816   \TextSymbolUnavailable\texteuro
3817 }
3818 \ProvideTextCommandDefault{\textflorin}{%
3819   \textit{f}%
3820 }
3821 \ProvideTextCommandDefault{\textlnot}{%
3822   \ensuremath{\lnot}
3823 }
3824 \ProvideTextCommandDefault{\textmu}{%
3825   \ensuremath{\mu}
3826 }
3827 \ProvideTextCommandDefault{\textonehalf}{%
3828   \ensuremath{\frac{1}{2}}%
3829 }
3830 \ProvideTextCommandDefault{\textonequarter}{%
3831   \ensuremath{\frac{1}{4}}%
3832 }
3833 \ProvideTextCommandDefault{\textonesuperior}{%
3834   \ensuremath{{}^1}%
3835 }
3836 \ProvideTextCommandDefault{\textpm}{%
3837   \ensuremath{\pm}
3838 }
3839 \ProvideTextCommandDefault{\textthreequarters}{%
3840   \ensuremath{\frac{3}{4}}%
3841 }
3842 \ProvideTextCommandDefault{\textthreesuperior}{%
3843   \ensuremath{{}^3}%
3844 }
3845 \ProvideTextCommandDefault{\texttimes}{%
3846   \ensuremath{\times}
3847 }
3848 \ProvideTextCommandDefault{\texttwosuperior}{%
3849   \ensuremath{{}^2}%
3850 }
3851 \ProvideTextCommandDefault{\textyen}{%
3852   \TextSymbolUnavailable\textyen
3853 }
3854 \DeclareInputText{128}{\texteuro}
3855 \DeclareInputText{130}{\quotesinglbase}
3856 \DeclareInputText{131}{\textflorin}
3857 \DeclareInputText{132}{\quotedblbase}
3858 \DeclareInputText{133}{\textellipsis}
3859 \DeclareInputText{134}{\textdagger}

```

```

3860 \DeclareInputText{135}{\textdaggerdbl}
3861 \DeclareInputText{136}{\textasciicircum}
3862 \DeclareInputText{137}{\textperthousand}
3863 \DeclareInputText{138}{\v S}
3864 \DeclareInputText{139}{\guilsinglleft}
3865 \DeclareInputText{140}{\OE}
3866 \DeclareInputText{142}{\v Z}
3867 \DeclareInputText{145}{\textquoteleft}
3868 \DeclareInputText{146}{\textquoteright}
3869 \DeclareInputText{147}{\textquotedblleft}
3870 \DeclareInputText{148}{\textquotedblright}
3871 \DeclareInputText{149}{\textbullet}
3872 \DeclareInputText{150}{\textendash}
3873 \DeclareInputText{151}{\textemdash}
3874 \DeclareInputText{152}{\textasciitilde}
3875 \DeclareInputText{153}{\texttrademark}
3876 \DeclareInputText{154}{\v s}
3877 \DeclareInputText{155}{\guilsinglright}
3878 \DeclareInputText{156}{\oe}
3879 \DeclareInputText{158}{\v z}
3880 \DeclareInputText{159}{\`Y}
3881 \DeclareInputText{160}{\nobreakspace}
3882 \DeclareInputText{161}{\textexclamdown}
3883 \DeclareInputText{162}{\textcent}
3884 \DeclareInputText{163}{\textsterling}
3885 \DeclareInputText{164}{\textcurrency}
3886 \DeclareInputText{165}{\textyen}
3887 \DeclareInputText{166}{\textbrokenbar}
3888 \DeclareInputText{167}{\textsection}
3889 \DeclareInputText{168}{\textasciidieresis}
3890 \DeclareInputText{169}{\textcopyright}
3891 \DeclareInputText{170}{\textordfeminine}
3892 \DeclareInputText{171}{\guillemotleft}
3893 \DeclareInputText{172}{\textlnot}
3894 \DeclareInputText{173}{\`-}
3895 \DeclareInputText{174}{\textregistered}
3896 \DeclareInputText{175}{\textasciimacron}
3897 \DeclareInputText{176}{\textdegree}
3898 \DeclareInputText{177}{\textpm}
3899 \DeclareInputText{178}{\texttwosuperior}
3900 \DeclareInputText{179}{\textthreesuperior}
3901 \DeclareInputText{180}{\textasciicute}
3902 \DeclareInputText{181}{\textmu}
3903 \DeclareInputText{182}{\textparagraph}
3904 \DeclareInputText{183}{\textperiodcentered}
3905 \DeclareInputText{184}{\c\ }
3906 \DeclareInputText{185}{\textonesuperior}
3907 \DeclareInputText{186}{\textordmasculine}
3908 \DeclareInputText{187}{\guillemotright}
3909 \DeclareInputText{188}{\textonequarter}
3910 \DeclareInputText{189}{\textonehalf}
3911 \DeclareInputText{190}{\textthreequarters}
3912 \DeclareInputText{191}{\textquestiondown}
3913 \DeclareInputText{192}{\@tabacckludge`A}
3914 \DeclareInputText{193}{\@tabacckludge'A}
3915 \DeclareInputText{194}{\^A}
3916 \DeclareInputText{195}{\`A}
3917 \DeclareInputText{196}{`"A}
3918 \DeclareInputText{197}{\r A}
3919 \DeclareInputText{198}{\AE}
3920 \DeclareInputText{199}{\c C}
3921 \DeclareInputText{200}{\@tabacckludge'E}

```

```

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

```

## 2.5.25 Encoding cp1257

```

3979 \<cp1257>
3980 \ProvidesFile{x-cp1257.def}%
3981 [2009/08/13 v1.4 Input encoding cp1257 (inputenx)]%
3982 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}

```

```

3983 \makeatletter
3984 \ProvideTextCommandDefault{\textasciicute}{%
3985   \@tabacckludge'}{%
3986 }
3987 \ProvideTextCommandDefault{\textasciicaron}{%
3988   \v}{%
3989 }
3990 \ProvideTextCommandDefault{\textasciidieresis}{%
3991   \"}{%
3992 }
3993 \ProvideTextCommandDefault{\textasciimacron}{%
3994   \@tabacckludge={}%
3995 }
3996 \ProvideTextCommandDefault{\textbrokenbar}{%
3997   \TextSymbolUnavailable\textbrokenbar
3998 }
3999 \ProvideTextCommandDefault{\textcent}{%
4000   \TextSymbolUnavailable\textcent
4001 }
4002 \ProvideTextCommandDefault{\textcurrency}{%
4003   \TextSymbolUnavailable\textcurrency
4004 }
4005 \ProvideTextCommandDefault{\textdegree}{%
4006   \ensuremath{{}^\circ}}{%
4007 }
4008 \ProvideTextCommandDefault{\textdiv}{%
4009   \TextSymbolUnavailable\textdiv
4010 }
4011 \ProvideTextCommandDefault{\texteuro}{%
4012   \TextSymbolUnavailable\texteuro
4013 }
4014 \ProvideTextCommandDefault{\textlnot}{%
4015   \ensuremath{\neg}%
4016 }
4017 \ProvideTextCommandDefault{\textmu}{%
4018   \ensuremath{\mu}%
4019 }
4020 \ProvideTextCommandDefault{\textonehalf}{%
4021   \ensuremath{\frac{1}{2}}}%
4022 }
4023 \ProvideTextCommandDefault{\textonequarter}{%
4024   \ensuremath{\frac{1}{4}}}%
4025 }
4026 \ProvideTextCommandDefault{\textonesuperior}{%
4027   \ensuremath{{}^1}}{%
4028 }
4029 \ProvideTextCommandDefault{\textpm}{%
4030   \ensuremath{\mathrm{pm}}%
4031 }
4032 \ProvideTextCommandDefault{\textthreequarters}{%
4033   \ensuremath{\frac{3}{4}}}%
4034 }
4035 \ProvideTextCommandDefault{\textthreesuperior}{%
4036   \ensuremath{{}^3}}{%
4037 }
4038 \ProvideTextCommandDefault{\texttimes}{%
4039   \ensuremath{\times}%
4040 }
4041 \ProvideTextCommandDefault{\texttwosuperior}{%
4042   \ensuremath{{}^2}}{%
4043 }
4044 \DeclareInputText{128}{\texteuro}

```

```

4045 \DeclareInputText{130}{\quotesinglbase}
4046 \DeclareInputText{132}{\quotedblbase}
4047 \DeclareInputText{133}{\textellipsis}
4048 \DeclareInputText{134}{\textdagger}
4049 \DeclareInputText{135}{\textdaggerdbl}
4050 \DeclareInputText{137}{\textperthousand}
4051 \DeclareInputText{139}{\guilsinglleft}
4052 \DeclareInputText{141}{\textasciidieresis}
4053 \DeclareInputText{142}{\textasciicaron}
4054 \DeclareInputText{143}{\c\ }
4055 \DeclareInputText{145}{\textquoteleft}
4056 \DeclareInputText{146}{\textquoteright}
4057 \DeclareInputText{147}{\textquotedblleft}
4058 \DeclareInputText{148}{\textquotedblright}
4059 \DeclareInputText{149}{\textbullet}
4060 \DeclareInputText{150}{\textendash}
4061 \DeclareInputText{151}{\textemdash}
4062 \DeclareInputText{153}{\texttrademark}
4063 \DeclareInputText{155}{\guilsinglright}
4064 \DeclareInputText{157}{\textasciimacron}
4065 \DeclareInputText{158}{\k{}}
4066 \DeclareInputText{160}{\nobreakspace}
4067 \DeclareInputText{162}{\textcent}
4068 \DeclareInputText{163}{\textsterling}
4069 \DeclareInputText{164}{\textcurrency}
4070 \DeclareInputText{166}{\textbrokenbar}
4071 \DeclareInputText{167}{\textsection}
4072 \DeclareInputText{168}{\0}
4073 \DeclareInputText{169}{\textcopyright}
4074 \DeclareInputText{170}{\c R}
4075 \DeclareInputText{171}{\guillemotleft}
4076 \DeclareInputText{172}{\textlnot}
4077 \DeclareInputText{173}{\textasciitilde}
4078 \DeclareInputText{174}{\textregistered}
4079 \DeclareInputText{175}{\AE}
4080 \DeclareInputText{176}{\textdegree}
4081 \DeclareInputText{177}{\textpm}
4082 \DeclareInputText{178}{\texttwosuperior}
4083 \DeclareInputText{179}{\textthreesuperior}
4084 \DeclareInputText{180}{\textasciicute}
4085 \DeclareInputText{181}{\textmu}
4086 \DeclareInputText{182}{\textparagraph}
4087 \DeclareInputText{183}{\textperiodcentered}
4088 \DeclareInputText{184}{\o}
4089 \DeclareInputText{185}{\textonesuperior}
4090 \DeclareInputText{186}{\c r}
4091 \DeclareInputText{187}{\guillemotright}
4092 \DeclareInputText{188}{\textonequarter}
4093 \DeclareInputText{189}{\textonehalf}
4094 \DeclareInputText{190}{\textthreequarters}
4095 \DeclareInputText{191}{\ae}
4096 \DeclareInputText{192}{\k A}
4097 \DeclareInputText{193}{\k I}
4098 \DeclareInputText{194}{\@tabacckludge=A}
4099 \DeclareInputText{195}{\@tabacckludge'C}
4100 \DeclareInputText{196}{\textasciitilde A}
4101 \DeclareInputText{197}{\r A}
4102 \DeclareInputText{198}{\k E}
4103 \DeclareInputText{199}{\@tabacckludge=E}
4104 \DeclareInputText{200}{\v C}
4105 \DeclareInputText{201}{\@tabacckludge'E}
4106 \DeclareInputText{202}{\@tabacckludge'Z}

```

```

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

```

## 2.5.26 Encoding dec-mcs

```

4162 <*dec – mcs>
4163 \ProvidesFile{x-dec-mcs.def}%
4164 [2009/08/13 v1.4 Input encoding dec-mcs (inputenx)]%
4165 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4166 \makeatletter
4167 \ProvideTextCommandDefault{\textcent}{\%

```



```

4168 \TextSymbolUnavailable\textcent
4169 }
4170 \ProvideTextCommandDefault{\textcurrency}{%
4171 \TextSymbolUnavailable\textcurrency
4172 }
4173 \ProvideTextCommandDefault{\textdegree}{%
4174 \ensuremath{{}^{\circ}}}%
4175 }
4176 \ProvideTextCommandDefault{\textmu}{%
4177 \ensuremath{\mu}
4178 }
4179 \ProvideTextCommandDefault{\textonehalf}{%
4180 \ensuremath{\frac{1}{2}}}%
4181 }
4182 \ProvideTextCommandDefault{\textonequarter}{%
4183 \ensuremath{\frac{1}{4}}}%
4184 }
4185 \ProvideTextCommandDefault{\textonesuperior}{%
4186 \ensuremath{{}^1}}%
4187 }
4188 \ProvideTextCommandDefault{\textpm}{%
4189 \ensuremath{\text{pm}}
4190 }
4191 \ProvideTextCommandDefault{\textthreesuperior}{%
4192 \ensuremath{{}^3}}%
4193 }
4194 \ProvideTextCommandDefault{\texttwosuperior}{%
4195 \ensuremath{{}^2}}%
4196 }
4197 \ProvideTextCommandDefault{\textyen}{%
4198 \TextSymbolUnavailable\textyen
4199 }
4200 \DeclareInputText{161}{\textexclamdown}
4201 \DeclareInputText{162}{\textcent}
4202 \DeclareInputText{163}{\textsterling}
4203 \DeclareInputText{165}{\textyen}
4204 \DeclareInputText{167}{\textsection}
4205 \DeclareInputText{168}{\textcurrency}
4206 \DeclareInputText{169}{\textcopyright}
4207 \DeclareInputText{170}{\textordfeminine}
4208 \DeclareInputText{171}{\guillemotleft}
4209 \DeclareInputText{176}{\textdegree}
4210 \DeclareInputText{177}{\textpm}
4211 \DeclareInputText{178}{\texttwosuperior}
4212 \DeclareInputText{179}{\textthreesuperior}
4213 \DeclareInputText{181}{\textmu}
4214 \DeclareInputText{182}{\textparagraph}
4215 \DeclareInputText{183}{\textperiodcentered}
4216 \DeclareInputText{185}{\textonesuperior}
4217 \DeclareInputText{186}{\textordmasculine}
4218 \DeclareInputText{187}{\guillemotright}
4219 \DeclareInputText{188}{\textonequarter}
4220 \DeclareInputText{189}{\textonehalf}
4221 \DeclareInputText{191}{\textquestiondown}
4222 \DeclareInputText{192}{\@tabacckludge'A}
4223 \DeclareInputText{193}{\@tabacckludge'A}
4224 \DeclareInputText{194}{\^A}
4225 \DeclareInputText{195}{\~A}
4226 \DeclareInputText{196}{\ "A}
4227 \DeclareInputText{197}{\r A}
4228 \DeclareInputText{198}{\AE}
4229 \DeclareInputText{199}{\c C}

```

```

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

```

## 2.5.27 Encoding koi8-r

```

4283 <*koi8 – r>
4284 \ProvidesFile{x-koi8-r.def}%
4285 [2009/08/13 v1.4 Input encoding koi8-r (inputenx)]%
4286 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4287 \makeatletter
4288 \ProvideTextCommandDefault{\textapprox}{%
4289 \ensuremath\approx
4290 }

```

```

4291 \ProvideTextCommandDefault{\textblacksquare}{%
4292   \vrule \@width .3em \@height .4em \@depth -.1em\relax
4293 }
4294 \ProvideTextCommandDefault{\textdegree}{%
4295   \ensuremath{{}^{\circ}}}%
4296 }
4297 \ProvideTextCommandDefault{\textdiv}{%
4298   \TextSymbolUnavailable\textdiv
4299 }
4300 \ProvideTextCommandDefault{\textgreaterorequal}{%
4301   \ensuremath{\geq}
4302 }
4303 \ProvideTextCommandDefault{\textlessequal}{%
4304   \ensuremath{\leq}
4305 }
4306 \ProvideTextCommandDefault{\textsurd}{%
4307   \ensuremath{\text{\textsf{s}}urd}
4308 }
4309 \ProvideTextCommandDefault{\texttwosuperior}{%
4310   \ensuremath{{}^2}}%
4311 }
4312 \DeclareInputText{128}{\textSFx}
4313 \DeclareInputText{129}{\textSFxi}
4314 \DeclareInputText{130}{\textSFi}
4315 \DeclareInputText{131}{\textSFiii}
4316 \DeclareInputText{132}{\textSFii}
4317 \DeclareInputText{133}{\textSFiv}
4318 \DeclareInputText{134}{\textSFviii}
4319 \DeclareInputText{135}{\textSFix}
4320 \DeclareInputText{136}{\textSFvi}
4321 \DeclareInputText{137}{\textSFvii}
4322 \DeclareInputText{138}{\textSFv}
4323 \DeclareInputText{139}{\textupblock}
4324 \DeclareInputText{140}{\textdnblock}
4325 \DeclareInputText{141}{\textblock}
4326 \DeclareInputText{142}{\textlfblock}
4327 \DeclareInputText{143}{\textrtblock}
4328 \DeclareInputText{144}{\textltshade}
4329 \DeclareInputText{145}{\textshade}
4330 \DeclareInputText{146}{\textdkshade}
4331 \DeclareInputText{148}{\textblacksquare}
4332 \DeclareInputText{149}{\textbullet}
4333 \DeclareInputText{150}{\textsurd}
4334 \DeclareInputText{151}{\textapproxequal}
4335 \DeclareInputText{152}{\textlessequal}
4336 \DeclareInputText{153}{\textgreaterorequal}
4337 \DeclareInputText{154}{\nobreakspace}
4338 \DeclareInputText{156}{\textdegree}
4339 \DeclareInputText{157}{\texttwosuperior}
4340 \DeclareInputText{158}{\textperiodcentered}
4341 \DeclareInputText{159}{\textdiv}
4342 \DeclareInputText{160}{\textSFxlili}
4343 \DeclareInputText{161}{\textSFxxiv}
4344 \DeclareInputText{162}{\textSFli}
4345 \DeclareInputText{163}{\textcyryo}
4346 \DeclareInputText{164}{\textSFlii}
4347 \DeclareInputText{165}{\textSFxxxix}
4348 \DeclareInputText{166}{\textSFxxii}
4349 \DeclareInputText{167}{\textSFxxi}
4350 \DeclareInputText{168}{\textSFxxv}
4351 \DeclareInputText{169}{\textSF1}
4352 \DeclareInputText{170}{\textSFlix}

```

```

4353 \DeclareInputText{171}{\textSFxxxviii}
4354 \DeclareInputText{172}{\textSFxxviii}
4355 \DeclareInputText{173}{\textSFxxvii}
4356 \DeclareInputText{174}{\textSFxxvi}
4357 \DeclareInputText{175}{\textSFxxxvi}
4358 \DeclareInputText{176}{\textSFxxxvii}
4359 \DeclareInputText{177}{\textSFxlii}
4360 \DeclareInputText{178}{\textSFxix}
4361 \DeclareInputText{179}{\CYRYO}
4362 \DeclareInputText{180}{\textSFxx}
4363 \DeclareInputText{181}{\textSFxxiii}
4364 \DeclareInputText{182}{\textSFxlvi}
4365 \DeclareInputText{183}{\textSFxlvi}
4366 \DeclareInputText{184}{\textSFxli}
4367 \DeclareInputText{185}{\textSFxlv}
4368 \DeclareInputText{186}{\textSFxli}
4369 \DeclareInputText{187}{\textSFxl}
4370 \DeclareInputText{188}{\textSFliv}
4371 \DeclareInputText{189}{\textSFliii}
4372 \DeclareInputText{190}{\textSFxliv}
4373 \DeclareInputText{191}{\textcopyright}
4374 \DeclareInputText{192}{\cyryu}
4375 \DeclareInputText{193}{\cyra}
4376 \DeclareInputText{194}{\cyrb}
4377 \DeclareInputText{195}{\cyrc}
4378 \DeclareInputText{196}{\cyrd}
4379 \DeclareInputText{197}{\cyre}
4380 \DeclareInputText{198}{\cyrf}
4381 \DeclareInputText{199}{\cyrg}
4382 \DeclareInputText{200}{\cyrh}
4383 \DeclareInputText{201}{\cyri}
4384 \DeclareInputText{202}{\cyrishrt}
4385 \DeclareInputText{203}{\cyrk}
4386 \DeclareInputText{204}{\cyr}
4387 \DeclareInputText{205}{\cyr}
4388 \DeclareInputText{206}{\cyr}
4389 \DeclareInputText{207}{\cyr}
4390 \DeclareInputText{208}{\cyr}
4391 \DeclareInputText{209}{\cyr}
4392 \DeclareInputText{210}{\cyr}
4393 \DeclareInputText{211}{\cyr}
4394 \DeclareInputText{212}{\cyr}
4395 \DeclareInputText{213}{\cyr}
4396 \DeclareInputText{214}{\cyr}
4397 \DeclareInputText{215}{\cyr}
4398 \DeclareInputText{216}{\cyr}
4399 \DeclareInputText{217}{\cyr}
4400 \DeclareInputText{218}{\cyr}
4401 \DeclareInputText{219}{\cyr}
4402 \DeclareInputText{220}{\cyr}
4403 \DeclareInputText{221}{\cyr}
4404 \DeclareInputText{222}{\cyr}
4405 \DeclareInputText{223}{\cyr}
4406 \DeclareInputText{224}{\CYRYU}
4407 \DeclareInputText{225}{\CYRA}
4408 \DeclareInputText{226}{\CYRB}
4409 \DeclareInputText{227}{\CYRC}
4410 \DeclareInputText{228}{\CYRD}
4411 \DeclareInputText{229}{\CYRE}
4412 \DeclareInputText{230}{\CYRF}
4413 \DeclareInputText{231}{\CYRG}
4414 \DeclareInputText{232}{\CYRH}

```

```

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

```

## 2.5.28 Encoding mac-centeuro

```

4440 <*mac - centeuro>
4441 \ProvidesFile{x-mac-centeuro.def}%
4442 [2009/08/13 v1.4 Input encoding mac-centeuro (inputenx)]%
4443 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4444 \makeatletter
4445 \ProvideTextCommandDefault{\textasciicaron}{%
4446   \v{}}%
4447 }
4448 \ProvideTextCommandDefault{\textasciidieresis}{%
4449   \"{}}%
4450 }
4451 \ProvideTextCommandDefault{\textdegree}{%
4452   \ensuremath{^\circ}}%
4453 }
4454 \ProvideTextCommandDefault{\textdiv}{%
4455   \TextSymbolUnavailable\textdiv}
4456 }
4457 \ProvideTextCommandDefault{\textgreaterorequal}{%
4458   \ensuremath\geq}
4459 }
4460 \ProvideTextCommandDefault{\textincrement}{%
4461   \ensuremath\Delta}
4462 }
4463 \ProvideTextCommandDefault{\textlessequal}{%
4464   \ensuremath\leq}
4465 }
4466 \ProvideTextCommandDefault{\textlnot}{%
4467   \ensuremath\not}
4468 }
4469 \ProvideTextCommandDefault{\textlozenge}{%
4470   \ensuremath\diamond}
4471 }
4472 \ProvideTextCommandDefault{\textnotequal}{%
4473   \ensuremath\neq}
4474 }
4475 \ProvideTextCommandDefault{\textpartial}{%

```

```

4476 \ensuremath\partial
4477 }
4478 \ProvideTextCommandDefault{\textsummation}{%
4479 \ensuremath\Sigma
4480 }
4481 \ProvideTextCommandDefault{\textsurd}{%
4482 \ensuremath\surd
4483 }
4484 \DeclareInputText{128}{\A}
4485 \DeclareInputText{129}{\@tabacckludge=A}
4486 \DeclareInputText{130}{\@tabacckludge=a}
4487 \DeclareInputText{131}{\@tabacckludge'E}
4488 \DeclareInputText{132}{\k A}
4489 \DeclareInputText{133}{\O}
4490 \DeclareInputText{134}{\U}
4491 \DeclareInputText{135}{\@tabacckludge'a}
4492 \DeclareInputText{136}{\k a}
4493 \DeclareInputText{137}{\v C}
4494 \DeclareInputText{138}{\a}
4495 \DeclareInputText{139}{\v c}
4496 \DeclareInputText{140}{\@tabacckludge'C}
4497 \DeclareInputText{141}{\@tabacckludge'c}
4498 \DeclareInputText{142}{\@tabacckludge'e}
4499 \DeclareInputText{143}{\@tabacckludge'Z}
4500 \DeclareInputText{144}{\@tabacckludge'z}
4501 \DeclareInputText{145}{\v D}
4502 \DeclareInputText{146}{\@tabacckludge'i}
4503 \DeclareInputText{147}{\v d}
4504 \DeclareInputText{148}{\@tabacckludge=E}
4505 \DeclareInputText{149}{\@tabacckludge=e}
4506 \DeclareInputText{150}{\E}
4507 \DeclareInputText{151}{\@tabacckludge'o}
4508 \DeclareInputText{152}{\e}
4509 \DeclareInputText{153}{\^o}
4510 \DeclareInputText{154}{\o}
4511 \DeclareInputText{155}{\~o}
4512 \DeclareInputText{156}{\@tabacckludge'u}
4513 \DeclareInputText{157}{\v E}
4514 \DeclareInputText{158}{\v e}
4515 \DeclareInputText{159}{\u}
4516 \DeclareInputText{160}{\textdagger}
4517 \DeclareInputText{161}{\textdegree}
4518 \DeclareInputText{162}{\k E}
4519 \DeclareInputText{163}{\textsterling}
4520 \DeclareInputText{164}{\textsection}
4521 \DeclareInputText{165}{\textbullet}
4522 \DeclareInputText{166}{\textparagraph}
4523 \DeclareInputText{167}{\ss}
4524 \DeclareInputText{168}{\textregistered}
4525 \DeclareInputText{169}{\textcopyright}
4526 \DeclareInputText{170}{\texttrademark}
4527 \DeclareInputText{171}{\k e}
4528 \DeclareInputText{172}{\textasciidieresis}
4529 \DeclareInputText{173}{\textnotequal}
4530 \DeclareInputText{174}{\v g}
4531 \DeclareInputText{175}{\k I}
4532 \DeclareInputText{176}{\k i}
4533 \DeclareInputText{177}{\@tabacckludge=I}
4534 \DeclareInputText{178}{\textlessequal}
4535 \DeclareInputText{179}{\textgreaterequal}
4536 \DeclareInputText{180}{\@tabacckludge=i}
4537 \DeclareInputText{181}{\c K}

```

```

4538 \DeclareInputText{182}{\textpartial}
4539 \DeclareInputText{183}{\textsummation}
4540 \DeclareInputText{184}{\l}
4541 \DeclareInputText{185}{\c L}
4542 \DeclareInputText{186}{\c l}
4543 \DeclareInputText{187}{\v L}
4544 \DeclareInputText{188}{\v l}
4545 \DeclareInputText{189}{\@tabacckludge'L}
4546 \DeclareInputText{190}{\@tabacckludge'l}
4547 \DeclareInputText{191}{\c N}
4548 \DeclareInputText{192}{\c n}
4549 \DeclareInputText{193}{\@tabacckludge'N}
4550 \DeclareInputText{194}{\textlnot}
4551 \DeclareInputText{195}{\textsurd}
4552 \DeclareInputText{196}{\@tabacckludge'n}
4553 \DeclareInputText{197}{\v N}
4554 \DeclareInputText{198}{\textincrement}
4555 \DeclareInputText{199}{\guillemotleft}
4556 \DeclareInputText{200}{\guillemotright}
4557 \DeclareInputText{201}{\textellipsis}
4558 \DeclareInputText{202}{\nobreakspace}
4559 \DeclareInputText{203}{\v n}
4560 \DeclareInputText{204}{\H O}
4561 \DeclareInputText{205}{\~O}
4562 \DeclareInputText{206}{\H o}
4563 \DeclareInputText{207}{\@tabacckludge=0}
4564 \DeclareInputText{208}{\textendash}
4565 \DeclareInputText{209}{\textemdash}
4566 \DeclareInputText{210}{\textquotedblleft}
4567 \DeclareInputText{211}{\textquotedblright}
4568 \DeclareInputText{212}{\textquoteleft}
4569 \DeclareInputText{213}{\textquoteright}
4570 \DeclareInputText{214}{\textdiv}
4571 \DeclareInputText{215}{\textlozenge}
4572 \DeclareInputText{216}{\@tabacckludge=o}
4573 \DeclareInputText{217}{\@tabacckludge'R}
4574 \DeclareInputText{218}{\@tabacckludge'r}
4575 \DeclareInputText{219}{\v R}
4576 \DeclareInputText{220}{\guilsinglleft}
4577 \DeclareInputText{221}{\guilsinglright}
4578 \DeclareInputText{222}{\v r}
4579 \DeclareInputText{223}{\c R}
4580 \DeclareInputText{224}{\c r}
4581 \DeclareInputText{225}{\v S}
4582 \DeclareInputText{226}{\quotesinglbase}
4583 \DeclareInputText{227}{\quotedblbase}
4584 \DeclareInputText{228}{\v s}
4585 \DeclareInputText{229}{\@tabacckludge'S}
4586 \DeclareInputText{230}{\@tabacckludge's}
4587 \DeclareInputText{231}{\@tabacckludge'A}
4588 \DeclareInputText{232}{\v T}
4589 \DeclareInputText{233}{\v t}
4590 \DeclareInputText{234}{\@tabacckludge'I}
4591 \DeclareInputText{235}{\v Z}
4592 \DeclareInputText{236}{\v z}
4593 \DeclareInputText{237}{\@tabacckludge=U}
4594 \DeclareInputText{238}{\@tabacckludge'O}
4595 \DeclareInputText{239}{\~O}
4596 \DeclareInputText{240}{\@tabacckludge=u}
4597 \DeclareInputText{241}{\r U}
4598 \DeclareInputText{242}{\@tabacckludge'U}
4599 \DeclareInputText{243}{\r u}

```

```

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

```

### 2.5.29 Encoding mac-cyrillic

```

4614 \<*mac – cyrillic>
4615 \ProvidesFile{x-mac-cyrillic.def}%
4616 [2009/08/13 v1.4 Input encoding mac-cyrillic (inputenx)]%
4617 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4618 \makeatletter
4619 \ProvideTextCommandDefault{\textapproxequal}{%
4620   \ensuremath\approx
4621 }
4622 \ProvideTextCommandDefault{\textdegree}{%
4623   \ensuremath{^\circ}
4624 }
4625 \ProvideTextCommandDefault{\textdiv}{%
4626   \TextSymbolUnavailable\textdiv
4627 }
4628 \ProvideTextCommandDefault{\texteuro}{%
4629   \TextSymbolUnavailable\texteuro
4630 }
4631 \ProvideTextCommandDefault{\textflorin}{%
4632   \textit{f}
4633 }
4634 \ProvideTextCommandDefault{\textgreaterequal}{%
4635   \ensuremath\geq
4636 }
4637 \ProvideTextCommandDefault{\textincrement}{%
4638   \ensuremath\Delta
4639 }
4640 \ProvideTextCommandDefault{\textinfinity}{%
4641   \ensuremath\infty
4642 }
4643 \ProvideTextCommandDefault{\textlessequal}{%
4644   \ensuremath\leq
4645 }
4646 \ProvideTextCommandDefault{\textlnot}{%
4647   \ensuremath\not
4648 }
4649 \ProvideTextCommandDefault{\textmu}{%
4650   \ensuremath\mu
4651 }
4652 \ProvideTextCommandDefault{\textnotequal}{%
4653   \ensuremath\neq
4654 }
4655 \ProvideTextCommandDefault{\textnumero}{%
4656   N\%
4657   \bgroup
4658     \check@mathfonts
4659     \fontsize\sf@size\z@
4660     \math@fontsfalse

```



```

4661 \selectfont
4662 \ooalign{%
4663 \raise0.5ex\hbox{o}%
4664 \crr
4665 \hline
4666 }%
4667 \egroup
4668 }
4669 \ProvideTextCommandDefault{\textpm}{%
4670 \ensuremath\pm
4671 }
4672 \ProvideTextCommandDefault{\textsurd}{%
4673 \ensuremath\surd
4674 }
4675 \DeclareInputText{128}{\CYRA}
4676 \DeclareInputText{129}{\CYRB}
4677 \DeclareInputText{130}{\CYRV}
4678 \DeclareInputText{131}{\CYRG}
4679 \DeclareInputText{132}{\CYRD}
4680 \DeclareInputText{133}{\CYRE}
4681 \DeclareInputText{134}{\CYRZH}
4682 \DeclareInputText{135}{\CYRZ}
4683 \DeclareInputText{136}{\CYRI}
4684 \DeclareInputText{137}{\CYRISHRT}
4685 \DeclareInputText{138}{\CYRK}
4686 \DeclareInputText{139}{\CYRL}
4687 \DeclareInputText{140}{\CYRM}
4688 \DeclareInputText{141}{\CYRN}
4689 \DeclareInputText{142}{\CYRO}
4690 \DeclareInputText{143}{\CYRP}
4691 \DeclareInputText{144}{\CYRR}
4692 \DeclareInputText{145}{\CYRS}
4693 \DeclareInputText{146}{\CYRT}
4694 \DeclareInputText{147}{\CYRU}
4695 \DeclareInputText{148}{\CYRF}
4696 \DeclareInputText{149}{\CYRH}
4697 \DeclareInputText{150}{\CYRC}
4698 \DeclareInputText{151}{\CYRCH}
4699 \DeclareInputText{152}{\CYRSH}
4700 \DeclareInputText{153}{\CYRSHCH}
4701 \DeclareInputText{154}{\CYRHRDSN}
4702 \DeclareInputText{155}{\CYRERY}
4703 \DeclareInputText{156}{\CYRSFTSN}
4704 \DeclareInputText{157}{\CYREREV}
4705 \DeclareInputText{158}{\CYRYU}
4706 \DeclareInputText{159}{\CYRYA}
4707 \DeclareInputText{160}{\textdagger}
4708 \DeclareInputText{161}{\textdegree}
4709 \DeclareInputText{162}{\CYRGUP}
4710 \DeclareInputText{163}{\textsterling}
4711 \DeclareInputText{164}{\textsection}
4712 \DeclareInputText{165}{\textbullet}
4713 \DeclareInputText{166}{\textparagraph}
4714 \DeclareInputText{167}{\CYRII}
4715 \DeclareInputText{168}{\textregistered}
4716 \DeclareInputText{169}{\textcopyright}
4717 \DeclareInputText{170}{\texttrademark}
4718 \DeclareInputText{171}{\CYRDJE}
4719 \DeclareInputText{172}{\cyrdje}
4720 \DeclareInputText{173}{\textnotequal}
4721 \DeclareInputText{174}{\@tabacckludge'\CYRG}
4722 \DeclareInputText{175}{\@tabacckludge'\cyrg}

```

```

4723 \DeclareInputText{176}{\textinfini}
4724 \DeclareInputText{177}{\textpm}
4725 \DeclareInputText{178}{\textlesseq}
4726 \DeclareInputText{179}{\textgtrereq}
4727 \DeclareInputText{180}{\cyr ii}
4728 \DeclareInputText{181}{\textmu}
4729 \DeclareInputText{182}{\cyr gup}
4730 \DeclareInputText{183}{\CYRJE}
4731 \DeclareInputText{184}{\CYRIE}
4732 \DeclareInputText{185}{\cyr ie}
4733 \DeclareInputText{186}{\CYRYI}
4734 \DeclareInputText{187}{\cyr yi}
4735 \DeclareInputText{188}{\CYRLJE}
4736 \DeclareInputText{189}{\cyr lje}
4737 \DeclareInputText{190}{\CYRNJE}
4738 \DeclareInputText{191}{\cyr nje}
4739 \DeclareInputText{192}{\cyr je}
4740 \DeclareInputText{193}{\CYRDZE}
4741 \DeclareInputText{194}{\textlnot}
4742 \DeclareInputText{195}{\textsurd}
4743 \DeclareInputText{196}{\textflorin}
4744 \DeclareInputText{197}{\textapproxeq}
4745 \DeclareInputText{198}{\textincrement}
4746 \DeclareInputText{199}{\guillemotleft}
4747 \DeclareInputText{200}{\guillemotright}
4748 \DeclareInputText{201}{\textellipsis}
4749 \DeclareInputText{202}{\nobreakspace}
4750 \DeclareInputText{203}{\CYRTSHE}
4751 \DeclareInputText{204}{\cyr tshe}
4752 \DeclareInputText{205}{\@tabacckludge'\CYRK}
4753 \DeclareInputText{206}{\@tabacckludge'\cyrk}
4754 \DeclareInputText{207}{\cyr dze}
4755 \DeclareInputText{208}{\textendash}
4756 \DeclareInputText{209}{\textemdash}
4757 \DeclareInputText{210}{\textquotedblleft}
4758 \DeclareInputText{211}{\textquotedblright}
4759 \DeclareInputText{212}{\textquoteleft}
4760 \DeclareInputText{213}{\textquoteright}
4761 \DeclareInputText{214}{\textdiv}
4762 \DeclareInputText{215}{\quotedblbase}
4763 \DeclareInputText{216}{\CYRUSHRT}
4764 \DeclareInputText{217}{\cyrushrt}
4765 \DeclareInputText{218}{\CYRDZHE}
4766 \DeclareInputText{219}{\cyr dzhe}
4767 \DeclareInputText{220}{\textnumero}
4768 \DeclareInputText{221}{\CYRYO}
4769 \DeclareInputText{222}{\cyr yo}
4770 \DeclareInputText{223}{\cyr ya}
4771 \DeclareInputText{224}{\cyr a}
4772 \DeclareInputText{225}{\cyr b}
4773 \DeclareInputText{226}{\cyr v}
4774 \DeclareInputText{227}{\cyr g}
4775 \DeclareInputText{228}{\cyr d}
4776 \DeclareInputText{229}{\cyr e}
4777 \DeclareInputText{230}{\cyr zh}
4778 \DeclareInputText{231}{\cyr z}
4779 \DeclareInputText{232}{\cyr i}
4780 \DeclareInputText{233}{\cyr ishrt}
4781 \DeclareInputText{234}{\cyr k}
4782 \DeclareInputText{235}{\cyr l}
4783 \DeclareInputText{236}{\cyr m}
4784 \DeclareInputText{237}{\cyr n}

```

```

4785 \DeclareInputText{238}{\cyro}
4786 \DeclareInputText{239}{\cyrp}
4787 \DeclareInputText{240}{\cyrr}
4788 \DeclareInputText{241}{\cyr s}
4789 \DeclareInputText{242}{\cyr t}
4790 \DeclareInputText{243}{\cyr u}
4791 \DeclareInputText{244}{\cyr f}
4792 \DeclareInputText{245}{\cyr h}
4793 \DeclareInputText{246}{\cyr c}
4794 \DeclareInputText{247}{\cyr ch}
4795 \DeclareInputText{248}{\cyr sh}
4796 \DeclareInputText{249}{\cyr shch}
4797 \DeclareInputText{250}{\cyr hrdsn}
4798 \DeclareInputText{251}{\cyr ery}
4799 \DeclareInputText{252}{\cyr sfts n}
4800 \DeclareInputText{253}{\cyr rev}
4801 \DeclareInputText{254}{\cyr yu}
4802 \DeclareInputText{255}{\texteuro}
4803 \RestoreAtCatcode
4804 \</mac – cyrillic>

```

### 2.5.30 Encoding mac-roman

```

4805 \<*mac – roman>
4806 \ProvidesFile{x-mac-roman.def}%
4807 [2009/08/13 v1.4 Input encoding mac-roman (inputenx)]%
4808 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4809 \makeatletter
4810 \ProvideTextCommandDefault{\textOmega}{%
4811   \ensuremath{\Omega}
4812 }
4813 \ProvideTextCommandDefault{\textacutedbl}{%
4814   \H{}}%
4815 }
4816 \ProvideTextCommandDefault{\textapproxequal}{%
4817   \ensuremath{\approx}
4818 }
4819 \ProvideTextCommandDefault{\textasciiacute}{%
4820   \@tabacckludge'{}%
4821 }
4822 \ProvideTextCommandDefault{\textasciibreve}{%
4823   \u{}}%
4824 }
4825 \ProvideTextCommandDefault{\textasciicaron}{%
4826   \v{}}%
4827 }
4828 \ProvideTextCommandDefault{\textasciidieresis}{%
4829   \">{}}%
4830 }
4831 \ProvideTextCommandDefault{\textasciimacron}{%
4832   \@tabacckludge={}%
4833 }
4834 \ProvideTextCommandDefault{\textcent}{%
4835   \TextSymbolUnavailable\textcent
4836 }
4837 \ProvideTextCommandDefault{\textdegree}{%
4838   \ensuremath{{}^{\circ}}%
4839 }
4840 \ProvideTextCommandDefault{\textdiv}{%
4841   \TextSymbolUnavailable\textdiv
4842 }
4843 \ProvideTextCommandDefault{\texteuro}{%
4844   \TextSymbolUnavailable\texteuro
4845 }

```

```

4846 \ProvideTextCommandDefault{\textflorin}{%
4847   \textit{f}}%
4848 }
4849 \ProvideTextCommandDefault{\textfractionsolidus}{%
4850   /}%
4851 }
4852 \ProvideTextCommandDefault{\textgreaterorequal}{%
4853   \ensuremath\geq
4854 }
4855 \ProvideTextCommandDefault{\textincrement}{%
4856   \ensuremath\Delta
4857 }
4858 \ProvideTextCommandDefault{\textinfinity}{%
4859   \ensuremath\infty
4860 }
4861 \ProvideTextCommandDefault{\textintegral}{%
4862   \ensuremath\int
4863 }
4864 \ProvideTextCommandDefault{\textlessequal}{%
4865   \ensuremath\leq
4866 }
4867 \ProvideTextCommandDefault{\textlnot}{%
4868   \ensuremath\not
4869 }
4870 \ProvideTextCommandDefault{\textlozenge}{%
4871   \ensuremath\diamond
4872 }
4873 \ProvideTextCommandDefault{\textmu}{%
4874   \ensuremath\mu
4875 }
4876 \ProvideTextCommandDefault{\textnotequal}{%
4877   \ensuremath\neq
4878 }
4879 \ProvideTextCommandDefault{\textpartial}{%
4880   \ensuremath\partial
4881 }
4882 \ProvideTextCommandDefault{\textpi}{%
4883   \ensuremath\pi
4884 }
4885 \ProvideTextCommandDefault{\textpm}{%
4886   \ensuremath\pm
4887 }
4888 \ProvideTextCommandDefault{\textproduct}{%
4889   \ensuremath\Pi
4890 }
4891 \ProvideTextCommandDefault{\textsummation}{%
4892   \ensuremath\Sigma
4893 }
4894 \ProvideTextCommandDefault{\textsurd}{%
4895   \ensuremath\surd
4896 }
4897 \ProvideTextCommandDefault{\textyen}{%
4898   \TextSymbolUnavailable\textyen
4899 }
4900 \DeclareInputText{128}{\A}
4901 \DeclareInputText{129}{\r A}
4902 \DeclareInputText{130}{\c C}
4903 \DeclareInputText{131}{\@tabacckludge'E}
4904 \DeclareInputText{132}{\~N}
4905 \DeclareInputText{133}{\~O}
4906 \DeclareInputText{134}{\~U}
4907 \DeclareInputText{135}{\@tabacckludge'a}

```

4908 \DeclareInputText{136}{\@tabacckludge'a}  
 4909 \DeclareInputText{137}{\^a}  
 4910 \DeclareInputText{138}{\"a}  
 4911 \DeclareInputText{139}{\~a}  
 4912 \DeclareInputText{140}{\r a}  
 4913 \DeclareInputText{141}{\c c}  
 4914 \DeclareInputText{142}{\@tabacckludge'e}  
 4915 \DeclareInputText{143}{\@tabacckludge'e}  
 4916 \DeclareInputText{144}{\^e}  
 4917 \DeclareInputText{145}{\"e}  
 4918 \DeclareInputText{146}{\@tabacckludge'i}  
 4919 \DeclareInputText{147}{\@tabacckludge'i}  
 4920 \DeclareInputText{148}{\^i}  
 4921 \DeclareInputText{149}{\"i}  
 4922 \DeclareInputText{150}{\~n}  
 4923 \DeclareInputText{151}{\@tabacckludge'o}  
 4924 \DeclareInputText{152}{\@tabacckludge'o}  
 4925 \DeclareInputText{153}{\^o}  
 4926 \DeclareInputText{154}{\"o}  
 4927 \DeclareInputText{155}{\~o}  
 4928 \DeclareInputText{156}{\@tabacckludge'u}  
 4929 \DeclareInputText{157}{\@tabacckludge'u}  
 4930 \DeclareInputText{158}{\^u}  
 4931 \DeclareInputText{159}{\"u}  
 4932 \DeclareInputText{160}{\textdagger}  
 4933 \DeclareInputText{161}{\textdegree}  
 4934 \DeclareInputText{162}{\textcent}  
 4935 \DeclareInputText{163}{\textsterling}  
 4936 \DeclareInputText{164}{\textsection}  
 4937 \DeclareInputText{165}{\textbullet}  
 4938 \DeclareInputText{166}{\textparagraph}  
 4939 \DeclareInputText{167}{\ss}  
 4940 \DeclareInputText{168}{\textregistered}  
 4941 \DeclareInputText{169}{\textcopyright}  
 4942 \DeclareInputText{170}{\texttrademark}  
 4943 \DeclareInputText{171}{\textasciiacute}  
 4944 \DeclareInputText{172}{\textasciidieresis}  
 4945 \DeclareInputText{173}{\textnotequal}  
 4946 \DeclareInputText{174}{\AE}  
 4947 \DeclareInputText{175}{\O}  
 4948 \DeclareInputText{176}{\textinfinity}  
 4949 \DeclareInputText{177}{\textpm}  
 4950 \DeclareInputText{178}{\textlessequal}  
 4951 \DeclareInputText{179}{\textgreaterequal}  
 4952 \DeclareInputText{180}{\textyen}  
 4953 \DeclareInputText{181}{\textmu}  
 4954 \DeclareInputText{182}{\textpartial}  
 4955 \DeclareInputText{183}{\textsummation}  
 4956 \DeclareInputText{184}{\textproduct}  
 4957 \DeclareInputText{185}{\textpi}  
 4958 \DeclareInputText{186}{\textintegral}  
 4959 \DeclareInputText{187}{\textordfeminine}  
 4960 \DeclareInputText{188}{\textordmasculine}  
 4961 \DeclareInputText{189}{\textOmega}  
 4962 \DeclareInputText{190}{\ae}  
 4963 \DeclareInputText{191}{\o}  
 4964 \DeclareInputText{192}{\textquestiondown}  
 4965 \DeclareInputText{193}{\textexclamdown}  
 4966 \DeclareInputText{194}{\textlnot}  
 4967 \DeclareInputText{195}{\textsurd}  
 4968 \DeclareInputText{196}{\textflorin}  
 4969 \DeclareInputText{197}{\textapproxequal}

```

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

```

### 2.5.31 Encoding nextstep

```

5029 \<*nextstep>
5030 \ProvidesFile{x-nextstep.def}%

```

```

5031 [2009/08/13 v1.4 Input encoding nextstep (inputenx)]%
5032 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5033 \makeatletter
5034 \ProvideTextCommandDefault{\textacutedbl}{%
5035   \H{}}%
5036 }
5037 \ProvideTextCommandDefault{\textasciiacute}{%
5038   \@tabacckludge'{}%
5039 }
5040 \ProvideTextCommandDefault{\textasciibreve}{%
5041   \u{}}%
5042 }
5043 \ProvideTextCommandDefault{\textasciicaron}{%
5044   \v{}}%
5045 }
5046 \ProvideTextCommandDefault{\textasciidieresis}{%
5047   \"{}}%
5048 }
5049 \ProvideTextCommandDefault{\textasciigrave}{%
5050   \@tabacckludge'{}%
5051 }
5052 \ProvideTextCommandDefault{\textasciimacron}{%
5053   \@tabacckludge={}%
5054 }
5055 \ProvideTextCommandDefault{\textbrokenbar}{%
5056   \TextSymbolUnavailable\textbrokenbar
5057 }
5058 \ProvideTextCommandDefault{\textcent}{%
5059   \TextSymbolUnavailable\textcent
5060 }
5061 \ProvideTextCommandDefault{\textcurrency}{%
5062   \TextSymbolUnavailable\textcurrency
5063 }
5064 \ProvideTextCommandDefault{\textdiv}{%
5065   \TextSymbolUnavailable\textdiv
5066 }
5067 \ProvideTextCommandDefault{\textflorin}{%
5068   \textit{f}}%
5069 }
5070 \ProvideTextCommandDefault{\textfractionsolidus}{%
5071   /}%
5072 }
5073 \ProvideTextCommandDefault{\textlnot}{%
5074   \ensuremath{\lnot}
5075 }
5076 \ProvideTextCommandDefault{\textmu}{%
5077   \ensuremath{\mu}
5078 }
5079 \ProvideTextCommandDefault{\textonehalf}{%
5080   \ensuremath{\frac{1}{2}}%
5081 }
5082 \ProvideTextCommandDefault{\textonequarter}{%
5083   \ensuremath{\frac{1}{4}}%
5084 }
5085 \ProvideTextCommandDefault{\textonesuperior}{%
5086   \ensuremath{{}^1}%
5087 }
5088 \ProvideTextCommandDefault{\textpm}{%
5089   \ensuremath{\pm}
5090 }
5091 \ProvideTextCommandDefault{\textthreequarters}{%
5092   \ensuremath{\frac{3}{4}}%

```

```

5093 }
5094 \ProvideTextCommandDefault{\textthreesuperior}{%
5095   \ensuremath{{}^3}}%
5096 }
5097 \ProvideTextCommandDefault{\texttimes}{%
5098   \ensuremath\times
5099 }
5100 \ProvideTextCommandDefault{\texttwosuperior}{%
5101   \ensuremath{{}^2}}%
5102 }
5103 \ProvideTextCommandDefault{\textyen}{%
5104   \TextSymbolUnavailable\textyen
5105 }
5106 \DeclareInputText{128}{\nobreakspace}
5107 \DeclareInputText{129}{\@tabacckludge'A}
5108 \DeclareInputText{130}{\@tabacckludge'A}
5109 \DeclareInputText{131}{\^A}
5110 \DeclareInputText{132}{\~A}
5111 \DeclareInputText{133}{\ "A}
5112 \DeclareInputText{134}{\r A}
5113 \DeclareInputText{135}{\c C}
5114 \DeclareInputText{136}{\@tabacckludge'E}
5115 \DeclareInputText{137}{\@tabacckludge'E}
5116 \DeclareInputText{138}{\^E}
5117 \DeclareInputText{139}{\ "E}
5118 \DeclareInputText{140}{\@tabacckludge'I}
5119 \DeclareInputText{141}{\@tabacckludge'I}
5120 \DeclareInputText{142}{\^I}
5121 \DeclareInputText{143}{\ "I}
5122 \DeclareInputText{144}{\DH}
5123 \DeclareInputText{145}{\^N}
5124 \DeclareInputText{146}{\@tabacckludge'O}
5125 \DeclareInputText{147}{\@tabacckludge'O}
5126 \DeclareInputText{148}{\^O}
5127 \DeclareInputText{149}{\ "O}
5128 \DeclareInputText{150}{\ "O}
5129 \DeclareInputText{151}{\@tabacckludge'U}
5130 \DeclareInputText{152}{\@tabacckludge'U}
5131 \DeclareInputText{153}{\^U}
5132 \DeclareInputText{154}{\ "U}
5133 \DeclareInputText{155}{\@tabacckludge'Y}
5134 \DeclareInputText{156}{\TH}
5135 \DeclareInputText{157}{\textmu}
5136 \DeclareInputText{158}{\texttimes}
5137 \DeclareInputText{159}{\textdiv}
5138 \DeclareInputText{160}{\textcopyright}
5139 \DeclareInputText{161}{\textexclamdown}
5140 \DeclareInputText{162}{\textcent}
5141 \DeclareInputText{163}{\textsterling}
5142 \DeclareInputText{164}{\textfractionsolidus}
5143 \DeclareInputText{165}{\textyen}
5144 \DeclareInputText{166}{\textflorin}
5145 \DeclareInputText{167}{\textsection}
5146 \DeclareInputText{168}{\textcurrency}
5147 \DeclareInputText{169}{\textquoteright}
5148 \DeclareInputText{170}{\textquotedblleft}
5149 \DeclareInputText{171}{\guillemotleft}
5150 \DeclareInputText{172}{\guilsinglleft}
5151 \DeclareInputText{173}{\guilsinglright}
5152 \DeclareInputText{174}{\fi}
5153 \DeclareInputText{175}{\fl}
5154 \DeclareInputText{176}{\textregistered}

```



5155 \DeclareInputText{177}{\textendash}  
5156 \DeclareInputText{178}{\textdagger}  
5157 \DeclareInputText{179}{\textdaggerdbl}  
5158 \DeclareInputText{180}{\textperiodcentered}  
5159 \DeclareInputText{181}{\textbrokenbar}  
5160 \DeclareInputText{182}{\textparagraph}  
5161 \DeclareInputText{183}{\textbullet}  
5162 \DeclareInputText{184}{\quotesinglbase}  
5163 \DeclareInputText{185}{\quotedblbase}  
5164 \DeclareInputText{186}{\textquotedblright}  
5165 \DeclareInputText{187}{\guillemotright}  
5166 \DeclareInputText{188}{\textellipsis}  
5167 \DeclareInputText{189}{\textperthousand}  
5168 \DeclareInputText{190}{\textlnot}  
5169 \DeclareInputText{191}{\textquestiondown}  
5170 \DeclareInputText{192}{\textonesuperior}  
5171 \DeclareInputText{193}{\textasciigrave}  
5172 \DeclareInputText{194}{\textasciicircum}  
5173 \DeclareInputText{195}{\textasciicircum}  
5174 \DeclareInputText{196}{\textasciitilde}  
5175 \DeclareInputText{197}{\textasciimacron}  
5176 \DeclareInputText{198}{\textasciibreve}  
5177 \DeclareInputText{199}{\textasciibreve}  
5178 \DeclareInputText{200}{\textasciidieresis}  
5179 \DeclareInputText{201}{\textttosuperior}  
5180 \DeclareInputText{202}{\textasciicaron}  
5181 \DeclareInputText{203}{\textasciicaron}  
5182 \DeclareInputText{204}{\textthreesuperior}  
5183 \DeclareInputText{205}{\textacutedbl}  
5184 \DeclareInputText{206}{\textasciicaron}  
5185 \DeclareInputText{207}{\textasciicaron}  
5186 \DeclareInputText{208}{\textemdash}  
5187 \DeclareInputText{209}{\textpm}  
5188 \DeclareInputText{210}{\textonequarter}  
5189 \DeclareInputText{211}{\textonehalf}  
5190 \DeclareInputText{212}{\textthreequarters}  
5191 \DeclareInputText{213}{\textasciicaron}  
5192 \DeclareInputText{214}{\textasciicaron}  
5193 \DeclareInputText{215}{\textasciicaron}  
5194 \DeclareInputText{216}{\textasciicaron}  
5195 \DeclareInputText{217}{\textasciicaron}  
5196 \DeclareInputText{218}{\textasciicaron}  
5197 \DeclareInputText{219}{\textasciicaron}  
5198 \DeclareInputText{220}{\textasciicaron}  
5199 \DeclareInputText{221}{\textasciicaron}  
5200 \DeclareInputText{222}{\textasciicaron}  
5201 \DeclareInputText{223}{\textasciicaron}  
5202 \DeclareInputText{224}{\textasciicaron}  
5203 \DeclareInputText{225}{\textasciicaron}  
5204 \DeclareInputText{226}{\textasciicaron}  
5205 \DeclareInputText{227}{\textordfeminine}  
5206 \DeclareInputText{228}{\textasciicaron}  
5207 \DeclareInputText{229}{\textasciicaron}  
5208 \DeclareInputText{230}{\textasciicaron}  
5209 \DeclareInputText{231}{\textasciicaron}  
5210 \DeclareInputText{232}{\textasciicaron}  
5211 \DeclareInputText{233}{\textasciicaron}  
5212 \DeclareInputText{234}{\textasciicaron}  
5213 \DeclareInputText{235}{\textordmasculine}  
5214 \DeclareInputText{236}{\textasciicaron}  
5215 \DeclareInputText{237}{\textasciicaron}  
5216 \DeclareInputText{238}{\textasciicaron}

```

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

```

### 2.5.32 Non-Unicode additions

```

5234 <*mac – roman>
5235 \ProvideTextCommandDefault{\textapplelogo}{%
5236   \TextSymbolUnavailable\textapplelogo
5237 }
5238 \DeclareInputText{240}{\textapplelogo}
5239 </mac – roman>

```

## 2.6 Additions for utf8enc.dfu

```

5240 <*dfu>
5241 \ProvidesFile{ix-utf8enc.dfu}%
5242 [2009/08/13 v1.4 Additions of inputenx for utf8enc.dfu]%
5243 \DeclareUnicodeCharacter{00A0}{\nobreakspace}
5244 \DeclareUnicodeCharacter{00AD}{\~}
5245 \DeclareUnicodeCharacter{0100}{\@tabacckludge=A}
5246 \DeclareUnicodeCharacter{0101}{\@tabacckludge=a}
5247 \DeclareUnicodeCharacter{0108}{\~C}
5248 \DeclareUnicodeCharacter{0109}{\~c}
5249 \DeclareUnicodeCharacter{010A}{\~.C}
5250 \DeclareUnicodeCharacter{010B}{\~.c}
5251 \DeclareUnicodeCharacter{0112}{\@tabacckludge=E}
5252 \DeclareUnicodeCharacter{0113}{\@tabacckludge=e}
5253 \DeclareUnicodeCharacter{0116}{\~.E}
5254 \DeclareUnicodeCharacter{0117}{\~.e}
5255 \DeclareUnicodeCharacter{011C}{\~G}
5256 \DeclareUnicodeCharacter{011D}{\~g}
5257 \DeclareUnicodeCharacter{0120}{\~.G}
5258 \DeclareUnicodeCharacter{0121}{\~.g}
5259 \DeclareUnicodeCharacter{0122}{\~c G}
5260 \DeclareUnicodeCharacter{0123}{\~v g}
5261 \DeclareUnicodeCharacter{0124}{\~H}
5262 \DeclareUnicodeCharacter{0125}{\~h}
5263 \DeclareUnicodeCharacter{0126}{\textmalteseH}
5264 \DeclareUnicodeCharacter{0127}{\textmalteseh}
5265 \DeclareUnicodeCharacter{0128}{\~I}
5266 \DeclareUnicodeCharacter{0129}{\~i}
5267 \DeclareUnicodeCharacter{012A}{\@tabacckludge=I}
5268 \DeclareUnicodeCharacter{012B}{\@tabacckludge=i}
5269 \DeclareUnicodeCharacter{012E}{\~k I}
5270 \DeclareUnicodeCharacter{012F}{\~k i}
5271 \DeclareUnicodeCharacter{0134}{\~J}
5272 \DeclareUnicodeCharacter{0135}{\~j}
5273 \DeclareUnicodeCharacter{0136}{\~c K}
5274 \DeclareUnicodeCharacter{0137}{\~c k}

```

```

5275 \DeclareUnicodeCharacter{0138}{\textkra}
5276 \DeclareUnicodeCharacter{013B}{\c L}
5277 \DeclareUnicodeCharacter{013C}{\c l}
5278 \DeclareUnicodeCharacter{0145}{\c N}
5279 \DeclareUnicodeCharacter{0146}{\c n}
5280 \DeclareUnicodeCharacter{014C}{\@tabacckludge=0}
5281 \DeclareUnicodeCharacter{014D}{\@tabacckludge=o}
5282 \DeclareUnicodeCharacter{0156}{\c R}
5283 \DeclareUnicodeCharacter{0157}{\c r}
5284 \DeclareUnicodeCharacter{015C}{\^S}
5285 \DeclareUnicodeCharacter{015D}{\^s}
5286 \DeclareUnicodeCharacter{0166}{\textTstroke}
5287 \DeclareUnicodeCharacter{0167}{\texttstroke}
5288 \DeclareUnicodeCharacter{0168}{\^U}
5289 \DeclareUnicodeCharacter{0169}{\^u}
5290 \DeclareUnicodeCharacter{016A}{\@tabacckludge=U}
5291 \DeclareUnicodeCharacter{016B}{\@tabacckludge=u}
5292 \DeclareUnicodeCharacter{016C}{\u U}
5293 \DeclareUnicodeCharacter{016D}{\u u}
5294 \DeclareUnicodeCharacter{0172}{\k U}
5295 \DeclareUnicodeCharacter{0173}{\k u}
5296 \DeclareUnicodeCharacter{0174}{\^W}
5297 \DeclareUnicodeCharacter{0175}{\^w}
5298 \DeclareUnicodeCharacter{0176}{\^Y}
5299 \DeclareUnicodeCharacter{0177}{\^y}
5300 \DeclareUnicodeCharacter{1E02}{\ .B}
5301 \DeclareUnicodeCharacter{1E03}{\ .b}
5302 \DeclareUnicodeCharacter{1E0A}{\ .D}
5303 \DeclareUnicodeCharacter{1E0B}{\ .d}
5304 \DeclareUnicodeCharacter{1E1E}{\ .F}
5305 \DeclareUnicodeCharacter{1E1F}{\ .f}
5306 \DeclareUnicodeCharacter{1E40}{\ .M}
5307 \DeclareUnicodeCharacter{1E41}{\ .m}
5308 \DeclareUnicodeCharacter{1E56}{\ .P}
5309 \DeclareUnicodeCharacter{1E57}{\ .p}
5310 \DeclareUnicodeCharacter{1E60}{\ .S}
5311 \DeclareUnicodeCharacter{1E61}{\ .s}
5312 \DeclareUnicodeCharacter{1E6A}{\ .T}
5313 \DeclareUnicodeCharacter{1E6B}{\ .t}
5314 \DeclareUnicodeCharacter{1E80}{\@tabacckludge'W}
5315 \DeclareUnicodeCharacter{1E81}{\@tabacckludge'w}
5316 \DeclareUnicodeCharacter{1E82}{\@tabacckludge'W}
5317 \DeclareUnicodeCharacter{1E83}{\@tabacckludge'w}
5318 \DeclareUnicodeCharacter{1E84}{\ "W}
5319 \DeclareUnicodeCharacter{1E85}{\ "w}
5320 \DeclareUnicodeCharacter{1EF2}{\@tabacckludge'Y}
5321 \DeclareUnicodeCharacter{1EF3}{\@tabacckludge'y}
5322 \DeclareUnicodeCharacter{0218}{\textcommabelow S}
5323 \DeclareUnicodeCharacter{0219}{\textcommabelow s}
5324 \DeclareUnicodeCharacter{021A}{\textcommabelow T}
5325 \DeclareUnicodeCharacter{021B}{\textcommabelow t}
5326 \DeclareUnicodeCharacter{02CB}{\textasciigrave}
5327 \DeclareUnicodeCharacter{02D9}{\ .{}}
5328 \DeclareUnicodeCharacter{02DA}{\r{}}
5329 \DeclareUnicodeCharacter{02DB}{\k{}}
5330 \DeclareUnicodeCharacter{0393}{\textGamma}
5331 \DeclareUnicodeCharacter{0398}{\textTheta}
5332 \DeclareUnicodeCharacter{03A3}{\textSigma}
5333 \DeclareUnicodeCharacter{03A6}{\textPhi}
5334 \DeclareUnicodeCharacter{03A9}{\textOmega}
5335 \DeclareUnicodeCharacter{03B1}{\textalpha}
5336 \DeclareUnicodeCharacter{03B2}{\textbeta}

```

5337 \DeclareUnicodeCharacter{03B4}{\textdelta}  
5338 \DeclareUnicodeCharacter{03B5}{\textepsilon}  
5339 \DeclareUnicodeCharacter{03C0}{\textpi}  
5340 \DeclareUnicodeCharacter{03C3}{\textsigma}  
5341 \DeclareUnicodeCharacter{03C4}{\texttau}  
5342 \DeclareUnicodeCharacter{03C6}{\textphi}  
5343 \DeclareUnicodeCharacter{0403}{\@tabacckludge'\CYRG}  
5344 \DeclareUnicodeCharacter{040C}{\@tabacckludge'\CYRK}  
5345 \DeclareUnicodeCharacter{0453}{\@tabacckludge'\cyrg}  
5346 \DeclareUnicodeCharacter{045C}{\@tabacckludge'\cyrk}  
5347 \DeclareUnicodeCharacter{05D0}{\hebbalef}  
5348 \DeclareUnicodeCharacter{05D1}{\hebbet}  
5349 \DeclareUnicodeCharacter{05D2}{\hebgimel}  
5350 \DeclareUnicodeCharacter{05D3}{\hebdalet}  
5351 \DeclareUnicodeCharacter{05D4}{\hebhe}  
5352 \DeclareUnicodeCharacter{05D5}{\hebvav}  
5353 \DeclareUnicodeCharacter{05D6}{\hebzayin}  
5354 \DeclareUnicodeCharacter{05D7}{\hebbhet}  
5355 \DeclareUnicodeCharacter{05D8}{\hebtet}  
5356 \DeclareUnicodeCharacter{05D9}{\hebyod}  
5357 \DeclareUnicodeCharacter{05DA}{\hebfinalkaf}  
5358 \DeclareUnicodeCharacter{05DB}{\hebkaf}  
5359 \DeclareUnicodeCharacter{05DC}{\heblamed}  
5360 \DeclareUnicodeCharacter{05DD}{\hebfinalmem}  
5361 \DeclareUnicodeCharacter{05DE}{\hebmem}  
5362 \DeclareUnicodeCharacter{05DF}{\hebfinalnun}  
5363 \DeclareUnicodeCharacter{05E0}{\hebnnun}  
5364 \DeclareUnicodeCharacter{05E1}{\hebsamekh}  
5365 \DeclareUnicodeCharacter{05E2}{\hebayin}  
5366 \DeclareUnicodeCharacter{05E3}{\hebfinalpe}  
5367 \DeclareUnicodeCharacter{05E4}{\hebpe}  
5368 \DeclareUnicodeCharacter{05E5}{\hebfinaltsadi}  
5369 \DeclareUnicodeCharacter{05E6}{\hebtsadi}  
5370 \DeclareUnicodeCharacter{05E7}{\hebqof}  
5371 \DeclareUnicodeCharacter{05E8}{\hebreish}  
5372 \DeclareUnicodeCharacter{05E9}{\hebshin}  
5373 \DeclareUnicodeCharacter{05EA}{\hebtav}  
5374 \DeclareUnicodeCharacter{2015}{\texthorizontalbar}  
5375 \DeclareUnicodeCharacter{2017}{\textdbllowline}  
5376 \DeclareUnicodeCharacter{207F}{\textnsuperior}  
5377 \DeclareUnicodeCharacter{20A7}{\textpeseta}  
5378 \DeclareUnicodeCharacter{2202}{\textpartial}  
5379 \DeclareUnicodeCharacter{2206}{\textincrement}  
5380 \DeclareUnicodeCharacter{2208}{\textelement}  
5381 \DeclareUnicodeCharacter{220F}{\textproduct}  
5382 \DeclareUnicodeCharacter{2211}{\textsummation}  
5383 \DeclareUnicodeCharacter{2219}{\textbullet}  
5384 \DeclareUnicodeCharacter{221A}{\textsurd}  
5385 \DeclareUnicodeCharacter{221E}{\textinfinity}  
5386 \DeclareUnicodeCharacter{2227}{\textcap}  
5387 \DeclareUnicodeCharacter{2229}{\textintersection}  
5388 \DeclareUnicodeCharacter{222B}{\textintegral}  
5389 \DeclareUnicodeCharacter{222E}{\textcontourintegral}  
5390 \DeclareUnicodeCharacter{2248}{\textapproxequal}  
5391 \DeclareUnicodeCharacter{2260}{\textnotequal}  
5392 \DeclareUnicodeCharacter{2261}{\textequivalence}  
5393 \DeclareUnicodeCharacter{2264}{\textlessequal}  
5394 \DeclareUnicodeCharacter{2265}{\textgreaterequal}  
5395 \DeclareUnicodeCharacter{2310}{\textrevlogicalnot}  
5396 \DeclareUnicodeCharacter{25A0}{\textblacksquare}  
5397 \DeclareUnicodeCharacter{25CA}{\textlozenge}  
5398 \DeclareUnicodeCharacter{FB01}{fi}

```

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

```

## 2.7 Name list

```

5449 <*name>
5450 \ProvidesFile{ix-name.def}%
5451 [2009/08/13 v1.4 Name list (inputenx)]%

```

*List omitted here, see ix-name.def.*

```

5452 </name>

```

## 2.8 Mapping Slot, UC to Encodings

```

5453 <*slot>
5454 \ProvidesFile{ix-slot.def}%
5455 [2009/08/13 v1.4 SLOT and UC to Encodings (inputenx)]%

```

*List omitted here, see ix-slot.def.*

5456  $\langle$ /slot $\rangle$

## 2.9 Mapping UC to LICR

5457  $\langle$ \*uc $\rangle$

5458 \ProvidesFile{ix-uc.def}%

5459 [2009/08/13 v1.4 UC to LICR (inputenx)]%

5460 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}

5461 \makeatletter

*List omitted here, see ix-uc.def.*

5462 \RestoreAtCatcode

5463  $\langle$ /uc $\rangle$

## 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 L<sup>A</sup>T<sub>E</sub>X encodings using \DeclareInputMath.

5464  $\langle$ \*math $\rangle$

5465 \ProvidesFile{ix-math.def}%

5466 [2009/08/13 v1.4 Math list (inputenx)]%

5467 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}

5468 \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.

5469 \DeclareMathMeaning{\ss}{\beta}

5470 \DeclareMathMeaning{\textalpha}{\alpha}

5471 \DeclareMathMeaning{\textapproxequal}{\aprox}

5472 \DeclareMathMeaning{\textbardbl}{\Vert}% = \lvert

5473 \DeclareMathMeaning{\textbeta}{\beta}

5474 \DeclareMathMeaning{\textbullet}{\bullet}

5475 \DeclareMathMeaning{\textcap}{\cap}

5476 \DeclareMathMeaning{\textcontourintegral}{\oint}

5477 \DeclareMathMeaning{\textcopyright}{\nfss@text{\textcopyright}}

5478 \DeclareMathMeaning{\textcup}{\cup}

5479 \DeclareMathMeaning{\textdagger}{\dagger}

5480 \DeclareMathMeaning{\textdaggerdbl}{\ddagger}

5481 \DeclareMathMeaning{\textdegree}{\textcircled{\tiny{0}}}

5482 \DeclareMathMeaning{\textdelta}{\delta}

5483 \DeclareMathMeaning{\textdollar}{\mathdollar}

5484 \DeclareMathMeaning{\textepsilon}{\varepsilon}

5485 \DeclareMathMeaning{\textequivalence}{\equiv}

5486 \DeclareMathMeaning{\textbraceleft}{\lbrace}

5487 \DeclareMathMeaning{\textbraceright}{\rbrace}

5488 \DeclareMathMeaning{\textdiv}{\div}

5489 \DeclareMathMeaning{\textdownarrow}{\downarrow}

5490 \DeclareMathMeaning{\textelement}{\in}

5491 \DeclareMathMeaning{\textellipsis}{\mathellipsis}

5492 \DeclareMathMeaning{\textGamma}{\Gamma}

5493 \DeclareMathMeaning{\textgreaterequal}{\geq}

5494 \DeclareMathMeaning{\textincrement}{\Delta}

5495 \DeclareMathMeaning{\textinfinity}{\infty}

5496 \DeclareMathMeaning{\textintegral}{\int}

5497 \DeclareMathMeaning{\textintersection}{\cap}

5498 \DeclareMathMeaning{\textlangle}{\langle}

5499 \DeclareMathMeaning{\textleftarrow}{\leftarrow}

5500 \DeclareMathMeaning{\textlessequal}{\leq}

5501 \DeclareMathMeaning{\textlnot}{\lnot}

5502 \DeclareMathMeaning{\textlogicalnot}{\neg}

5503 \DeclareMathMeaning{\textlozenge}{\diamond}

```

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

5534 \RestoreAtCatcode
5535 \end{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  $\text{\LaTeX}$  without extra packages.

```

5536 \*licrcmds
5537 % List of known LICR commands of inputenx 2009/08/13 v1.4
5538 %
5539 % Format: \LICRcmd{<command>}{<type>}
5540 % Types:
5541 %   Accent: <command> was defined by \DeclareTextAccentDefault
5542 %   Command: <command> was defined by \DeclareTextCommandDefault
5543 %   Symbol: <command> was defined by \DeclareTextSymbolDefault
5544 %   Internal: for \@tabacckludge
5545 %   Extra: additional commands
5546 %
5547 % Entries derived from the 2ekernel part
5548 % of ltoutenc.dtx 2005/11/08 v1.99h.
5549 %
5550 \LICRcmd{\ }{Extra}
5551 \LICRcmd{"}{Composite}
5552 \LICRcmd{'}{Composite}
5553 \LICRcmd{-}{Extra}
5554 \LICRcmd{.}{Composite}
5555 \LICRcmd{=}{Accent}
5556 \LICRcmd{@tabacckludge}{Internal}
5557 \LICRcmd{\AE}{Symbol}
5558 \LICRcmd{\DH}{Symbol}

```

5559 \LICRcmd{\DJ}{Symbol}  
5560 \LICRcmd{\H}{Composite}  
5561 \LICRcmd{\IJ}{Symbol}  
5562 \LICRcmd{\L}{Symbol}  
5563 \LICRcmd{\NG}{Symbol}  
5564 \LICRcmd{\O}{Symbol}  
5565 \LICRcmd{\OE}{Symbol}  
5566 \LICRcmd{\SS}{Symbol}  
5567 \LICRcmd{\TH}{Symbol}  
5568 \LICRcmd{\^}{Composite}  
5569 \LICRcmd{\'}{Composite}  
5570 \LICRcmd{\ae}{Symbol}  
5571 \LICRcmd{\b}{Command}  
5572 \LICRcmd{\c}{Composite}  
5573 \LICRcmd{\d}{Command}  
5574 \LICRcmd{\dh}{Symbol}  
5575 \LICRcmd{\dj}{Symbol}  
5576 \LICRcmd{\guillemotleft}{Symbol}  
5577 \LICRcmd{\guillemotright}{Symbol}  
5578 \LICRcmd{\guilsinglleft}{Symbol}  
5579 \LICRcmd{\guilsinglright}{Symbol}  
5580 \LICRcmd{\i}{Symbol}  
5581 \LICRcmd{\ij}{Symbol}  
5582 \LICRcmd{\j}{Symbol}  
5583 \LICRcmd{\k}{CompositeCommand}  
5584 \LICRcmd{\l}{Symbol}  
5585 \LICRcmd{\ng}{Symbol}  
5586 \LICRcmd{\nobreakspace}{Extra}  
5587 \LICRcmd{\o}{Symbol}  
5588 \LICRcmd{\oe}{Symbol}  
5589 \LICRcmd{\quotedblbase}{Symbol}  
5590 \LICRcmd{\quotesinglbase}{Symbol}  
5591 \LICRcmd{\r}{Composite}  
5592 \LICRcmd{\ss}{Symbol}  
5593 \LICRcmd{\t}{Accent}  
5594 \LICRcmd{\textasciicircum}{Symbol}  
5595 \LICRcmd{\textasciitilde}{Symbol}  
5596 \LICRcmd{\textasteriskcentered}{Symbol}  
5597 \LICRcmd{\textbackslash}{Symbol}  
5598 \LICRcmd{\textbar}{Symbol}  
5599 \LICRcmd{\textbardbl}{Symbol}  
5600 \LICRcmd{\textbigcircle}{Symbol}  
5601 \LICRcmd{\textbraceleft}{Symbol}  
5602 \LICRcmd{\textbraceright}{Symbol}  
5603 \LICRcmd{\textbullet}{Symbol}  
5604 \LICRcmd{\textcircled}{Command}  
5605 \LICRcmd{\textcompwordmark}{Symbol}  
5606 \LICRcmd{\textcopyright}{CommandDefault}  
5607 \LICRcmd{\textdagger}{Symbol}  
5608 \LICRcmd{\textdaggerdbl}{Symbol}  
5609 \LICRcmd{\textdollar}{Symbol}  
5610 \LICRcmd{\textellipsis}{CommandDefault}  
5611 \LICRcmd{\textendash}{Symbol}  
5612 \LICRcmd{\textendash}{Symbol}  
5613 \LICRcmd{\textexclamdown}{Symbol}  
5614 \LICRcmd{\textgreater}{Symbol}  
5615 \LICRcmd{\textless}{Symbol}  
5616 \LICRcmd{\textogonekcentered}{Command}  
5617 \LICRcmd{\textordfeminine}{CommandDefault}  
5618 \LICRcmd{\textordmasculine}{CommandDefault}  
5619 \LICRcmd{\textparagraph}{Symbol}  
5620 \LICRcmd{\textperiodcentered}{Symbol}



```

5621 \LICRcmd{\textpertenthousand}{Command}
5622 \LICRcmd{\textperthousand}{Command}
5623 \LICRcmd{\textquestiondown}{Symbol}
5624 \LICRcmd{\textquotedbl}{Symbol}
5625 \LICRcmd{\textquotedblleft}{Symbol}
5626 \LICRcmd{\textquotedblright}{Symbol}
5627 \LICRcmd{\textquoteleft}{Symbol}
5628 \LICRcmd{\textquoteright}{Symbol}
5629 \LICRcmd{\textregistered}{CommandDefault}
5630 \LICRcmd{\textsection}{Symbol}
5631 \LICRcmd{\textsterling}{Symbol}
5632 \LICRcmd{\texttrademark}{CommandDefault}
5633 \LICRcmd{\textunderscore}{Symbol}
5634 \LICRcmd{\textvisiblespace}{Symbol}
5635 \LICRcmd{\th}{Symbol}
5636 \LICRcmd{\u}{Composite}
5637 \LICRcmd{\v}{Composite}
5638 \LICRcmd{\~}{Composite}
5639 \end{licrcmds}

```

### 2.11.2 Commented additions for utf8enc.dfu

```

5640 <dfudoc>
5641 % inputenx-utf8enc.txt 2009/08/13 v1.4
5642 % Commented additions for utf8enc.dfu
5643
    List omitted here, see inputenx-utf8enc.txt.
5644 </dfudoc>

```

## 3 Installation

### 3.1 Download

**Package.** This package is available on CTAN<sup>1</sup>:

[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<sub>E</sub>X 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
```

**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/
```

---

<sup>1</sup><http://ftp.ctan.org/tex-archive/>

### 3.3 Package installation

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

```
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>	<code>→ tex/latex/oberdiek/inputenx.sty</code>
<code>ix-alias.def</code>	<code>→ tex/latex/oberdiek/ix-alias.def</code>
<code>ix-math.def</code>	<code>→ tex/latex/oberdiek/ix-math.def</code>
<code>ix-name.def</code>	<code>→ tex/latex/oberdiek/ix-name.def</code>
<code>ix-slot.def</code>	<code>→ tex/latex/oberdiek/ix-slot.def</code>
<code>ix-uc.def</code>	<code>→ tex/latex/oberdiek/ix-uc.def</code>
<code>ix-utf8enc.dfu</code>	<code>→ tex/latex/oberdiek/ix-utf8enc.dfu</code>
<code>x-ascii.def</code>	<code>→ tex/latex/oberdiek/x-ascii.def</code>
<code>x-atarist.def</code>	<code>→ tex/latex/oberdiek/x-atarist.def</code>
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<code>x-koi8-r.def</code>	<code>→ tex/latex/oberdiek/x-koi8-r.def</code>
<code>x-mac-centeuro.def</code>	<code>→ tex/latex/oberdiek/x-mac-centeuro.def</code>
<code>x-mac-cyrillic.def</code>	<code>→ tex/latex/oberdiek/x-mac-cyrillic.def</code>
<code>x-mac-roman.def</code>	<code>→ tex/latex/oberdiek/x-mac-roman.def</code>
<code>x-nextstep.def</code>	<code>→ tex/latex/oberdiek/x-nextstep.def</code>
<code>inputenx.pdf</code>	<code>→ doc/latex/oberdiek/inputenx.pdf</code>
<code>inputenx-licrcmds.txt</code>	<code>→ doc/latex/oberdiek/inputenx-licrcmds.txt</code>
<code>inputenx-utf8enc.txt</code>	<code>→ doc/latex/oberdiek/inputenx-utf8enc.txt</code>
<code>inputenx.dtx</code>	<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 (te $\TeX$ , mi $\TeX$ , ...) relies on file name databases, you must refresh these. For example, te $\TeX$  users run `texhash` or `mktextlsr`.

### 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
```

## 4 References

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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.

## 6 Index

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	<code>\textSFii</code> ..... 2233, 2441, 2609, 2764, 2977, 3220, 3379, 4316, 5404
	<code>\textSFiii</code> ..... 2232, 2440, 2608, 2763, 2976, 3219, 3378, 4315, 5403
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<code>\textSFix</code> . . . . .	2221, 2429, 2597, 2752, 2965, 3208, 3367, 4319, 5407	<code>\textSigma</code> . . . . .	199, 416, 2067, 2269, 3057, 3256, 5332, 5523
<code>\textSFl</code> . . . . .	2253, 3240, 3399, 4351, 5419	<code>\textsigma</code> . . . . .	298, 417, 2154, 2270, 3144, 3257, 5340, 5524
<code>\textSFli</code> . . . . .	2254, 3241, 3400, 4344, 5413	<code>\textsterling</code> . . . . .	344, 509, 781, 1198, 1321, 1587, 1690, 1832, 2197, 2405, 2941, 3184, 3884, 4068, 4202, 4519, 4710, 4935, 5141, 5525, 5631
<code>\textSFlii</code> . . . . .	2255, 3242, 3401, 4346, 5414	<code>\textsummation</code> . . . . .	4478, 4539, 4891, 4955, 5382, 5526
<code>\textSFliii</code> . . . . .	2256, 3243, 3402, 4371, 5438	<code>\textsurd</code> . . . . .	301, 437, 2157, 2290, 3147, 3277, 3312, 3438, 4306, 4333, 4481, 4551, 4672, 4742, 4894, 4967, 5384, 5527
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