

# 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 original goal was to have a package that 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  $\text{\LaTeX}$ 's ones:

- More uptodate and closer to the standards. Updating  $\text{\LaTeX}$  is difficult because of compatibility issues. However this project uses fresh encoding file names, prefixed with `x-`.

- Consequent use of `\DeclareInputText` as suggested by the second edition of “The 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`.
- Encoding names can also be given by various alias names.

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, us-ascii, clean7bit, ascii-print, ascii-printable</code>	ASCII encoding, 8bit characters disabled
<code>x-atarist.def</code>	<code>atarist, atari</code>	AtariST encoding
<code>x-cp437.def</code>	<code>cp437, 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, 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, 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, latin1</code>	ISO-8859-1
<code>x-iso-8859-2.def</code>	<code>iso-8859-2, latin2</code>	ISO-8859-2
<code>x-iso-8859-3.def</code>	<code>iso-8859-3, latin3</code>	ISO-8859-3
<code>x-iso-8859-4.def</code>	<code>iso-8859-4, latin4</code>	ISO-8859-4
<code>x-iso-8859-5.def</code>	<code>iso-8859-5, iso88595</code>	ISO-8859-5
<code>x-iso-8859-9.def</code>	<code>iso-8859-9, latin5</code>	ISO-8859-9
<code>x-iso-8859-10.def</code>	<code>iso-8859-10, latin6</code>	ISO-8859-10
<code>x-iso-8859-13.def</code>	<code>iso-8859-13, latin7</code>	ISO-8859-13
<code>x-iso-8859-14.def</code>	<code>iso-8859-14, latin8</code>	ISO-8859-14
<code>x-iso-8859-15.def</code>	<code>iso-8859-15, latin9</code>	ISO-8859-15
<code>x-iso-8859-16.def</code>	<code>iso-8859-16, latin10</code>	ISO-8859-16
<code>x-mac-centeuro.def</code>	<code>mac-centeuro, mac-ce, macce</code>	MAC OS Central European
<code>x-mac-cyrillic.def</code>	<code>mac-cyrillic, maccyr, mac-ukrainian, macukr</code>	MAC OS Cyrillic
<code>x-mac-roman.def</code>	<code>mac-roman, applemac</code>	MAC OS Roman
<code>x-nextstep</code>	<code>nextstep, 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`, `\CYRDJE`, ...).

**Hebrew characters** need some setup (probably font encoding/package). They are mapped to `\hebraef`, `\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. Package option 'math' loads package `inpmath` and loads file `ix-math.cfg`. If `ix-math.cfg` does not exist, `ix-math.def` is loaded instead. (The file `ix-math.cfg` may contain `\input{ix-math.def}`.)

## 1.4 Setting the input encoding

### 1.4.1 Encoding as package option

All other package options are treated as encoding options. Global options are ignored. First The encoding name or one of its aliases can be given as package option. First an alias is dereferenced and then the real encoding name (base name of the encoding definition file is passed to package `inputenc`. `\CurrentInputEncodingName` and `\CurrentInputEncodingOption` are set, see below.

## 1.4.2 `\InputEncoding`

```
\InputEncoding {<encoding>}
```

After package `inputenx` is loaded an encoding can be set or changed using `\InputEncoding`. Its *<encoding>* can be an encoding or alias name. This is similar to `\inputencoding` of package `inputenc`. That remembers the current encoding in macro `\inputencodingname`. However `\InputEncoding` uses remembers the encoding in two macros because of the alias support:

```
\CurrentInputEncodingName  
\CurrentInputEncodingOption
```

`\CurrentInputEncodingName` is the name of the encoding given as option to `\usepackage` or as argument for `\InputEncoding`. This name can also be an alias name. The real encoding name (base file name of the encoding file) is remembered in `\CurrentInputEncodingOption` (option means option for package `inputenc`).

## 1.4.3 Hooks

```
\BeforeInputEncoding {<code>}  
\AfterInputEncoding {<code>}
```

`\InputEncoding` supports two hooks that are called at the beginning and the end after the encoding is set. *<code>* is added to the hooks by `\BeforeInputEncoding` or `\AfterInputEncoding`.

```
\InputEncodingNameOld  
\InputEncodingOptionOld  
\InputEncodingNew
```

In the hooks the old encoding names are available as macros `\InputEncodingNameOld` and `\InputEncodingOptionOld`. They store the meaning of `\CurrentInputEncodingName` and `\CurrentInputEncodingOption` before `\InputEncoding`. `\InputEncodingNew` contains the new input encoding given as argument for `\InputEncoding`. In `\BeforeInputEncoding` this macro `\InputEncodingNew` can even be changed to a better encoding name that will then be used to set the input encoding.

# 2 Implementation

## 2.1 Identification

```
1 <*package>  
2 \NeedsTeXFormat{LaTeX2e}  
3 \ProvidesPackage{inputenx}%  
4 [2010/01/11 v1.6 Enhanced input encoding handling (HO)]%
```

## 2.2 Encoding names

### 2.2.1 Record current encoding names

```
\CurrentInputEncodingName
```

```
5 \providecommand*{\CurrentInputEncodingName}{}  
6
```

\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 \let\IEX@OptionList\@empty
88 \@for\CurrentOption:=\IEX@enclist\do{%
89 \IEX@LookupEncoding\CurrentOption
90 \ifx\CurrentInputEncodingOption\@empty
91 \else
92 \edef\IEX@OptionList{%
93 \ifx\IEX@OptionList\@empty
94 \else
95 \IEX@OptionList,%
96 \fi
97 \CurrentInputEncodingOption
98 }%
99 \fi
100 }
101 \RequirePackage{inputenc}
102 \@for\IEX@Option:=\IEX@OptionList\do{%
103 \inputencoding{\IEX@Option}%
104 }

```

### 2.3.3 \InputEncoding

\IEX@BeforeHook

```
105 \def\IEX@BeforeHook{}
```

\IEX@AfterHook

```
106 \def\IEX@AfterHook{}
```

\BeforeInputEncoding

```
107 \newcommand*{\BeforeInputEncoding}{%
108 \g@addto@macro\IEX@BeforeHook
109 }

```

`\AfterInputEncoding`

```
110 \newcommand*{\AfterInputEncoding}{%
111   \g@addto@macro\IEX@AfterHook
112 }
```

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

```
113 \newcommand*{\InputEncoding}[1]{%
114   \let\InputEncodingNameOld\CurrentInputEncodingName
115   \let\InputEncodingOptionOld\CurrentInputEncodingOption
116   \edef\InputEncodingNew{#1}%
117   \IEX@BeforeHook
118   \IEX@LookupEncoding\InputEncodingNew
119   \ifx\CurrentInputEncodingOption\@empty
120     \else
121       \inputencoding{\CurrentInputEncodingOption}%
122     % \ifx\PassOptionsToPackage\@notprerr
123     % \else
124     % \expandafter\PassOptionsToPackage\expandafter{%
125     %   \CurrentInputEncodingOption
126     % }{\inputenc}%
127     % \ifx\CurrentInputEncodingName\CurrentInputEncodingOption
128     % \else
129     % \expandafter\PassOptionsToPackage\expandafter{%
130     %   \CurrentInputEncodingName
131     % }{\inputenc}%
132     % \fi
133 % \fi
134 \fi
135 \IEX@AfterHook
136 }
```

### 2.3.4 Option `math`

```
137 \ifIEX@math
138   \RequirePackage{inpmath}%
139   \IfFileExists{ix-math.cfg}{%
140     \input{ix-math.cfg}%
141   }{%
142     \input{ix-math.def}%
143   }%
144 \fi
145 </package>
```

## 2.4 Alias encoding file

```
146 <*alias>
147 \ProvidesFile{ix-alias.def}[2010/01/11 v1.6 Alias list (inputex)]
```

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

```
148 \InputexAlias{ascii}{x-ascii}
149 \InputexAlias{atarist}{x-atarist}
150 \InputexAlias{iso-8859-1}{x-iso-8859-1}
151 \InputexAlias{iso-8859-2}{x-iso-8859-2}
152 \InputexAlias{iso-8859-3}{x-iso-8859-3}
153 \InputexAlias{iso-8859-4}{x-iso-8859-4}
154 \InputexAlias{iso-8859-5}{x-iso-8859-5}
155 \InputexAlias{iso-8859-8}{x-iso-8859-8}
156 \InputexAlias{iso-8859-9}{x-iso-8859-9}
157 \InputexAlias{iso-8859-10}{x-iso-8859-10}
158 \InputexAlias{iso-8859-13}{x-iso-8859-13}
159 \InputexAlias{iso-8859-14}{x-iso-8859-14}
160 \InputexAlias{iso-8859-15}{x-iso-8859-15}
```



```

161 \InputenxAlias{iso-8859-16}{x-iso-8859-16}
162 \InputenxAlias{cp437}{x-cp437}
163 \InputenxAlias{cp850}{x-cp850}
164 \InputenxAlias{cp852}{x-cp852}
165 \InputenxAlias{cp855}{x-cp855}
166 \InputenxAlias{cp858}{x-cp858}
167 \InputenxAlias{cp865}{x-cp865}
168 \InputenxAlias{cp866}{x-cp866}
169 \InputenxAlias{cp1250}{x-cp1250}
170 \InputenxAlias{cp1251}{x-cp1251}
171 \InputenxAlias{cp1252}{x-cp1252}
172 \InputenxAlias{cp1257}{x-cp1257}
173 \InputenxAlias{dec-mcs}{x-dec-mcs}
174 \InputenxAlias{koi8-r}{x-koi8-r}
175 \InputenxAlias{mac-centeuro}{x-mac-centeuro}
176 \InputenxAlias{mac-cyrillic}{x-mac-cyrillic}
177 \InputenxAlias{mac-roman}{x-mac-roman}
178 \InputenxAlias{nextstep}{x-nextstep}

```

Now the real aliases start:

```

179 \InputenxAlias{ansinew}{x-cp1252}
180 \InputenxAlias{applemac}{x-mac-roman}
181 \InputenxAlias{ascii-print}{x-ascii}
182 \InputenxAlias{ascii-printable}{x-ascii}
183 \InputenxAlias{atarist}{x-atarist}
184 \InputenxAlias{clean7bit}{x-ascii}
185 \InputenxAlias{cp437de}{x-cp437}
186 \InputenxAlias{decmulti}{x-dec-mcs}
187 \InputenxAlias{iso88595}{x-iso-8859-5}
188 \InputenxAlias{latin1}{x-iso-8859-1}
189 \InputenxAlias{latin10}{x-iso-8859-16}
190 \InputenxAlias{latin2}{x-iso-8859-2}
191 \InputenxAlias{latin3}{x-iso-8859-3}
192 \InputenxAlias{latin4}{x-iso-8859-4}
193 \InputenxAlias{latin5}{x-iso-8859-9}
194 \InputenxAlias{latin6}{x-iso-8859-10}
195 \InputenxAlias{latin7}{x-iso-8859-13}
196 \InputenxAlias{latin8}{x-iso-8859-14}
197 \InputenxAlias{latin9}{x-iso-8859-15}
198 \InputenxAlias{mac-ce}{x-mac-centeuro}
199 \InputenxAlias{mac-ukrainian}{x-mac-cyrillic}
200 \InputenxAlias{macce}{x-mac-centeuro}
201 \InputenxAlias{maccyr}{x-mac-cyrillic}
202 \InputenxAlias{macukr}{x-mac-cyrillic}
203 \InputenxAlias{next}{x-nextstep}
204 \InputenxAlias{us-ascii}{x-ascii}
205 </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.

```

206 <*ascii>
207 \ProvidesFile{x-ascii.def}%
208 [2010/01/11 v1.6 Input encoding ascii (inputenx)]%
209 \csname @inpenc@test\endcsname
210 </ascii>

```

### 2.5.2 Encoding atarist

```

211 <*atarist>
212 \ProvidesFile{x-atarist.def}%

```

```

213 [2010/01/11 v1.6 Input encoding atarist (inputenx)]%
214 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
215 \makeatletter
216 \ProvideTextCommandDefault{\textGamma}{%
217   \ensuremath\Gamma
218 }
219 \ProvideTextCommandDefault{\textOmega}{%
220   \ensuremath\Omega
221 }
222 \ProvideTextCommandDefault{\textPhi}{%
223   \ensuremath\Phi
224 }
225 \ProvideTextCommandDefault{\textSigma}{%
226   \ensuremath\Sigma
227 }
228 \ProvideTextCommandDefault{\textTheta}{%
229   \ensuremath\Theta
230 }
231 \ProvideTextCommandDefault{\textalpha}{%
232   \ensuremath\alpha
233 }
234 \ProvideTextCommandDefault{\textapproxequal}{%
235   \ensuremath\approx
236 }
237 \ProvideTextCommandDefault{\textasciicute}{%
238   \@tabacckludge'{}%
239 }
240 \ProvideTextCommandDefault{\textasciidieresis}{%
241   \{"}%
242 }
243 \ProvideTextCommandDefault{\textasciimacron}{%
244   \@tabacckludge={}%
245 }
246 \ProvideTextCommandDefault{\textbeta}{%
247   \ensuremath\beta
248 }
249 \ProvideTextCommandDefault{\textcap}{%
250   \ensuremath\cap
251 }
252 \ProvideTextCommandDefault{\textcent}{%
253   \TextSymbolUnavailable\textcent
254 }
255 \ProvideTextCommandDefault{\textcontourintegral}{%
256   \ensuremath\oint
257 }
258 \ProvideTextCommandDefault{\textdegree}{%
259   \ensuremath{\text{\char"00B0}}%
260 }
261 \ProvideTextCommandDefault{\textdelta}{%
262   \ensuremath\delta
263 }
264 \ProvideTextCommandDefault{\textdiv}{%
265   \TextSymbolUnavailable\textdiv
266 }
267 \ProvideTextCommandDefault{\textelement}{%
268   \ensuremath\in
269 }
270 \ProvideTextCommandDefault{\textequivalence}{%
271   \ensuremath\equiv
272 }
273 \ProvideTextCommandDefault{\textflorin}{%
274   \textit{f}%

```

```

275 }
276 \ProvideTextCommandDefault{\textgreaterequal}{%
277   \ensuremath\geq
278 }
279 \ProvideTextCommandDefault{\textinfinity}{%
280   \ensuremath\infty
281 }
282 \ProvideTextCommandDefault{\textintersection}{%
283   \ensuremath\cap
284 }
285 \ProvideTextCommandDefault{\textlessequal}{%
286   \ensuremath\leq
287 }
288 \ProvideTextCommandDefault{\textlnot}{%
289   \ensuremath\not
290 }
291 \ProvideTextCommandDefault{\textmu}{%
292   \ensuremath\mu
293 }
294 \ProvideTextCommandDefault{\textnsuperior}{%
295   \ensuremath{\^n}}%
296 }
297 \ProvideTextCommandDefault{\textonehalf}{%
298   \ensuremath{\frac{1}{2}}%
299 }
300 \ProvideTextCommandDefault{\textonequarter}{%
301   \ensuremath{\frac{1}{4}}%
302 }
303 \ProvideTextCommandDefault{\textphi}{%
304   \ensuremath\phi
305 }
306 \ProvideTextCommandDefault{\textpi}{%
307   \ensuremath\pi
308 }
309 \ProvideTextCommandDefault{\textpm}{%
310   \ensuremath\pm
311 }
312 \ProvideTextCommandDefault{\textrevlogicalnot}{%
313   \begingroup
314     \ifundefined{reflectbox}{%
315       \TextSymbolUnavailable\textrevlogicalnot
316     }{%
317       \def\@revlogicalnot##1##2{%
318         \reflectbox{##1##2}}%
319     }%
320     \ensuremath{\mathpalette\@revlogicalnot\not}%
321   }%
322   \endgroup
323 }
324 \ProvideTextCommandDefault{\textsigma}{%
325   \ensuremath\sigma
326 }
327 \ProvideTextCommandDefault{\textsurd}{%
328   \ensuremath\surd
329 }
330 \ProvideTextCommandDefault{\texttau}{%
331   \ensuremath\tau
332 }
333 \ProvideTextCommandDefault{\textthreesuperior}{%
334   \ensuremath{\^3}}%
335 }
336 \ProvideTextCommandDefault{\texttwosuperior}{%

```

```

337 \ensuremath{{^2}}%
338 }
339 \ProvideTextCommandDefault{\textyen}{%
340 \TextSymbolUnavailable\textyen
341 }
342 \DeclareInputText{128}{\c C}
343 \DeclareInputText{129}{\u}
344 \DeclareInputText{130}{\@tabacckludge'e}
345 \DeclareInputText{131}{\^a}
346 \DeclareInputText{132}{\a}
347 \DeclareInputText{133}{\@tabacckludge'a}
348 \DeclareInputText{134}{\r a}
349 \DeclareInputText{135}{\c c}
350 \DeclareInputText{136}{\^e}
351 \DeclareInputText{137}{\e}
352 \DeclareInputText{138}{\@tabacckludge'e}
353 \DeclareInputText{139}{\i}
354 \DeclareInputText{140}{\^i}
355 \DeclareInputText{141}{\@tabacckludge'i}
356 \DeclareInputText{142}{\A}
357 \DeclareInputText{143}{\r A}
358 \DeclareInputText{144}{\@tabacckludge'E}
359 \DeclareInputText{145}{\ae}
360 \DeclareInputText{146}{\AE}
361 \DeclareInputText{147}{\^o}
362 \DeclareInputText{148}{\o}
363 \DeclareInputText{149}{\@tabacckludge'o}
364 \DeclareInputText{150}{\^u}
365 \DeclareInputText{151}{\@tabacckludge'u}
366 \DeclareInputText{152}{\y}
367 \DeclareInputText{153}{\0}
368 \DeclareInputText{154}{\U}
369 \DeclareInputText{155}{\textcent}
370 \DeclareInputText{156}{\textsterling}
371 \DeclareInputText{157}{\textyen}
372 \DeclareInputText{158}{\ss}
373 \DeclareInputText{159}{\textflorin}
374 \DeclareInputText{160}{\@tabacckludge'a}
375 \DeclareInputText{161}{\@tabacckludge'i}
376 \DeclareInputText{162}{\@tabacckludge'o}
377 \DeclareInputText{163}{\@tabacckludge'u}
378 \DeclareInputText{164}{\~n}
379 \DeclareInputText{165}{\~N}
380 \DeclareInputText{166}{\textordfeminine}
381 \DeclareInputText{167}{\textordmasculine}
382 \DeclareInputText{168}{\textquestiondown}
383 \DeclareInputText{169}{\textrevlogicalnot}
384 \DeclareInputText{170}{\textlnot}
385 \DeclareInputText{171}{\textonehalf}
386 \DeclareInputText{172}{\textonequarter}
387 \DeclareInputText{173}{\textexclamdown}
388 \DeclareInputText{174}{\guillemotleft}
389 \DeclareInputText{175}{\guillemotright}
390 \DeclareInputText{176}{\~a}
391 \DeclareInputText{177}{\~o}
392 \DeclareInputText{178}{\0}
393 \DeclareInputText{179}{\o}
394 \DeclareInputText{180}{\oe}
395 \DeclareInputText{181}{\OE}
396 \DeclareInputText{182}{\@tabacckludge'A}
397 \DeclareInputText{183}{\~A}
398 \DeclareInputText{184}{\~O}

```

```

399 \DeclareInputText{185}{\textasciidieresis}
400 \DeclareInputText{186}{\textasciiacute}
401 \DeclareInputText{187}{\textdagger}
402 \DeclareInputText{188}{\textparagraph}
403 \DeclareInputText{189}{\textcopyright}
404 \DeclareInputText{190}{\textregistered}
405 \DeclareInputText{191}{\texttrademark}
406 \DeclareInputText{192}{\ij}
407 \DeclareInputText{193}{\IJ}
408 \DeclareInputText{194}{\hebalef}
409 \DeclareInputText{195}{\hebbet}
410 \DeclareInputText{196}{\hebgimel}
411 \DeclareInputText{197}{\hebdalet}
412 \DeclareInputText{198}{\hebhe}
413 \DeclareInputText{199}{\hebvav}
414 \DeclareInputText{200}{\hebzayin}
415 \DeclareInputText{201}{\hebbet}
416 \DeclareInputText{202}{\hebtet}
417 \DeclareInputText{203}{\hebyod}
418 \DeclareInputText{204}{\hebkafe}
419 \DeclareInputText{205}{\heblamed}
420 \DeclareInputText{206}{\hebmeme}
421 \DeclareInputText{207}{\hebnun}
422 \DeclareInputText{208}{\hebsamekh}
423 \DeclareInputText{209}{\hebayin}
424 \DeclareInputText{210}{\hebpe}
425 \DeclareInputText{211}{\hebtsadi}
426 \DeclareInputText{212}{\hebqof}
427 \DeclareInputText{213}{\hebreshe}
428 \DeclareInputText{214}{\hebshin}
429 \DeclareInputText{215}{\hebtav}
430 \DeclareInputText{216}{\hebfinalnun}
431 \DeclareInputText{217}{\hebfinalkaf}
432 \DeclareInputText{218}{\hebfinalmem}
433 \DeclareInputText{219}{\hebfinalpe}
434 \DeclareInputText{220}{\hebfinaltsadi}
435 \DeclareInputText{221}{\textsection}
436 \DeclareInputText{222}{\textcap}
437 \DeclareInputText{223}{\textinfinity}
438 \DeclareInputText{224}{\textalpha}
439 \DeclareInputText{225}{\textbeta}
440 \DeclareInputText{226}{\textGamma}
441 \DeclareInputText{227}{\textpi}
442 \DeclareInputText{228}{\textSigma}
443 \DeclareInputText{229}{\textsigma}
444 \DeclareInputText{230}{\textmu}
445 \DeclareInputText{231}{\texttau}
446 \DeclareInputText{232}{\textPhi}
447 \DeclareInputText{233}{\textTheta}
448 \DeclareInputText{234}{\textOmega}
449 \DeclareInputText{235}{\textdelta}
450 \DeclareInputText{236}{\textcontourintegral}
451 \DeclareInputText{237}{\textphi}
452 \DeclareInputText{238}{\textelement}
453 \DeclareInputText{239}{\textintersection}
454 \DeclareInputText{240}{\textequivalence}
455 \DeclareInputText{241}{\textpm}
456 \DeclareInputText{242}{\textgreaterorequal}
457 \DeclareInputText{243}{\textlessequal}
458 \DeclareInputText{244}{\textdiv}
459 \DeclareInputText{245}{\textapproxequal}
460 \DeclareInputText{246}{\textdegree}

```

```

461 \DeclareInputText{249}{\textbullet}
462 \DeclareInputText{250}{\textperiodcentered}
463 \DeclareInputText{251}{\textsurd}
464 \DeclareInputText{252}{\textnsuperior}
465 \DeclareInputText{253}{\texttwosuperior}
466 \DeclareInputText{254}{\textthreesuperior}
467 \DeclareInputText{255}{\textasciimacron}
468 \RestoreAtCatcode
469 \</atarist>

```

### 2.5.3 Encoding iso-8859-1

```

470 <*iso-8859-1>
471 \ProvidesFile{x-iso-8859-1.def}%
472 [2010/01/11 v1.6 Input encoding iso-8859-1 (inputenx)]%
473 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
474 \makeatletter
475 \ProvideTextCommandDefault{\textasciiacute}{%
476 \@tabacckludge' }%
477 }
478 \ProvideTextCommandDefault{\textasciidieresis}{%
479 \" }%
480 }
481 \ProvideTextCommandDefault{\textasciimacron}{%
482 \@tabacckludge=} %
483 }
484 \ProvideTextCommandDefault{\textbrokenbar}{%
485 \TextSymbolUnavailable\textbrokenbar
486 }
487 \ProvideTextCommandDefault{\textcent}{%
488 \TextSymbolUnavailable\textcent
489 }
490 \ProvideTextCommandDefault{\textcurrency}{%
491 \TextSymbolUnavailable\textcurrency
492 }
493 \ProvideTextCommandDefault{\textdegree}{%
494 \ensuremath{{}^\circ}}%
495 }
496 \ProvideTextCommandDefault{\textdiv}{%
497 \TextSymbolUnavailable\textdiv
498 }
499 \ProvideTextCommandDefault{\textlnot}{%
500 \ensuremath{\lnot}
501 }
502 \ProvideTextCommandDefault{\textmu}{%
503 \ensuremath{\mu}
504 }
505 \ProvideTextCommandDefault{\textonehalf}{%
506 \ensuremath{\frac{1}{2}}%
507 }
508 \ProvideTextCommandDefault{\textonequarter}{%
509 \ensuremath{\frac{1}{4}}%
510 }
511 \ProvideTextCommandDefault{\textonesuperior}{%
512 \ensuremath{{}^1}}%
513 }
514 \ProvideTextCommandDefault{\textpm}{%
515 \ensuremath{\text{pm}}
516 }
517 \ProvideTextCommandDefault{\textthreequarters}{%
518 \ensuremath{\frac{3}{4}}%
519 }
520 \ProvideTextCommandDefault{\textthreesuperior}{%
521 \ensuremath{{}^3}}%

```

```

522 }
523 \ProvideTextCommandDefault{\texttimes}{%
524   \ensuremath\times
525 }
526 \ProvideTextCommandDefault{\texttwosuperior}{%
527   \ensuremath{{}^2}}%
528 }
529 \ProvideTextCommandDefault{\textyen}{%
530   \TextSymbolUnavailable\textyen
531 }
532 \DeclareInputText{160}{\nobreakspace}
533 \DeclareInputText{161}{\textexclamdown}
534 \DeclareInputText{162}{\textcent}
535 \DeclareInputText{163}{\textsterling}
536 \DeclareInputText{164}{\textcurrency}
537 \DeclareInputText{165}{\textyen}
538 \DeclareInputText{166}{\textbrokenbar}
539 \DeclareInputText{167}{\textsection}
540 \DeclareInputText{168}{\textasciidieresis}
541 \DeclareInputText{169}{\textcopyright}
542 \DeclareInputText{170}{\textordfeminine}
543 \DeclareInputText{171}{\guillemotleft}
544 \DeclareInputText{172}{\textlnot}
545 \DeclareInputText{173}{\textasciicaron}
546 \DeclareInputText{174}{\textregistered}
547 \DeclareInputText{175}{\textasciimacron}
548 \DeclareInputText{176}{\textdegree}
549 \DeclareInputText{177}{\textpm}
550 \DeclareInputText{178}{\texttwosuperior}
551 \DeclareInputText{179}{\textthreesuperior}
552 \DeclareInputText{180}{\textasciiacute}
553 \DeclareInputText{181}{\textmu}
554 \DeclareInputText{182}{\textparagraph}
555 \DeclareInputText{183}{\textperiodcentered}
556 \DeclareInputText{184}{\c }
557 \DeclareInputText{185}{\textonesuperior}
558 \DeclareInputText{186}{\textordmasculine}
559 \DeclareInputText{187}{\guillemotright}
560 \DeclareInputText{188}{\textonequarter}
561 \DeclareInputText{189}{\textonehalf}
562 \DeclareInputText{190}{\textthreequarters}
563 \DeclareInputText{191}{\textquestiondown}
564 \DeclareInputText{192}{\@tabacckludge'A}
565 \DeclareInputText{193}{\@tabacckludge'A}
566 \DeclareInputText{194}{\^A}
567 \DeclareInputText{195}{\~A}
568 \DeclareInputText{196}{\ "A}
569 \DeclareInputText{197}{\r A}
570 \DeclareInputText{198}{\AE}
571 \DeclareInputText{199}{\c C}
572 \DeclareInputText{200}{\@tabacckludge'E}
573 \DeclareInputText{201}{\@tabacckludge'E}
574 \DeclareInputText{202}{\^E}
575 \DeclareInputText{203}{\ "E}
576 \DeclareInputText{204}{\@tabacckludge'I}
577 \DeclareInputText{205}{\@tabacckludge'I}
578 \DeclareInputText{206}{\^I}
579 \DeclareInputText{207}{\ "I}
580 \DeclareInputText{208}{\DH}
581 \DeclareInputText{209}{\~N}
582 \DeclareInputText{210}{\@tabacckludge'O}
583 \DeclareInputText{211}{\@tabacckludge'O}

```

```

584 \DeclareInputText{212}{\`0}
585 \DeclareInputText{213}{\~0}
586 \DeclareInputText{214}{\`0}
587 \DeclareInputText{215}{\texttimes}
588 \DeclareInputText{216}{\0}
589 \DeclareInputText{217}{\@tabacckludge`U}
590 \DeclareInputText{218}{\@tabacckludge'U}
591 \DeclareInputText{219}{\^U}
592 \DeclareInputText{220}{\`U}
593 \DeclareInputText{221}{\@tabacckludge`Y}
594 \DeclareInputText{222}{\`TH}
595 \DeclareInputText{223}{\`ss}
596 \DeclareInputText{224}{\@tabacckludge`a}
597 \DeclareInputText{225}{\@tabacckludge'a}
598 \DeclareInputText{226}{\^a}
599 \DeclareInputText{227}{\~a}
600 \DeclareInputText{228}{\`a}
601 \DeclareInputText{229}{\r a}
602 \DeclareInputText{230}{\ae}
603 \DeclareInputText{231}{\c c}
604 \DeclareInputText{232}{\@tabacckludge`e}
605 \DeclareInputText{233}{\@tabacckludge'e}
606 \DeclareInputText{234}{\^e}
607 \DeclareInputText{235}{\`e}
608 \DeclareInputText{236}{\@tabacckludge`i}
609 \DeclareInputText{237}{\@tabacckludge'i}
610 \DeclareInputText{238}{\^i}
611 \DeclareInputText{239}{\`i}
612 \DeclareInputText{240}{\dh}
613 \DeclareInputText{241}{\`n}
614 \DeclareInputText{242}{\@tabacckludge`o}
615 \DeclareInputText{243}{\@tabacckludge'o}
616 \DeclareInputText{244}{\^o}
617 \DeclareInputText{245}{\~o}
618 \DeclareInputText{246}{\`o}
619 \DeclareInputText{247}{\textdiv}
620 \DeclareInputText{248}{\o}
621 \DeclareInputText{249}{\@tabacckludge`u}
622 \DeclareInputText{250}{\@tabacckludge'u}
623 \DeclareInputText{251}{\^u}
624 \DeclareInputText{252}{\`u}
625 \DeclareInputText{253}{\@tabacckludge'y}
626 \DeclareInputText{254}{\th}
627 \DeclareInputText{255}{\`y}
628 \RestoreAtCatcode
629 </iso-8859-1>

```

#### 2.5.4 Encoding iso-8859-2

```

630 <*iso-8859-2>
631 \ProvidesFile{x-iso-8859-2.def}%
632 [2010/01/11 v1.6 Input encoding iso-8859-2 (inputenx)]%
633 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
634 \makeatletter
635 \ProvideTextCommandDefault{\textacutedbl}{%
636   \H{}}%
637 }
638 \ProvideTextCommandDefault{\textasciiacute}{%
639   \@tabacckludge'{}%
640 }
641 \ProvideTextCommandDefault{\textasciibreve}{%
642   \u{}}%
643 }
644 \ProvideTextCommandDefault{\textasciicaron}{%

```



```

645 \v{ }%
646 }
647 \ProvideTextCommandDefault{\textasciidieresis}{%
648 \"{}%
649 }
650 \ProvideTextCommandDefault{\textcurrency}{%
651 \TextSymbolUnavailable\textcurrency
652 }
653 \ProvideTextCommandDefault{\textdegree}{%
654 \ensuremath{\textasciicirc}}%
655 }
656 \ProvideTextCommandDefault{\textdiv}{%
657 \TextSymbolUnavailable\textdiv
658 }
659 \ProvideTextCommandDefault{\texttimes}{%
660 \ensuremath\times
661 }
662 \DeclareInputText{160}{\nobreakspace}
663 \DeclareInputText{161}{\k A}
664 \DeclareInputText{162}{\textasciibreve}
665 \DeclareInputText{163}{\L}
666 \DeclareInputText{164}{\textcurrency}
667 \DeclareInputText{165}{\v L}
668 \DeclareInputText{166}{\@tabacckludge'S}
669 \DeclareInputText{167}{\textsection}
670 \DeclareInputText{168}{\textasciidieresis}
671 \DeclareInputText{169}{\v S}
672 \DeclareInputText{170}{\c S}
673 \DeclareInputText{171}{\v T}
674 \DeclareInputText{172}{\@tabacckludge'Z}
675 \DeclareInputText{173}{\ -}
676 \DeclareInputText{174}{\v Z}
677 \DeclareInputText{175}{\ .Z}
678 \DeclareInputText{176}{\textdegree}
679 \DeclareInputText{177}{\k a}
680 \DeclareInputText{178}{\k{}}
681 \DeclareInputText{179}{\l}
682 \DeclareInputText{180}{\textasciiacute}
683 \DeclareInputText{181}{\v l}
684 \DeclareInputText{182}{\@tabacckludge's}
685 \DeclareInputText{183}{\textasciicaron}
686 \DeclareInputText{184}{\c \ }
687 \DeclareInputText{185}{\v s}
688 \DeclareInputText{186}{\c s}
689 \DeclareInputText{187}{\v t}
690 \DeclareInputText{188}{\@tabacckludge'z}
691 \DeclareInputText{189}{\textacutedbl}
692 \DeclareInputText{190}{\v z}
693 \DeclareInputText{191}{\ .z}
694 \DeclareInputText{192}{\@tabacckludge'R}
695 \DeclareInputText{193}{\@tabacckludge'A}
696 \DeclareInputText{194}{\^A}
697 \DeclareInputText{195}{\u A}
698 \DeclareInputText{196}{\ "A}
699 \DeclareInputText{197}{\@tabacckludge'L}
700 \DeclareInputText{198}{\@tabacckludge'C}
701 \DeclareInputText{199}{\c C}
702 \DeclareInputText{200}{\v C}
703 \DeclareInputText{201}{\@tabacckludge'E}
704 \DeclareInputText{202}{\k E}
705 \DeclareInputText{203}{\ "E}
706 \DeclareInputText{204}{\v E}

```

```

707 \DeclareInputText{205}{\@tabacckludge'I}
708 \DeclareInputText{206}{\^I}
709 \DeclareInputText{207}{\v D}
710 \DeclareInputText{208}{\DJ}
711 \DeclareInputText{209}{\@tabacckludge'N}
712 \DeclareInputText{210}{\v N}
713 \DeclareInputText{211}{\@tabacckludge'O}
714 \DeclareInputText{212}{\^O}
715 \DeclareInputText{213}{\H O}
716 \DeclareInputText{214}{\^"O}
717 \DeclareInputText{215}{\texttimes}
718 \DeclareInputText{216}{\v R}
719 \DeclareInputText{217}{\r U}
720 \DeclareInputText{218}{\@tabacckludge'U}
721 \DeclareInputText{219}{\H U}
722 \DeclareInputText{220}{\^"U}
723 \DeclareInputText{221}{\@tabacckludge'Y}
724 \DeclareInputText{222}{\c T}
725 \DeclareInputText{223}{\ss}
726 \DeclareInputText{224}{\@tabacckludge'r}
727 \DeclareInputText{225}{\@tabacckludge'a}
728 \DeclareInputText{226}{\^a}
729 \DeclareInputText{227}{\u a}
730 \DeclareInputText{228}{\^"a}
731 \DeclareInputText{229}{\@tabacckludge'l}
732 \DeclareInputText{230}{\@tabacckludge'c}
733 \DeclareInputText{231}{\c c}
734 \DeclareInputText{232}{\v c}
735 \DeclareInputText{233}{\@tabacckludge'e}
736 \DeclareInputText{234}{\k e}
737 \DeclareInputText{235}{\^"e}
738 \DeclareInputText{236}{\v e}
739 \DeclareInputText{237}{\@tabacckludge'i}
740 \DeclareInputText{238}{\^i}
741 \DeclareInputText{239}{\v d}
742 \DeclareInputText{240}{\dj}
743 \DeclareInputText{241}{\@tabacckludge'n}
744 \DeclareInputText{242}{\v n}
745 \DeclareInputText{243}{\@tabacckludge'o}
746 \DeclareInputText{244}{\^o}
747 \DeclareInputText{245}{\H o}
748 \DeclareInputText{246}{\^"o}
749 \DeclareInputText{247}{\textdiv}
750 \DeclareInputText{248}{\v r}
751 \DeclareInputText{249}{\r u}
752 \DeclareInputText{250}{\@tabacckludge'u}
753 \DeclareInputText{251}{\H u}
754 \DeclareInputText{252}{\^"u}
755 \DeclareInputText{253}{\@tabacckludge'y}
756 \DeclareInputText{254}{\c t}
757 \DeclareInputText{255}{\^{\cdot}}
758 \RestoreAtCatcode
759 </iso-8859-2>

```

### 2.5.5 Encoding iso-8859-3

```

760 <*iso-8859-3>
761 \ProvidesFile{x-iso-8859-3.def}%
762 [2010/01/11 v1.6 Input encoding iso-8859-3 (inputenx)]%
763 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
764 \makeatletter
765 \ProvideTextCommandDefault{\textasciicute}{%
766 \@tabacckludge' }%
767 }

```

```

768 \ProvideTextCommandDefault{\textasciibreve}{%
769   \u{}}%
770 }
771 \ProvideTextCommandDefault{\textasciidieresis}{%
772   \"{}%
773 }
774 \ProvideTextCommandDefault{\textcurrency}{%
775   \TextSymbolUnavailable\textcurrency
776 }
777 \ProvideTextCommandDefault{\textdegree}{%
778   \ensuremath{{}^{\circ}}%
779 }
780 \ProvideTextCommandDefault{\textdiv}{%
781   \TextSymbolUnavailable\textdiv
782 }
783 \ProvideTextCommandDefault{\textmalteseH}{%
784   \TextSymbolUnavailable\textmalteseH
785 }
786 \ProvideTextCommandDefault{\textmalteseh}{%
787   \TextSymbolUnavailable\textmalteseh
788 }
789 \ProvideTextCommandDefault{\textmu}{%
790   \ensuremath{\mu}
791 }
792 \ProvideTextCommandDefault{\textonehalf}{%
793   \ensuremath{\frac{1}{2}}%
794 }
795 \ProvideTextCommandDefault{\textthreesuperior}{%
796   \ensuremath{{}^3}%
797 }
798 \ProvideTextCommandDefault{\texttimes}{%
799   \ensuremath{\times}
800 }
801 \ProvideTextCommandDefault{\texttwosuperior}{%
802   \ensuremath{{}^2}}%
803 }
804 \DeclareInputText{160}{\nobreakspace}
805 \DeclareInputText{161}{\textmalteseH}
806 \DeclareInputText{162}{\textasciibreve}
807 \DeclareInputText{163}{\textsterling}
808 \DeclareInputText{164}{\textcurrency}
809 \DeclareInputText{166}{\textasciicircum}
810 \DeclareInputText{167}{\textsection}
811 \DeclareInputText{168}{\textasciidieresis}
812 \DeclareInputText{169}{\textasciicaron}
813 \DeclareInputText{170}{\textasciispace}
814 \DeclareInputText{171}{\textasciiguillemotleft}
815 \DeclareInputText{172}{\textasciiguillemotright}
816 \DeclareInputText{173}{\textasciitilde}
817 \DeclareInputText{175}{\textasciizet}
818 \DeclareInputText{176}{\textdegree}
819 \DeclareInputText{177}{\textmalteseh}
820 \DeclareInputText{178}{\texttwosuperior}
821 \DeclareInputText{179}{\textthreesuperior}
822 \DeclareInputText{180}{\textasciiacute}
823 \DeclareInputText{181}{\textmu}
824 \DeclareInputText{182}{\textasciicircum}
825 \DeclareInputText{183}{\textperiodcentered}
826 \DeclareInputText{184}{\textasciicaron}
827 \DeclareInputText{185}{\textasciicaron}
828 \DeclareInputText{186}{\textasciiguillemotleft}
829 \DeclareInputText{187}{\textasciiguillemotright}

```

830 \DeclareInputText{188}{\^{\j}}  
831 \DeclareInputText{189}{\textonehalf}  
832 \DeclareInputText{191}{\ .z}  
833 \DeclareInputText{192}{\@tabacckludge'A}  
834 \DeclareInputText{193}{\@tabacckludge'A}  
835 \DeclareInputText{194}{\^A}  
836 \DeclareInputText{196}{\ "A}  
837 \DeclareInputText{197}{\ .C}  
838 \DeclareInputText{198}{\^C}  
839 \DeclareInputText{199}{\c C}  
840 \DeclareInputText{200}{\@tabacckludge'E}  
841 \DeclareInputText{201}{\@tabacckludge'E}  
842 \DeclareInputText{202}{\^E}  
843 \DeclareInputText{203}{\ "E}  
844 \DeclareInputText{204}{\@tabacckludge'I}  
845 \DeclareInputText{205}{\@tabacckludge'I}  
846 \DeclareInputText{206}{\^I}  
847 \DeclareInputText{207}{\ "I}  
848 \DeclareInputText{209}{\^N}  
849 \DeclareInputText{210}{\@tabacckludge'O}  
850 \DeclareInputText{211}{\@tabacckludge'O}  
851 \DeclareInputText{212}{\^O}  
852 \DeclareInputText{213}{\ .G}  
853 \DeclareInputText{214}{\ "O}  
854 \DeclareInputText{215}{\texttimes}  
855 \DeclareInputText{216}{\^G}  
856 \DeclareInputText{217}{\@tabacckludge'U}  
857 \DeclareInputText{218}{\@tabacckludge'U}  
858 \DeclareInputText{219}{\^U}  
859 \DeclareInputText{220}{\ "U}  
860 \DeclareInputText{221}{\u U}  
861 \DeclareInputText{222}{\^S}  
862 \DeclareInputText{223}{\ss}  
863 \DeclareInputText{224}{\@tabacckludge'a}  
864 \DeclareInputText{225}{\@tabacckludge'a}  
865 \DeclareInputText{226}{\^a}  
866 \DeclareInputText{228}{\ "a}  
867 \DeclareInputText{229}{\ .c}  
868 \DeclareInputText{230}{\^c}  
869 \DeclareInputText{231}{\c c}  
870 \DeclareInputText{232}{\@tabacckludge'e}  
871 \DeclareInputText{233}{\@tabacckludge'e}  
872 \DeclareInputText{234}{\^e}  
873 \DeclareInputText{235}{\ "e}  
874 \DeclareInputText{236}{\@tabacckludge'\i}  
875 \DeclareInputText{237}{\@tabacckludge'\i}  
876 \DeclareInputText{238}{\^i}  
877 \DeclareInputText{239}{\ "i}  
878 \DeclareInputText{241}{\^n}  
879 \DeclareInputText{242}{\@tabacckludge'o}  
880 \DeclareInputText{243}{\@tabacckludge'o}  
881 \DeclareInputText{244}{\^o}  
882 \DeclareInputText{245}{\ .g}  
883 \DeclareInputText{246}{\ "o}  
884 \DeclareInputText{247}{\textdiv}  
885 \DeclareInputText{248}{\^g}  
886 \DeclareInputText{249}{\@tabacckludge'u}  
887 \DeclareInputText{250}{\@tabacckludge'u}  
888 \DeclareInputText{251}{\^u}  
889 \DeclareInputText{252}{\ "u}  
890 \DeclareInputText{253}{\u u}  
891 \DeclareInputText{254}{\^s}

```

892 \DeclareInputText{255}{\cdot}
893 \RestoreAtCatcode
894 </iso-8859-3>

```

## 2.5.6 Encoding iso-8859-4

```

895 <*iso-8859-4>
896 \ProvidesFile{x-iso-8859-4.def}%
897 [2010/01/11 v1.6 Input encoding iso-8859-4 (inputex)]%
898 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
899 \makeatletter
900 \ProvideTextCommandDefault{\textTstroke}{%
901   \TextSymbolUnavailable\textTstroke
902 }
903 \ProvideTextCommandDefault{\textasciiacute}{%
904   \@tabacckludge' }%
905 }
906 \ProvideTextCommandDefault{\textasciicaron}{%
907   \v }%
908 }
909 \ProvideTextCommandDefault{\textasciidieresis}{%
910   \ " }%
911 }
912 \ProvideTextCommandDefault{\textasciimacron}{%
913   \@tabacckludge={ }%
914 }
915 \ProvideTextCommandDefault{\textcurrency}{%
916   \TextSymbolUnavailable\textcurrency
917 }
918 \ProvideTextCommandDefault{\textdegree}{%
919   \ensuremath{^\circ}}%
920 }
921 \ProvideTextCommandDefault{\textdiv}{%
922   \TextSymbolUnavailable\textdiv
923 }
924 \ProvideTextCommandDefault{\textkra}{%
925   \TextSymbolUnavailable\textkra
926 }
927 \ProvideTextCommandDefault{\texttimes}{%
928   \ensuremath\times
929 }
930 \ProvideTextCommandDefault{\texttstroke}{%
931   \TextSymbolUnavailable\texttstroke
932 }
933 \DeclareInputText{160}{\nobreakspace}
934 \DeclareInputText{161}{\k A}
935 \DeclareInputText{162}{\textkra}
936 \DeclareInputText{163}{\c R}
937 \DeclareInputText{164}{\textcurrency}
938 \DeclareInputText{165}{\~I}
939 \DeclareInputText{166}{\c L}
940 \DeclareInputText{167}{\textsection}
941 \DeclareInputText{168}{\textasciidieresis}
942 \DeclareInputText{169}{\v S}
943 \DeclareInputText{170}{\@tabacckludge=E}
944 \DeclareInputText{171}{\c G}
945 \DeclareInputText{172}{\textTstroke}
946 \DeclareInputText{173}{\ -}
947 \DeclareInputText{174}{\v Z}
948 \DeclareInputText{175}{\textasciimacron}
949 \DeclareInputText{176}{\textdegree}
950 \DeclareInputText{177}{\k a}
951 \DeclareInputText{178}{\k {}}
952 \DeclareInputText{179}{\c r}

```

```

953 \DeclareInputText{180}{\textasciiacute}
954 \DeclareInputText{181}{\~\i}
955 \DeclareInputText{182}{\c l}
956 \DeclareInputText{183}{\textasciicaron}
957 \DeclareInputText{184}{\c\ }
958 \DeclareInputText{185}{\v s}
959 \DeclareInputText{186}{\@tabacckludge=e}
960 \DeclareInputText{187}{\v g}
961 \DeclareInputText{188}{\texttstroke}
962 \DeclareInputText{189}{\NG}
963 \DeclareInputText{190}{\v z}
964 \DeclareInputText{191}{\ng}
965 \DeclareInputText{192}{\@tabacckludge=A}
966 \DeclareInputText{193}{\@tabacckludge'A}
967 \DeclareInputText{194}{\^A}
968 \DeclareInputText{195}{\^A}
969 \DeclareInputText{196}{\^A}
970 \DeclareInputText{197}{\r A}
971 \DeclareInputText{198}{\AE}
972 \DeclareInputText{199}{\k I}
973 \DeclareInputText{200}{\v C}
974 \DeclareInputText{201}{\@tabacckludge'E}
975 \DeclareInputText{202}{\k E}
976 \DeclareInputText{203}{\^E}
977 \DeclareInputText{204}{\^E}
978 \DeclareInputText{205}{\@tabacckludge'I}
979 \DeclareInputText{206}{\^I}
980 \DeclareInputText{207}{\@tabacckludge=I}
981 \DeclareInputText{208}{\DJ}
982 \DeclareInputText{209}{\c N}
983 \DeclareInputText{210}{\@tabacckludge=0}
984 \DeclareInputText{211}{\c K}
985 \DeclareInputText{212}{\^0}
986 \DeclareInputText{213}{\^0}
987 \DeclareInputText{214}{\^0}
988 \DeclareInputText{215}{\texttimes}
989 \DeclareInputText{216}{\^0}
990 \DeclareInputText{217}{\k U}
991 \DeclareInputText{218}{\@tabacckludge'U}
992 \DeclareInputText{219}{\^U}
993 \DeclareInputText{220}{\^U}
994 \DeclareInputText{221}{\^U}
995 \DeclareInputText{222}{\@tabacckludge=U}
996 \DeclareInputText{223}{\ss}
997 \DeclareInputText{224}{\@tabacckludge=a}
998 \DeclareInputText{225}{\@tabacckludge'a}
999 \DeclareInputText{226}{\^a}
1000 \DeclareInputText{227}{\^a}
1001 \DeclareInputText{228}{\^a}
1002 \DeclareInputText{229}{\r a}
1003 \DeclareInputText{230}{\ae}
1004 \DeclareInputText{231}{\k i}
1005 \DeclareInputText{232}{\v c}
1006 \DeclareInputText{233}{\@tabacckludge'e}
1007 \DeclareInputText{234}{\k e}
1008 \DeclareInputText{235}{\^e}
1009 \DeclareInputText{236}{\^e}
1010 \DeclareInputText{237}{\@tabacckludge'i}
1011 \DeclareInputText{238}{\^i}
1012 \DeclareInputText{239}{\@tabacckludge=\i}
1013 \DeclareInputText{240}{\dj}
1014 \DeclareInputText{241}{\c n}

```

```

1015 \DeclareInputText{242}{\@tabacckludge=o}
1016 \DeclareInputText{243}{\c k}
1017 \DeclareInputText{244}{\^o}
1018 \DeclareInputText{245}{\~o}
1019 \DeclareInputText{246}{\"}o}
1020 \DeclareInputText{247}{\textdiv}
1021 \DeclareInputText{248}{\o}
1022 \DeclareInputText{249}{\k u}
1023 \DeclareInputText{250}{\@tabacckludge'u}
1024 \DeclareInputText{251}{\^u}
1025 \DeclareInputText{252}{\"}u}
1026 \DeclareInputText{253}{\~u}
1027 \DeclareInputText{254}{\@tabacckludge=u}
1028 \DeclareInputText{255}{\}.{}}
1029 \RestoreAtCatcode
1030 </iso-8859-4)

```

### 2.5.7 Encoding iso-8859-5

```

1031 <*iso-8859-5)
1032 \ProvidesFile{x-iso-8859-5.def}%
1033 [2010/01/11 v1.6 Input encoding iso-8859-5 (inputenx)]%
1034 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1035 \makeatletter
1036 \ProvideTextCommandDefault{\textnumero}{%
1037   N%
1038   \bgroup
1039     \check@mathfonts
1040     \fontsize\sf@size\z@
1041     \math@fontsfalse
1042     \selectfont
1043     \oalign{%
1044       \raise0.5ex\hbox{o}%
1045       \crrc
1046       \hline
1047     }%
1048   \egroup
1049 }
1050 \DeclareInputText{160}{\nobreakspace}
1051 \DeclareInputText{161}{\CYRYO}
1052 \DeclareInputText{162}{\CYRDJE}
1053 \DeclareInputText{163}{\@tabacckludge'\CYRG}
1054 \DeclareInputText{164}{\CYRIE}
1055 \DeclareInputText{165}{\CYRDZE}
1056 \DeclareInputText{166}{\CYRII}
1057 \DeclareInputText{167}{\CYRYI}
1058 \DeclareInputText{168}{\CYRJE}
1059 \DeclareInputText{169}{\CYRLJE}
1060 \DeclareInputText{170}{\CYRNJE}
1061 \DeclareInputText{171}{\CYRTSHE}
1062 \DeclareInputText{172}{\@tabacckludge'\CYRK}
1063 \DeclareInputText{173}{\{-}
1064 \DeclareInputText{174}{\CYRUSHRT}
1065 \DeclareInputText{175}{\CYRDZHE}
1066 \DeclareInputText{176}{\CYRA}
1067 \DeclareInputText{177}{\CYRB}
1068 \DeclareInputText{178}{\CYRV}
1069 \DeclareInputText{179}{\CYRG}
1070 \DeclareInputText{180}{\CYRD}
1071 \DeclareInputText{181}{\CYRE}
1072 \DeclareInputText{182}{\CYRZH}
1073 \DeclareInputText{183}{\CYRZ}
1074 \DeclareInputText{184}{\CYRI}
1075 \DeclareInputText{185}{\CYRISHRT}

```

1076 \DeclareInputText{186}{\CYRK}  
1077 \DeclareInputText{187}{\CYRL}  
1078 \DeclareInputText{188}{\CYRM}  
1079 \DeclareInputText{189}{\CYRN}  
1080 \DeclareInputText{190}{\CYRO}  
1081 \DeclareInputText{191}{\CYRP}  
1082 \DeclareInputText{192}{\CYRR}  
1083 \DeclareInputText{193}{\CYRS}  
1084 \DeclareInputText{194}{\CYRT}  
1085 \DeclareInputText{195}{\CYRU}  
1086 \DeclareInputText{196}{\CYRF}  
1087 \DeclareInputText{197}{\CYRH}  
1088 \DeclareInputText{198}{\CYRC}  
1089 \DeclareInputText{199}{\CYRCH}  
1090 \DeclareInputText{200}{\CYRSH}  
1091 \DeclareInputText{201}{\CYRSHCH}  
1092 \DeclareInputText{202}{\CYRHRDSN}  
1093 \DeclareInputText{203}{\CYRERY}  
1094 \DeclareInputText{204}{\CYRSFTSN}  
1095 \DeclareInputText{205}{\CYREREV}  
1096 \DeclareInputText{206}{\CYRYU}  
1097 \DeclareInputText{207}{\CYRYA}  
1098 \DeclareInputText{208}{\cyra}  
1099 \DeclareInputText{209}{\cyrb}  
1100 \DeclareInputText{210}{\cyrv}  
1101 \DeclareInputText{211}{\cyrg}  
1102 \DeclareInputText{212}{\cyrd}  
1103 \DeclareInputText{213}{\cyre}  
1104 \DeclareInputText{214}{\cyrzh}  
1105 \DeclareInputText{215}{\cyrz}  
1106 \DeclareInputText{216}{\cyri}  
1107 \DeclareInputText{217}{\cyrishrt}  
1108 \DeclareInputText{218}{\cyrk}  
1109 \DeclareInputText{219}{\cyril}  
1110 \DeclareInputText{220}{\cyrm}  
1111 \DeclareInputText{221}{\cyrn}  
1112 \DeclareInputText{222}{\cyro}  
1113 \DeclareInputText{223}{\cyrp}  
1114 \DeclareInputText{224}{\cyrr}  
1115 \DeclareInputText{225}{\cyrs}  
1116 \DeclareInputText{226}{\cyrt}  
1117 \DeclareInputText{227}{\cyru}  
1118 \DeclareInputText{228}{\cyrf}  
1119 \DeclareInputText{229}{\cyrh}  
1120 \DeclareInputText{230}{\cyrc}  
1121 \DeclareInputText{231}{\cyrch}  
1122 \DeclareInputText{232}{\cyrsh}  
1123 \DeclareInputText{233}{\cyrshch}  
1124 \DeclareInputText{234}{\cyrhrdsn}  
1125 \DeclareInputText{235}{\cyrery}  
1126 \DeclareInputText{236}{\cyrsftsn}  
1127 \DeclareInputText{237}{\cyrerev}  
1128 \DeclareInputText{238}{\cyryu}  
1129 \DeclareInputText{239}{\cyrya}  
1130 \DeclareInputText{240}{\textnumero}  
1131 \DeclareInputText{241}{\cyryo}  
1132 \DeclareInputText{242}{\cyrdje}  
1133 \DeclareInputText{243}{\@tabacckludge'\cyrg}  
1134 \DeclareInputText{244}{\cyrie}  
1135 \DeclareInputText{245}{\cyrdze}  
1136 \DeclareInputText{246}{\cyrii}  
1137 \DeclareInputText{247}{\cyryi}



```

1138 \DeclareInputText{248}{\cyrje}
1139 \DeclareInputText{249}{\cyrlje}
1140 \DeclareInputText{250}{\cyrnje}
1141 \DeclareInputText{251}{\cyrtshe}
1142 \DeclareInputText{252}{\@tabacckludge'\cyrk}
1143 \DeclareInputText{253}{\textsection}
1144 \DeclareInputText{254}{\cyrushrt}
1145 \DeclareInputText{255}{\cyrdzhe}
1146 \RestoreAtCatcode
1147 </iso-8859-5)

```

## 2.5.8 Encoding iso-8859-8

```

1148 <*iso-8859-8)
1149 \ProvidesFile{x-iso-8859-8.def}%
1150 [2010/01/11 v1.6 Input encoding iso-8859-8 (inputex)]%
1151 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1152 \makeatletter
1153 \ProvideTextCommandDefault{\textasciiacute}{%
1154   \@tabacckludge' }%
1155 }
1156 \ProvideTextCommandDefault{\textasciidieresis}{%
1157   \" }%
1158 }
1159 \ProvideTextCommandDefault{\textasciimacron}{%
1160   \@tabacckludge={ }%
1161 }
1162 \ProvideTextCommandDefault{\textbrokenbar}{%
1163   \TextSymbolUnavailable\textbrokenbar
1164 }
1165 \ProvideTextCommandDefault{\textcent}{%
1166   \TextSymbolUnavailable\textcent
1167 }
1168 \ProvideTextCommandDefault{\textcurrency}{%
1169   \TextSymbolUnavailable\textcurrency
1170 }
1171 \ProvideTextCommandDefault{\textdbllowline}{%
1172   \begingroup
1173     \sbox0{\textunderscore}%
1174     \leavevmode
1175     \ifdim\dp0<.2ex\relax
1176       \rlap{\raisebox{-0.2ex}[0pt]{\textunderscore}}%
1177     \else
1178       \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
1179     \fi
1180     \textunderscore
1181   \endgroup
1182 }
1183 \ProvideTextCommandDefault{\textdegree}{%
1184   \ensuremath{\textasciicirc}}%
1185 }
1186 \ProvideTextCommandDefault{\textdiv}{%
1187   \TextSymbolUnavailable\textdiv
1188 }
1189 \ProvideTextCommandDefault{\textlnot}{%
1190   \ensuremath\not
1191 }
1192 \ProvideTextCommandDefault{\textmu}{%
1193   \ensuremath\mu
1194 }
1195 \ProvideTextCommandDefault{\textonehalf}{%
1196   \ensuremath{\frac{1}{2}}%
1197 }
1198 \ProvideTextCommandDefault{\textonequarter}{%

```

```

1199 \ensuremath{\frac{1}{4}}%
1200 }
1201 \ProvideTextCommandDefault{\textonesuperior}{%
1202 \ensuremath{{}^1}}%
1203 }
1204 \ProvideTextCommandDefault{\textpm}{%
1205 \ensuremath\pm
1206 }
1207 \ProvideTextCommandDefault{\textthreequarters}{%
1208 \ensuremath{\frac{3}{4}}%
1209 }
1210 \ProvideTextCommandDefault{\textthreesuperior}{%
1211 \ensuremath{{}^3}}%
1212 }
1213 \ProvideTextCommandDefault{\texttimes}{%
1214 \ensuremath\times
1215 }
1216 \ProvideTextCommandDefault{\texttwosuperior}{%
1217 \ensuremath{{}^2}}%
1218 }
1219 \ProvideTextCommandDefault{\textyen}{%
1220 \TextSymbolUnavailable\textyen
1221 }
1222 \DeclareInputText{160}{\nobreakspace}
1223 \DeclareInputText{162}{\textcent}
1224 \DeclareInputText{163}{\textsterling}
1225 \DeclareInputText{164}{\textcurrency}
1226 \DeclareInputText{165}{\textyen}
1227 \DeclareInputText{166}{\textbrokenbar}
1228 \DeclareInputText{167}{\textsection}
1229 \DeclareInputText{168}{\textasciidieresis}
1230 \DeclareInputText{169}{\textcopyright}
1231 \DeclareInputText{170}{\texttimes}
1232 \DeclareInputText{171}{\guillemotleft}
1233 \DeclareInputText{172}{\textlnot}
1234 \DeclareInputText{173}{\textasciicaron}
1235 \DeclareInputText{174}{\textregistered}
1236 \DeclareInputText{175}{\textasciimacron}
1237 \DeclareInputText{176}{\textdegree}
1238 \DeclareInputText{177}{\textpm}
1239 \DeclareInputText{178}{\texttwosuperior}
1240 \DeclareInputText{179}{\textthreesuperior}
1241 \DeclareInputText{180}{\textasciiacute}
1242 \DeclareInputText{181}{\textmu}
1243 \DeclareInputText{182}{\textparagraph}
1244 \DeclareInputText{183}{\textperiodcentered}
1245 \DeclareInputText{184}{\textc}
1246 \DeclareInputText{185}{\textonesuperior}
1247 \DeclareInputText{186}{\textdiv}
1248 \DeclareInputText{187}{\guillemotright}
1249 \DeclareInputText{188}{\textonequarter}
1250 \DeclareInputText{189}{\textonehalf}
1251 \DeclareInputText{190}{\textthreequarters}
1252 \DeclareInputText{223}{\textdbllowline}
1253 \DeclareInputText{224}{\hebaleft}
1254 \DeclareInputText{225}{\hebbet}
1255 \DeclareInputText{226}{\hebgimel}
1256 \DeclareInputText{227}{\hebdalet}
1257 \DeclareInputText{228}{\hebhe}
1258 \DeclareInputText{229}{\hebvav}
1259 \DeclareInputText{230}{\hebzayin}
1260 \DeclareInputText{231}{\hebbet}

```

```

1261 \DeclareInputText{232}{\hebtet}
1262 \DeclareInputText{233}{\hebyod}
1263 \DeclareInputText{234}{\hebfinalkaf}
1264 \DeclareInputText{235}{\hebkafe}
1265 \DeclareInputText{236}{\heblamed}
1266 \DeclareInputText{237}{\hebfinalmem}
1267 \DeclareInputText{238}{\hebmem}
1268 \DeclareInputText{239}{\hebfinalnun}
1269 \DeclareInputText{240}{\hebnum}
1270 \DeclareInputText{241}{\hebsamekh}
1271 \DeclareInputText{242}{\hebayin}
1272 \DeclareInputText{243}{\hebfinalpe}
1273 \DeclareInputText{244}{\hebpe}
1274 \DeclareInputText{245}{\hebfinaltsadi}
1275 \DeclareInputText{246}{\hebtsadi}
1276 \DeclareInputText{247}{\hebqof}
1277 \DeclareInputText{248}{\hebreth}
1278 \DeclareInputText{249}{\hebshin}
1279 \DeclareInputText{250}{\hebtav}
1280 \RestoreAtCatcode
1281 </iso-8859-8)

```

## 2.5.9 Encoding iso-8859-9

```

1282 <*iso-8859-9)
1283 \ProvidesFile{x-iso-8859-9.def}%
1284 [2010/01/11 v1.6 Input encoding iso-8859-9 (inputenx)]%
1285 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1286 \makeatletter
1287 \ProvideTextCommandDefault{\textasciicute}{%
1288   \@tabacckludge'}{%
1289 }
1290 \ProvideTextCommandDefault{\textasciidieresis}{%
1291   \"}{%
1292 }
1293 \ProvideTextCommandDefault{\textasciimacron}{%
1294   \@tabacckludge=}{%
1295 }
1296 \ProvideTextCommandDefault{\textbrokenbar}{%
1297   \TextSymbolUnavailable\textbrokenbar
1298 }
1299 \ProvideTextCommandDefault{\textcent}{%
1300   \TextSymbolUnavailable\textcent
1301 }
1302 \ProvideTextCommandDefault{\textcurrency}{%
1303   \TextSymbolUnavailable\textcurrency
1304 }
1305 \ProvideTextCommandDefault{\textdegree}{%
1306   \ensuremath{\textasciicircum}\textcircled{0}}{%
1307 }
1308 \ProvideTextCommandDefault{\textdiv}{%
1309   \TextSymbolUnavailable\textdiv
1310 }
1311 \ProvideTextCommandDefault{\textlnot}{%
1312   \ensuremath\lnot
1313 }
1314 \ProvideTextCommandDefault{\textmu}{%
1315   \ensuremath\mu
1316 }
1317 \ProvideTextCommandDefault{\textonehalf}{%
1318   \ensuremath{\frac{1}{2}}%
1319 }
1320 \ProvideTextCommandDefault{\textonequarter}{%
1321   \ensuremath{\frac{1}{4}}%

```

```

1322 }
1323 \ProvideTextCommandDefault{\textonesuperior}{%
1324   \ensuremath{{^1}}}%
1325 }
1326 \ProvideTextCommandDefault{\textpm}{%
1327   \ensuremath\pm
1328 }
1329 \ProvideTextCommandDefault{\textthreequarters}{%
1330   \ensuremath{\frac{3}{4}}}%
1331 }
1332 \ProvideTextCommandDefault{\textthreesuperior}{%
1333   \ensuremath{{^3}}}%
1334 }
1335 \ProvideTextCommandDefault{\texttimes}{%
1336   \ensuremath\times
1337 }
1338 \ProvideTextCommandDefault{\texttwosuperior}{%
1339   \ensuremath{{^2}}}%
1340 }
1341 \ProvideTextCommandDefault{\textyen}{%
1342   \TextSymbolUnavailable\textyen
1343 }
1344 \DeclareInputText{160}{\nobreakspace}
1345 \DeclareInputText{161}{\textexclamdown}
1346 \DeclareInputText{162}{\textcent}
1347 \DeclareInputText{163}{\textsterling}
1348 \DeclareInputText{164}{\textcurrency}
1349 \DeclareInputText{165}{\textyen}
1350 \DeclareInputText{166}{\textbrokenbar}
1351 \DeclareInputText{167}{\textsection}
1352 \DeclareInputText{168}{\textasciidieresis}
1353 \DeclareInputText{169}{\textcopyright}
1354 \DeclareInputText{170}{\textordfeminine}
1355 \DeclareInputText{171}{\guillemotleft}
1356 \DeclareInputText{172}{\textlnot}
1357 \DeclareInputText{173}{\textasciicaron}
1358 \DeclareInputText{174}{\textregistered}
1359 \DeclareInputText{175}{\textasciimacron}
1360 \DeclareInputText{176}{\textdegree}
1361 \DeclareInputText{177}{\textpm}
1362 \DeclareInputText{178}{\texttwosuperior}
1363 \DeclareInputText{179}{\textthreesuperior}
1364 \DeclareInputText{180}{\textasciiacute}
1365 \DeclareInputText{181}{\textmu}
1366 \DeclareInputText{182}{\textparagraph}
1367 \DeclareInputText{183}{\textperiodcentered}
1368 \DeclareInputText{184}{\c\ }
1369 \DeclareInputText{185}{\textonesuperior}
1370 \DeclareInputText{186}{\textordmasculine}
1371 \DeclareInputText{187}{\guillemotright}
1372 \DeclareInputText{188}{\textonequarter}
1373 \DeclareInputText{189}{\textonehalf}
1374 \DeclareInputText{190}{\textthreequarters}
1375 \DeclareInputText{191}{\textquestiondown}
1376 \DeclareInputText{192}{\@tabacckludge'A}
1377 \DeclareInputText{193}{\@tabacckludge'A}
1378 \DeclareInputText{194}{\^A}
1379 \DeclareInputText{195}{\~A}
1380 \DeclareInputText{196}{\ "A}
1381 \DeclareInputText{197}{\r A}
1382 \DeclareInputText{198}{\AE}
1383 \DeclareInputText{199}{\c C}

```

```

1384 \DeclareInputText{200}{\@tabacckludge'E}
1385 \DeclareInputText{201}{\@tabacckludge'E}
1386 \DeclareInputText{202}{\^E}
1387 \DeclareInputText{203}{\ "E}
1388 \DeclareInputText{204}{\@tabacckludge'I}
1389 \DeclareInputText{205}{\@tabacckludge'I}
1390 \DeclareInputText{206}{\^I}
1391 \DeclareInputText{207}{\ "I}
1392 \DeclareInputText{208}{\u G}
1393 \DeclareInputText{209}{\^N}
1394 \DeclareInputText{210}{\@tabacckludge'O}
1395 \DeclareInputText{211}{\@tabacckludge'O}
1396 \DeclareInputText{212}{\^O}
1397 \DeclareInputText{213}{\ "O}
1398 \DeclareInputText{214}{\ "0}
1399 \DeclareInputText{215}{\texttimes}
1400 \DeclareInputText{216}{\0}
1401 \DeclareInputText{217}{\@tabacckludge'U}
1402 \DeclareInputText{218}{\@tabacckludge'U}
1403 \DeclareInputText{219}{\^U}
1404 \DeclareInputText{220}{\ "U}
1405 \DeclareInputText{221}{\ .I}
1406 \DeclareInputText{222}{\c S}
1407 \DeclareInputText{223}{\ss}
1408 \DeclareInputText{224}{\@tabacckludge'a}
1409 \DeclareInputText{225}{\@tabacckludge'a}
1410 \DeclareInputText{226}{\^a}
1411 \DeclareInputText{227}{\^a}
1412 \DeclareInputText{228}{\ "a}
1413 \DeclareInputText{229}{\r a}
1414 \DeclareInputText{230}{\ae}
1415 \DeclareInputText{231}{\c c}
1416 \DeclareInputText{232}{\@tabacckludge'e}
1417 \DeclareInputText{233}{\@tabacckludge'e}
1418 \DeclareInputText{234}{\^e}
1419 \DeclareInputText{235}{\ "e}
1420 \DeclareInputText{236}{\@tabacckludge'\i}
1421 \DeclareInputText{237}{\@tabacckludge'\i}
1422 \DeclareInputText{238}{\^i}
1423 \DeclareInputText{239}{\ "i}
1424 \DeclareInputText{240}{\u g}
1425 \DeclareInputText{241}{\^n}
1426 \DeclareInputText{242}{\@tabacckludge'o}
1427 \DeclareInputText{243}{\@tabacckludge'o}
1428 \DeclareInputText{244}{\^o}
1429 \DeclareInputText{245}{\^o}
1430 \DeclareInputText{246}{\ "o}
1431 \DeclareInputText{247}{\textdiv}
1432 \DeclareInputText{248}{\o}
1433 \DeclareInputText{249}{\@tabacckludge'u}
1434 \DeclareInputText{250}{\@tabacckludge'u}
1435 \DeclareInputText{251}{\^u}
1436 \DeclareInputText{252}{\ "u}
1437 \DeclareInputText{253}{\i}
1438 \DeclareInputText{254}{\c s}
1439 \DeclareInputText{255}{\ "y}
1440 \RestoreAtCatcode
1441 </iso-8859-9>

```

## 2.5.10 Encoding iso-8859-10

```

1442 <*iso-8859-10>
1443 \ProvidesFile{x-iso-8859-10.def}%
1444 [2010/01/11 v1.6 Input encoding iso-8859-10 (inputenx)]%

```

```

1445 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1446 \makeatletter
1447 \ProvideTextCommandDefault{\textTstroke}{%
1448   \TextSymbolUnavailable\textTstroke
1449 }
1450 \ProvideTextCommandDefault{\textdegree}{%
1451   \ensuremath{{}^\circ}}%
1452 }
1453 \ProvideTextCommandDefault{\texthorizontalbar}{%
1454   \mbox{---}\kern-.5em---%
1455 }
1456 \ProvideTextCommandDefault{\textkra}{%
1457   \TextSymbolUnavailable\textkra
1458 }
1459 \ProvideTextCommandDefault{\texttstroke}{%
1460   \TextSymbolUnavailable\texttstroke
1461 }
1462 \DeclareInputText{160}{\nobreakspace}
1463 \DeclareInputText{161}{\k A}
1464 \DeclareInputText{162}{\@tabacckludge=E}
1465 \DeclareInputText{163}{\c G}
1466 \DeclareInputText{164}{\@tabacckludge=I}
1467 \DeclareInputText{165}{\~I}
1468 \DeclareInputText{166}{\c K}
1469 \DeclareInputText{167}{\textsection}
1470 \DeclareInputText{168}{\c L}
1471 \DeclareInputText{169}{\DJ}
1472 \DeclareInputText{170}{\v S}
1473 \DeclareInputText{171}{\textTstroke}
1474 \DeclareInputText{172}{\v Z}
1475 \DeclareInputText{173}{\ -}
1476 \DeclareInputText{174}{\@tabacckludge=U}
1477 \DeclareInputText{175}{\NG}
1478 \DeclareInputText{176}{\textdegree}
1479 \DeclareInputText{177}{\k a}
1480 \DeclareInputText{178}{\@tabacckludge=e}
1481 \DeclareInputText{179}{\v g}
1482 \DeclareInputText{180}{\@tabacckludge=\i}
1483 \DeclareInputText{181}{\~\i}
1484 \DeclareInputText{182}{\c k}
1485 \DeclareInputText{183}{\textperiodcentered}
1486 \DeclareInputText{184}{\c l}
1487 \DeclareInputText{185}{\dj}
1488 \DeclareInputText{186}{\v s}
1489 \DeclareInputText{187}{\texttstroke}
1490 \DeclareInputText{188}{\v z}
1491 \DeclareInputText{189}{\texthorizontalbar}
1492 \DeclareInputText{190}{\@tabacckludge=u}
1493 \DeclareInputText{191}{\ng}
1494 \DeclareInputText{192}{\@tabacckludge=A}
1495 \DeclareInputText{193}{\@tabacckludge'A}
1496 \DeclareInputText{194}{\~A}
1497 \DeclareInputText{195}{\~A}
1498 \DeclareInputText{196}{\ "A}
1499 \DeclareInputText{197}{\r A}
1500 \DeclareInputText{198}{\AE}
1501 \DeclareInputText{199}{\k I}
1502 \DeclareInputText{200}{\v C}
1503 \DeclareInputText{201}{\@tabacckludge'E}
1504 \DeclareInputText{202}{\k E}
1505 \DeclareInputText{203}{\ "E}
1506 \DeclareInputText{204}{\ .E}

```

```

1507 \DeclareInputText{205}{\@tabacckludge'I}
1508 \DeclareInputText{206}{\^I}
1509 \DeclareInputText{207}{\ "I}
1510 \DeclareInputText{208}{\DH}
1511 \DeclareInputText{209}{\c N}
1512 \DeclareInputText{210}{\@tabacckludge=0}
1513 \DeclareInputText{211}{\@tabacckludge'0}
1514 \DeclareInputText{212}{\^0}
1515 \DeclareInputText{213}{\~0}
1516 \DeclareInputText{214}{\ "0}
1517 \DeclareInputText{215}{\^U}
1518 \DeclareInputText{216}{\0}
1519 \DeclareInputText{217}{\k U}
1520 \DeclareInputText{218}{\@tabacckludge'U}
1521 \DeclareInputText{219}{\^U}
1522 \DeclareInputText{220}{\ "U}
1523 \DeclareInputText{221}{\@tabacckludge'Y}
1524 \DeclareInputText{222}{\TH}
1525 \DeclareInputText{223}{\ss}
1526 \DeclareInputText{224}{\@tabacckludge=a}
1527 \DeclareInputText{225}{\@tabacckludge'a}
1528 \DeclareInputText{226}{\^a}
1529 \DeclareInputText{227}{\~a}
1530 \DeclareInputText{228}{\ "a}
1531 \DeclareInputText{229}{\r a}
1532 \DeclareInputText{230}{\ae}
1533 \DeclareInputText{231}{\k i}
1534 \DeclareInputText{232}{\v c}
1535 \DeclareInputText{233}{\@tabacckludge'e}
1536 \DeclareInputText{234}{\k e}
1537 \DeclareInputText{235}{\ "e}
1538 \DeclareInputText{236}{\ .e}
1539 \DeclareInputText{237}{\@tabacckludge'i}
1540 \DeclareInputText{238}{\^i}
1541 \DeclareInputText{239}{\ "i}
1542 \DeclareInputText{240}{\dh}
1543 \DeclareInputText{241}{\c n}
1544 \DeclareInputText{242}{\@tabacckludge=o}
1545 \DeclareInputText{243}{\@tabacckludge'o}
1546 \DeclareInputText{244}{\^o}
1547 \DeclareInputText{245}{\~o}
1548 \DeclareInputText{246}{\ "o}
1549 \DeclareInputText{247}{\~u}
1550 \DeclareInputText{248}{\o}
1551 \DeclareInputText{249}{\k u}
1552 \DeclareInputText{250}{\@tabacckludge'u}
1553 \DeclareInputText{251}{\^u}
1554 \DeclareInputText{252}{\ "u}
1555 \DeclareInputText{253}{\@tabacckludge'y}
1556 \DeclareInputText{254}{\th}
1557 \DeclareInputText{255}{\textkra}
1558 \RestoreAtCatcode
1559 </iso-8859-10>

```

### 2.5.11 Encoding iso-8859-13

```

1560 <*iso-8859-13>
1561 \ProvidesFile{x-iso-8859-13.def}%
1562 [2010/01/11 v1.6 Input encoding iso-8859-13 (inputenx)]%
1563 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1564 \makeatletter
1565 \ProvideTextCommandDefault{\textbrokenbar}{%
1566 \TextSymbolUnavailable\textbrokenbar
1567 }

```

```

1568 \ProvideTextCommandDefault{\textcent}{%
1569   \TextSymbolUnavailable\textcent
1570 }
1571 \ProvideTextCommandDefault{\textcurrency}{%
1572   \TextSymbolUnavailable\textcurrency
1573 }
1574 \ProvideTextCommandDefault{\textdegree}{%
1575   \ensuremath{{}^\circ}}%
1576 }
1577 \ProvideTextCommandDefault{\textdiv}{%
1578   \TextSymbolUnavailable\textdiv
1579 }
1580 \ProvideTextCommandDefault{\textlnot}{%
1581   \ensuremath{\lnot}
1582 }
1583 \ProvideTextCommandDefault{\textmu}{%
1584   \ensuremath{\mu}
1585 }
1586 \ProvideTextCommandDefault{\textonehalf}{%
1587   \ensuremath{\frac{1}{2}}%
1588 }
1589 \ProvideTextCommandDefault{\textonequarter}{%
1590   \ensuremath{\frac{1}{4}}%
1591 }
1592 \ProvideTextCommandDefault{\textonesuperior}{%
1593   \ensuremath{{}^1}}%
1594 }
1595 \ProvideTextCommandDefault{\textpm}{%
1596   \ensuremath{\pm}
1597 }
1598 \ProvideTextCommandDefault{\textthreequarters}{%
1599   \ensuremath{\frac{3}{4}}%
1600 }
1601 \ProvideTextCommandDefault{\textthreesuperior}{%
1602   \ensuremath{{}^3}}%
1603 }
1604 \ProvideTextCommandDefault{\texttimes}{%
1605   \ensuremath{\times}
1606 }
1607 \ProvideTextCommandDefault{\texttwosuperior}{%
1608   \ensuremath{{}^2}}%
1609 }
1610 \DeclareInputText{160}{\nobreakspace}
1611 \DeclareInputText{161}{\textquotedblright}
1612 \DeclareInputText{162}{\textcent}
1613 \DeclareInputText{163}{\textsterling}
1614 \DeclareInputText{164}{\textcurrency}
1615 \DeclareInputText{165}{\quotedblbase}
1616 \DeclareInputText{166}{\textbrokenbar}
1617 \DeclareInputText{167}{\textsection}
1618 \DeclareInputText{168}{\0}
1619 \DeclareInputText{169}{\textcopyright}
1620 \DeclareInputText{170}{\c R}
1621 \DeclareInputText{171}{\guillemotleft}
1622 \DeclareInputText{172}{\textlnot}
1623 \DeclareInputText{173}{\textasciitilde}
1624 \DeclareInputText{174}{\textregistered}
1625 \DeclareInputText{175}{\AE}
1626 \DeclareInputText{176}{\textdegree}
1627 \DeclareInputText{177}{\textpm}
1628 \DeclareInputText{178}{\texttwosuperior}
1629 \DeclareInputText{179}{\textthreesuperior}

```



1630 \DeclareInputText{180}{\textquotedblleft}  
1631 \DeclareInputText{181}{\textmu}  
1632 \DeclareInputText{182}{\textparagraph}  
1633 \DeclareInputText{183}{\textperiodcentered}  
1634 \DeclareInputText{184}{\o}  
1635 \DeclareInputText{185}{\textonesuperior}  
1636 \DeclareInputText{186}{\c r}  
1637 \DeclareInputText{187}{\guillemotright}  
1638 \DeclareInputText{188}{\textonequarter}  
1639 \DeclareInputText{189}{\textonehalf}  
1640 \DeclareInputText{190}{\textthreequarters}  
1641 \DeclareInputText{191}{\ae}  
1642 \DeclareInputText{192}{\k A}  
1643 \DeclareInputText{193}{\k I}  
1644 \DeclareInputText{194}{\@tabacckludge=A}  
1645 \DeclareInputText{195}{\@tabacckludge'C}  
1646 \DeclareInputText{196}{\"A}  
1647 \DeclareInputText{197}{\r A}  
1648 \DeclareInputText{198}{\k E}  
1649 \DeclareInputText{199}{\@tabacckludge=E}  
1650 \DeclareInputText{200}{\v C}  
1651 \DeclareInputText{201}{\@tabacckludge'E}  
1652 \DeclareInputText{202}{\@tabacckludge'Z}  
1653 \DeclareInputText{203}{\ .E}  
1654 \DeclareInputText{204}{\c G}  
1655 \DeclareInputText{205}{\c K}  
1656 \DeclareInputText{206}{\@tabacckludge=I}  
1657 \DeclareInputText{207}{\c L}  
1658 \DeclareInputText{208}{\v S}  
1659 \DeclareInputText{209}{\@tabacckludge'N}  
1660 \DeclareInputText{210}{\c N}  
1661 \DeclareInputText{211}{\@tabacckludge'O}  
1662 \DeclareInputText{212}{\@tabacckludge=O}  
1663 \DeclareInputText{213}{\~0}  
1664 \DeclareInputText{214}{\"0}  
1665 \DeclareInputText{215}{\texttimes}  
1666 \DeclareInputText{216}{\k U}  
1667 \DeclareInputText{217}{\L}  
1668 \DeclareInputText{218}{\@tabacckludge'S}  
1669 \DeclareInputText{219}{\@tabacckludge=U}  
1670 \DeclareInputText{220}{\ "U}  
1671 \DeclareInputText{221}{\ .Z}  
1672 \DeclareInputText{222}{\v Z}  
1673 \DeclareInputText{223}{\ss}  
1674 \DeclareInputText{224}{\k a}  
1675 \DeclareInputText{225}{\k i}  
1676 \DeclareInputText{226}{\@tabacckludge=a}  
1677 \DeclareInputText{227}{\@tabacckludge'c}  
1678 \DeclareInputText{228}{\ "a}  
1679 \DeclareInputText{229}{\r a}  
1680 \DeclareInputText{230}{\k e}  
1681 \DeclareInputText{231}{\@tabacckludge=e}  
1682 \DeclareInputText{232}{\v c}  
1683 \DeclareInputText{233}{\@tabacckludge'e}  
1684 \DeclareInputText{234}{\@tabacckludge'z}  
1685 \DeclareInputText{235}{\ .e}  
1686 \DeclareInputText{236}{\v g}  
1687 \DeclareInputText{237}{\c k}  
1688 \DeclareInputText{238}{\@tabacckludge=\i}  
1689 \DeclareInputText{239}{\c l}  
1690 \DeclareInputText{240}{\v s}  
1691 \DeclareInputText{241}{\@tabacckludge'n}

```

1692 \DeclareInputText{242}{\c n}
1693 \DeclareInputText{243}{\@tabacckludge'o}
1694 \DeclareInputText{244}{\@tabacckludge=o}
1695 \DeclareInputText{245}{\~o}
1696 \DeclareInputText{246}{\o}
1697 \DeclareInputText{247}{\textdiv}
1698 \DeclareInputText{248}{\k u}
1699 \DeclareInputText{249}{\l}
1700 \DeclareInputText{250}{\@tabacckludge's}
1701 \DeclareInputText{251}{\@tabacckludge=u}
1702 \DeclareInputText{252}{\u}
1703 \DeclareInputText{253}{\z}
1704 \DeclareInputText{254}{\v z}
1705 \DeclareInputText{255}{\textquoteright}
1706 \RestoreAtCatcode
1707 </iso-8859-13>

```

### 2.5.12 Encoding iso-8859-14

```

1708 <*iso-8859-14>
1709 \ProvidesFile{x-iso-8859-14.def}%
1710 [2010/01/11 v1.6 Input encoding iso-8859-14 (inputex)]%
1711 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1712 \makeatletter
1713 \DeclareInputText{160}{\nobreakspace}
1714 \DeclareInputText{161}{\ .B}
1715 \DeclareInputText{162}{\ .b}
1716 \DeclareInputText{163}{\textsterling}
1717 \DeclareInputText{164}{\ .C}
1718 \DeclareInputText{165}{\ .c}
1719 \DeclareInputText{166}{\ .D}
1720 \DeclareInputText{167}{\textsection}
1721 \DeclareInputText{168}{\@tabacckludge'W}
1722 \DeclareInputText{169}{\textcopyright}
1723 \DeclareInputText{170}{\@tabacckludge'W}
1724 \DeclareInputText{171}{\ .d}
1725 \DeclareInputText{172}{\@tabacckludge'Y}
1726 \DeclareInputText{173}{\ -}
1727 \DeclareInputText{174}{\textregistered}
1728 \DeclareInputText{175}{\ "Y}
1729 \DeclareInputText{176}{\ .F}
1730 \DeclareInputText{177}{\ .f}
1731 \DeclareInputText{178}{\ .G}
1732 \DeclareInputText{179}{\ .g}
1733 \DeclareInputText{180}{\ .M}
1734 \DeclareInputText{181}{\ .m}
1735 \DeclareInputText{182}{\textparagraph}
1736 \DeclareInputText{183}{\ .P}
1737 \DeclareInputText{184}{\@tabacckludge'w}
1738 \DeclareInputText{185}{\ .p}
1739 \DeclareInputText{186}{\@tabacckludge'w}
1740 \DeclareInputText{187}{\ .S}
1741 \DeclareInputText{188}{\@tabacckludge'y}
1742 \DeclareInputText{189}{\ "W}
1743 \DeclareInputText{190}{\ "w}
1744 \DeclareInputText{191}{\ .s}
1745 \DeclareInputText{192}{\@tabacckludge'A}
1746 \DeclareInputText{193}{\@tabacckludge'A}
1747 \DeclareInputText{194}{\ ^A}
1748 \DeclareInputText{195}{\ ~A}
1749 \DeclareInputText{196}{\ "A}
1750 \DeclareInputText{197}{\r A}
1751 \DeclareInputText{198}{\AE}
1752 \DeclareInputText{199}{\c C}

```

```

1753 \DeclareInputText{200}{\@tabacckludge'E}
1754 \DeclareInputText{201}{\@tabacckludge'E}
1755 \DeclareInputText{202}{\^E}
1756 \DeclareInputText{203}{\ "E}
1757 \DeclareInputText{204}{\@tabacckludge'I}
1758 \DeclareInputText{205}{\@tabacckludge'I}
1759 \DeclareInputText{206}{\^I}
1760 \DeclareInputText{207}{\ "I}
1761 \DeclareInputText{208}{\^W}
1762 \DeclareInputText{209}{\^N}
1763 \DeclareInputText{210}{\@tabacckludge'O}
1764 \DeclareInputText{211}{\@tabacckludge'O}
1765 \DeclareInputText{212}{\^O}
1766 \DeclareInputText{213}{\~O}
1767 \DeclareInputText{214}{\ "O}
1768 \DeclareInputText{215}{\ .T}
1769 \DeclareInputText{216}{\O}
1770 \DeclareInputText{217}{\@tabacckludge'U}
1771 \DeclareInputText{218}{\@tabacckludge'U}
1772 \DeclareInputText{219}{\^U}
1773 \DeclareInputText{220}{\ "U}
1774 \DeclareInputText{221}{\@tabacckludge'Y}
1775 \DeclareInputText{222}{\^Y}
1776 \DeclareInputText{223}{\ss}
1777 \DeclareInputText{224}{\@tabacckludge'a}
1778 \DeclareInputText{225}{\@tabacckludge'a}
1779 \DeclareInputText{226}{\^a}
1780 \DeclareInputText{227}{\~a}
1781 \DeclareInputText{228}{\ "a}
1782 \DeclareInputText{229}{\r a}
1783 \DeclareInputText{230}{\ae}
1784 \DeclareInputText{231}{\c c}
1785 \DeclareInputText{232}{\@tabacckludge'e}
1786 \DeclareInputText{233}{\@tabacckludge'e}
1787 \DeclareInputText{234}{\^e}
1788 \DeclareInputText{235}{\ "e}
1789 \DeclareInputText{236}{\@tabacckludge'i}
1790 \DeclareInputText{237}{\@tabacckludge'i}
1791 \DeclareInputText{238}{\^i}
1792 \DeclareInputText{239}{\ "i}
1793 \DeclareInputText{240}{\^w}
1794 \DeclareInputText{241}{\~n}
1795 \DeclareInputText{242}{\@tabacckludge'o}
1796 \DeclareInputText{243}{\@tabacckludge'o}
1797 \DeclareInputText{244}{\^o}
1798 \DeclareInputText{245}{\~o}
1799 \DeclareInputText{246}{\ "o}
1800 \DeclareInputText{247}{\ .t}
1801 \DeclareInputText{248}{\o}
1802 \DeclareInputText{249}{\@tabacckludge'u}
1803 \DeclareInputText{250}{\@tabacckludge'u}
1804 \DeclareInputText{251}{\^u}
1805 \DeclareInputText{252}{\ "u}
1806 \DeclareInputText{253}{\@tabacckludge'y}
1807 \DeclareInputText{254}{\^y}
1808 \DeclareInputText{255}{\ "y}
1809 \RestoreAtCatcode
1810 </iso-8859-14>

```

### 2.5.13 Encoding iso-8859-15

```

1811 <*iso-8859-15>
1812 \ProvidesFile{x-iso-8859-15.def}%
1813 [2010/01/11 v1.6 Input encoding iso-8859-15 (inputenx)]%

```

```

1814 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1815 \makeatletter
1816 \ProvideTextCommandDefault{\textasciimacron}{%
1817   \@tabacckludge={}%
1818 }
1819 \ProvideTextCommandDefault{\textcent}{%
1820   \TextSymbolUnavailable\textcent
1821 }
1822 \ProvideTextCommandDefault{\textdegree}{%
1823   \ensuremath{{}^{\circ}}%
1824 }
1825 \ProvideTextCommandDefault{\textdiv}{%
1826   \TextSymbolUnavailable\textdiv
1827 }
1828 \ProvideTextCommandDefault{\texteuro}{%
1829   \TextSymbolUnavailable\texteuro
1830 }
1831 \ProvideTextCommandDefault{\textlnot}{%
1832   \ensuremath{\lnot}
1833 }
1834 \ProvideTextCommandDefault{\textmu}{%
1835   \ensuremath{\mu}
1836 }
1837 \ProvideTextCommandDefault{\textonesuperior}{%
1838   \ensuremath{{}^1}%
1839 }
1840 \ProvideTextCommandDefault{\textpm}{%
1841   \ensuremath{\text{pm}}
1842 }
1843 \ProvideTextCommandDefault{\textthreesuperior}{%
1844   \ensuremath{{}^3}%
1845 }
1846 \ProvideTextCommandDefault{\texttimes}{%
1847   \ensuremath{\text{times}}
1848 }
1849 \ProvideTextCommandDefault{\texttwosuperior}{%
1850   \ensuremath{{}^2}%
1851 }
1852 \ProvideTextCommandDefault{\textyen}{%
1853   \TextSymbolUnavailable\textyen
1854 }
1855 \DeclareInputText{160}{\nobreakspace}
1856 \DeclareInputText{161}{\textexclamdown}
1857 \DeclareInputText{162}{\textcent}
1858 \DeclareInputText{163}{\textsterling}
1859 \DeclareInputText{164}{\texteuro}
1860 \DeclareInputText{165}{\textyen}
1861 \DeclareInputText{166}{\v S}
1862 \DeclareInputText{167}{\textsection}
1863 \DeclareInputText{168}{\v s}
1864 \DeclareInputText{169}{\textcopyright}
1865 \DeclareInputText{170}{\textordfeminine}
1866 \DeclareInputText{171}{\guillemotleft}
1867 \DeclareInputText{172}{\textlnot}
1868 \DeclareInputText{173}{\v -}
1869 \DeclareInputText{174}{\textregistered}
1870 \DeclareInputText{175}{\textasciimacron}
1871 \DeclareInputText{176}{\textdegree}
1872 \DeclareInputText{177}{\textpm}
1873 \DeclareInputText{178}{\texttwosuperior}
1874 \DeclareInputText{179}{\textthreesuperior}
1875 \DeclareInputText{180}{\v Z}

```

1876 \DeclareInputText{181}{\textmu}  
1877 \DeclareInputText{182}{\textparagraph}  
1878 \DeclareInputText{183}{\textperiodcentered}  
1879 \DeclareInputText{184}{\v z}  
1880 \DeclareInputText{185}{\textonesuperior}  
1881 \DeclareInputText{186}{\textordmasculine}  
1882 \DeclareInputText{187}{\guillemotright}  
1883 \DeclareInputText{188}{\OE}  
1884 \DeclareInputText{189}{\oe}  
1885 \DeclareInputText{190}{\ "Y}  
1886 \DeclareInputText{191}{\textquestiondown}  
1887 \DeclareInputText{192}{\@tabacckludge' A}  
1888 \DeclareInputText{193}{\@tabacckludge' A}  
1889 \DeclareInputText{194}{\ ^A}  
1890 \DeclareInputText{195}{\ ~A}  
1891 \DeclareInputText{196}{\ "A}  
1892 \DeclareInputText{197}{\r A}  
1893 \DeclareInputText{198}{\AE}  
1894 \DeclareInputText{199}{\c C}  
1895 \DeclareInputText{200}{\@tabacckludge' E}  
1896 \DeclareInputText{201}{\@tabacckludge' E}  
1897 \DeclareInputText{202}{\ ^E}  
1898 \DeclareInputText{203}{\ "E}  
1899 \DeclareInputText{204}{\@tabacckludge' I}  
1900 \DeclareInputText{205}{\@tabacckludge' I}  
1901 \DeclareInputText{206}{\ ^I}  
1902 \DeclareInputText{207}{\ "I}  
1903 \DeclareInputText{208}{\DH}  
1904 \DeclareInputText{209}{\ ^N}  
1905 \DeclareInputText{210}{\@tabacckludge' O}  
1906 \DeclareInputText{211}{\@tabacckludge' O}  
1907 \DeclareInputText{212}{\ ^O}  
1908 \DeclareInputText{213}{\ ^O}  
1909 \DeclareInputText{214}{\ "O}  
1910 \DeclareInputText{215}{\texttimes}  
1911 \DeclareInputText{216}{\ O}  
1912 \DeclareInputText{217}{\@tabacckludge' U}  
1913 \DeclareInputText{218}{\@tabacckludge' U}  
1914 \DeclareInputText{219}{\ ^U}  
1915 \DeclareInputText{220}{\ "U}  
1916 \DeclareInputText{221}{\@tabacckludge' Y}  
1917 \DeclareInputText{222}{\TH}  
1918 \DeclareInputText{223}{\ss}  
1919 \DeclareInputText{224}{\@tabacckludge' a}  
1920 \DeclareInputText{225}{\@tabacckludge' a}  
1921 \DeclareInputText{226}{\ ^a}  
1922 \DeclareInputText{227}{\ ~a}  
1923 \DeclareInputText{228}{\ "a}  
1924 \DeclareInputText{229}{\r a}  
1925 \DeclareInputText{230}{\ae}  
1926 \DeclareInputText{231}{\c c}  
1927 \DeclareInputText{232}{\@tabacckludge' e}  
1928 \DeclareInputText{233}{\@tabacckludge' e}  
1929 \DeclareInputText{234}{\ ^e}  
1930 \DeclareInputText{235}{\ "e}  
1931 \DeclareInputText{236}{\@tabacckludge' i}  
1932 \DeclareInputText{237}{\@tabacckludge' i}  
1933 \DeclareInputText{238}{\ ^i}  
1934 \DeclareInputText{239}{\ "i}  
1935 \DeclareInputText{240}{\dh}  
1936 \DeclareInputText{241}{\ ^n}  
1937 \DeclareInputText{242}{\@tabacckludge' o}

```

1938 \DeclareInputText{243}{\@tabacckludge'o}
1939 \DeclareInputText{244}{\^o}
1940 \DeclareInputText{245}{\~o}
1941 \DeclareInputText{246}{\o}
1942 \DeclareInputText{247}{\textdiv}
1943 \DeclareInputText{248}{\o}
1944 \DeclareInputText{249}{\@tabacckludge'u}
1945 \DeclareInputText{250}{\@tabacckludge'u}
1946 \DeclareInputText{251}{\^u}
1947 \DeclareInputText{252}{\u}
1948 \DeclareInputText{253}{\@tabacckludge'y}
1949 \DeclareInputText{254}{\th}
1950 \DeclareInputText{255}{\y}
1951 \RestoreAtCatcode
1952 </iso-8859-15>

```

#### 2.5.14 Encoding iso-8859-16

```

1953 <*iso-8859-16>
1954 \ProvidesFile{x-iso-8859-16.def}%
1955 [2010/01/11 v1.6 Input encoding iso-8859-16 (inputex)]%
1956 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
1957 \makeatletter
1958 \ProvideTextCommandDefault{\textcommabelow}[1]{%
1959   \hmode\bgroup
1960     \oalign{%
1961       \null#1\crcr
1962       \hidewidth
1963       \raise-.31ex\hbox{%
1964         \check@mathfonts
1965         \fontsize\ssf@size\z@
1966         \math@fontsfalse\selectfont,%
1967       }%
1968       \hidewidth
1969     }%
1970   \egroup
1971 }
1972 \ProvideTextCommandDefault{\textdegree}{%
1973   \ensuremath{\^{\circ}}}%
1974 }
1975 \ProvideTextCommandDefault{\texteuro}{%
1976   \TextSymbolUnavailable\texteuro
1977 }
1978 \ProvideTextCommandDefault{\textpm}{%
1979   \ensuremath{\pm}
1980 }
1981 \DeclareInputText{160}{\nobreakspace}
1982 \DeclareInputText{161}{\k A}
1983 \DeclareInputText{162}{\k a}
1984 \DeclareInputText{163}{\L}
1985 \DeclareInputText{164}{\texteuro}
1986 \DeclareInputText{165}{\quotedblbase}
1987 \DeclareInputText{166}{\v S}
1988 \DeclareInputText{167}{\textsection}
1989 \DeclareInputText{168}{\v s}
1990 \DeclareInputText{169}{\textcopyright}
1991 \DeclareInputText{170}{\textcommabelow S}
1992 \DeclareInputText{171}{\guillemotleft}
1993 \DeclareInputText{172}{\@tabacckludge'Z}
1994 \DeclareInputText{173}{\~}
1995 \DeclareInputText{174}{\@tabacckludge'z}
1996 \DeclareInputText{175}{\ .Z}
1997 \DeclareInputText{176}{\textdegree}
1998 \DeclareInputText{177}{\textpm}

```

1999 \DeclareInputText{178}{\v C}  
2000 \DeclareInputText{179}{\l}  
2001 \DeclareInputText{180}{\v Z}  
2002 \DeclareInputText{181}{\textquotedblright}  
2003 \DeclareInputText{182}{\textparagraph}  
2004 \DeclareInputText{183}{\textperiodcentered}  
2005 \DeclareInputText{184}{\v z}  
2006 \DeclareInputText{185}{\v c}  
2007 \DeclareInputText{186}{\textcommabelow s}  
2008 \DeclareInputText{187}{\guillemotright}  
2009 \DeclareInputText{188}{\OE}  
2010 \DeclareInputText{189}{\oe}  
2011 \DeclareInputText{190}{\ "Y}  
2012 \DeclareInputText{191}{\ .z}  
2013 \DeclareInputText{192}{\@tabacckludge'A}  
2014 \DeclareInputText{193}{\@tabacckludge'A}  
2015 \DeclareInputText{194}{\^A}  
2016 \DeclareInputText{195}{\u A}  
2017 \DeclareInputText{196}{\ "A}  
2018 \DeclareInputText{197}{\@tabacckludge'C}  
2019 \DeclareInputText{198}{\AE}  
2020 \DeclareInputText{199}{\c C}  
2021 \DeclareInputText{200}{\@tabacckludge'E}  
2022 \DeclareInputText{201}{\@tabacckludge'E}  
2023 \DeclareInputText{202}{\^E}  
2024 \DeclareInputText{203}{\ "E}  
2025 \DeclareInputText{204}{\@tabacckludge'I}  
2026 \DeclareInputText{205}{\@tabacckludge'I}  
2027 \DeclareInputText{206}{\^I}  
2028 \DeclareInputText{207}{\ "I}  
2029 \DeclareInputText{208}{\DJ}  
2030 \DeclareInputText{209}{\@tabacckludge'N}  
2031 \DeclareInputText{210}{\@tabacckludge'O}  
2032 \DeclareInputText{211}{\@tabacckludge'O}  
2033 \DeclareInputText{212}{\^O}  
2034 \DeclareInputText{213}{\H O}  
2035 \DeclareInputText{214}{\ "O}  
2036 \DeclareInputText{215}{\@tabacckludge'S}  
2037 \DeclareInputText{216}{\H U}  
2038 \DeclareInputText{217}{\@tabacckludge'U}  
2039 \DeclareInputText{218}{\@tabacckludge'U}  
2040 \DeclareInputText{219}{\^U}  
2041 \DeclareInputText{220}{\ "U}  
2042 \DeclareInputText{221}{\k E}  
2043 \DeclareInputText{222}{\textcommabelow T}  
2044 \DeclareInputText{223}{\ss}  
2045 \DeclareInputText{224}{\@tabacckludge'a}  
2046 \DeclareInputText{225}{\@tabacckludge'a}  
2047 \DeclareInputText{226}{\^a}  
2048 \DeclareInputText{227}{\u a}  
2049 \DeclareInputText{228}{\ "a}  
2050 \DeclareInputText{229}{\@tabacckludge'c}  
2051 \DeclareInputText{230}{\ae}  
2052 \DeclareInputText{231}{\c c}  
2053 \DeclareInputText{232}{\@tabacckludge'e}  
2054 \DeclareInputText{233}{\@tabacckludge'e}  
2055 \DeclareInputText{234}{\^e}  
2056 \DeclareInputText{235}{\ "e}  
2057 \DeclareInputText{236}{\@tabacckludge'i}  
2058 \DeclareInputText{237}{\@tabacckludge'i}  
2059 \DeclareInputText{238}{\^i}  
2060 \DeclareInputText{239}{\ "i}

```

2061 \DeclareInputText{240}{\dj}
2062 \DeclareInputText{241}{\@tabacckludge'n}
2063 \DeclareInputText{242}{\@tabacckludge'o}
2064 \DeclareInputText{243}{\@tabacckludge'o}
2065 \DeclareInputText{244}{\^o}
2066 \DeclareInputText{245}{\H o}
2067 \DeclareInputText{246}{\"o}
2068 \DeclareInputText{247}{\@tabacckludge's}
2069 \DeclareInputText{248}{\H u}
2070 \DeclareInputText{249}{\@tabacckludge'u}
2071 \DeclareInputText{250}{\@tabacckludge'u}
2072 \DeclareInputText{251}{\^u}
2073 \DeclareInputText{252}{\"u}
2074 \DeclareInputText{253}{\k e}
2075 \DeclareInputText{254}{\textcommabelow t}
2076 \DeclareInputText{255}{\"y}
2077 \RestoreAtCatcode
2078 </iso-8859-16>

```

### 2.5.15 Encoding cp437

```

2079 <*cp437>
2080 \ProvidesFile{x-cp437.def}%
2081 [2010/01/11 v1.6 Input encoding cp437 (inputenx)]%
2082 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2083 \makeatletter
2084 \ProvideTextCommandDefault{\textGamma}{%
2085   \ensuremath\Gamma
2086 }
2087 \ProvideTextCommandDefault{\textOmega}{%
2088   \ensuremath\Omega
2089 }
2090 \ProvideTextCommandDefault{\textPhi}{%
2091   \ensuremath\Phi
2092 }
2093 \ProvideTextCommandDefault{\textSigma}{%
2094   \ensuremath\Sigma
2095 }
2096 \ProvideTextCommandDefault{\textTheta}{%
2097   \ensuremath\Theta
2098 }
2099 \ProvideTextCommandDefault{\textalpha}{%
2100   \ensuremath\alpha
2101 }
2102 \ProvideTextCommandDefault{\textapproxequal}{%
2103   \ensuremath\approx
2104 }
2105 \ProvideTextCommandDefault{\textblacksquare}{%
2106   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2107 }
2108 \ProvideTextCommandDefault{\textcent}{%
2109   \TextSymbolUnavailable\textcent
2110 }
2111 \ProvideTextCommandDefault{\textdegree}{%
2112   \ensuremath{\^{\circ}}%
2113 }
2114 \ProvideTextCommandDefault{\textdelta}{%
2115   \ensuremath\delta
2116 }
2117 \ProvideTextCommandDefault{\textdiv}{%
2118   \TextSymbolUnavailable\textdiv
2119 }
2120 \ProvideTextCommandDefault{\textepsilon}{%
2121   \ensuremath\varepsilon

```



```

2122 }
2123 \ProvideTextCommandDefault{\textequivalence}{%
2124   \ensuremath\equiv
2125 }
2126 \ProvideTextCommandDefault{\textflorin}{%
2127   \textit{f}%
2128 }
2129 \ProvideTextCommandDefault{\textgreaterequal}{%
2130   \ensuremath\geq
2131 }
2132 \ProvideTextCommandDefault{\textinfinity}{%
2133   \ensuremath\infty
2134 }
2135 \ProvideTextCommandDefault{\textintersection}{%
2136   \ensuremath\cap
2137 }
2138 \ProvideTextCommandDefault{\textlessequal}{%
2139   \ensuremath\leq
2140 }
2141 \ProvideTextCommandDefault{\textlnot}{%
2142   \ensuremath\not
2143 }
2144 \ProvideTextCommandDefault{\textmu}{%
2145   \ensuremath\mu
2146 }
2147 \ProvideTextCommandDefault{\textnsuperior}{%
2148   \ensuremath{\textsupset}
2149 }
2150 \ProvideTextCommandDefault{\textonehalf}{%
2151   \ensuremath{\frac{1}{2}}
2152 }
2153 \ProvideTextCommandDefault{\textonequarter}{%
2154   \ensuremath{\frac{1}{4}}
2155 }
2156 \ProvideTextCommandDefault{\textpeseta}{%
2157   Pt%
2158 }
2159 \ProvideTextCommandDefault{\textphi}{%
2160   \ensuremath\phi
2161 }
2162 \ProvideTextCommandDefault{\textpi}{%
2163   \ensuremath\pi
2164 }
2165 \ProvideTextCommandDefault{\textpm}{%
2166   \ensuremath\pm
2167 }
2168 \ProvideTextCommandDefault{\textrevlogicalnot}{%
2169   \begingroup
2170     \ifundefined{reflectbox}{%
2171       \TextSymbolUnavailable\textrevlogicalnot
2172     }{%
2173       \def\@revlogicalnot##1##2{%
2174         \reflectbox{##1##2}}
2175     }%
2176     \ensuremath{\mathpalette\@revlogicalnot\not}
2177   }%
2178   \endgroup
2179 }
2180 \ProvideTextCommandDefault{\textsigma}{%
2181   \ensuremath\sigma
2182 }
2183 \ProvideTextCommandDefault{\textsurd}{%

```

```

2184 \ensuremath\surd
2185 }
2186 \ProvideTextCommandDefault{\texttau}{%
2187 \ensuremath\tau
2188 }
2189 \ProvideTextCommandDefault{\texttwosuperior}{%
2190 \ensuremath{{}^2}}%
2191 }
2192 \ProvideTextCommandDefault{\textyen}{%
2193 \TextSymbolUnavailable\textyen
2194 }
2195 \DeclareInputText{128}{\c C}
2196 \DeclareInputText{129}{\u}
2197 \DeclareInputText{130}{\@tabacckludge'e}
2198 \DeclareInputText{131}{\^a}
2199 \DeclareInputText{132}{\a}
2200 \DeclareInputText{133}{\@tabacckludge'a}
2201 \DeclareInputText{134}{\r a}
2202 \DeclareInputText{135}{\c c}
2203 \DeclareInputText{136}{\^e}
2204 \DeclareInputText{137}{\e}
2205 \DeclareInputText{138}{\@tabacckludge'e}
2206 \DeclareInputText{139}{\i}
2207 \DeclareInputText{140}{\^i}
2208 \DeclareInputText{141}{\@tabacckludge'i}
2209 \DeclareInputText{142}{\A}
2210 \DeclareInputText{143}{\r A}
2211 \DeclareInputText{144}{\@tabacckludge'E}
2212 \DeclareInputText{145}{\ae}
2213 \DeclareInputText{146}{\AE}
2214 \DeclareInputText{147}{\^o}
2215 \DeclareInputText{148}{\o}
2216 \DeclareInputText{149}{\@tabacckludge'o}
2217 \DeclareInputText{150}{\^u}
2218 \DeclareInputText{151}{\@tabacckludge'u}
2219 \DeclareInputText{152}{\y}
2220 \DeclareInputText{153}{\0}
2221 \DeclareInputText{154}{\U}
2222 \DeclareInputText{155}{\textcent}
2223 \DeclareInputText{156}{\textsterling}
2224 \DeclareInputText{157}{\textyen}
2225 \DeclareInputText{158}{\textpeseta}
2226 \DeclareInputText{159}{\textflorin}
2227 \DeclareInputText{160}{\@tabacckludge'a}
2228 \DeclareInputText{161}{\@tabacckludge'i}
2229 \DeclareInputText{162}{\@tabacckludge'o}
2230 \DeclareInputText{163}{\@tabacckludge'u}
2231 \DeclareInputText{164}{\~n}
2232 \DeclareInputText{165}{\~N}
2233 \DeclareInputText{166}{\textordfeminine}
2234 \DeclareInputText{167}{\textordmasculine}
2235 \DeclareInputText{168}{\textquestiondown}
2236 \DeclareInputText{169}{\textrevlogicalnot}
2237 \DeclareInputText{170}{\textlnot}
2238 \DeclareInputText{171}{\textonehalf}
2239 \DeclareInputText{172}{\textonequarter}
2240 \DeclareInputText{173}{\textexclamdown}
2241 \DeclareInputText{174}{\guillemotleft}
2242 \DeclareInputText{175}{\guillemotright}
2243 \DeclareInputText{176}{\textltshade}
2244 \DeclareInputText{177}{\textshade}
2245 \DeclareInputText{178}{\textdkshade}

```

```

2246 \DeclareInputText{179}{\textSFxi}
2247 \DeclareInputText{180}{\textSFix}
2248 \DeclareInputText{181}{\textSFxix}
2249 \DeclareInputText{182}{\textSFxx}
2250 \DeclareInputText{183}{\textSFxxi}
2251 \DeclareInputText{184}{\textSFxxii}
2252 \DeclareInputText{185}{\textSFxxiii}
2253 \DeclareInputText{186}{\textSFxxiv}
2254 \DeclareInputText{187}{\textSFxxv}
2255 \DeclareInputText{188}{\textSFxxvi}
2256 \DeclareInputText{189}{\textSFxxvii}
2257 \DeclareInputText{190}{\textSFxxviii}
2258 \DeclareInputText{191}{\textSFiii}
2259 \DeclareInputText{192}{\textSFii}
2260 \DeclareInputText{193}{\textSFvii}
2261 \DeclareInputText{194}{\textSFvi}
2262 \DeclareInputText{195}{\textSFviii}
2263 \DeclareInputText{196}{\textSFx}
2264 \DeclareInputText{197}{\textSFv}
2265 \DeclareInputText{198}{\textSFxxxvi}
2266 \DeclareInputText{199}{\textSFxxxvii}
2267 \DeclareInputText{200}{\textSFxxxviii}
2268 \DeclareInputText{201}{\textSFxxxix}
2269 \DeclareInputText{202}{\textSFxl}
2270 \DeclareInputText{203}{\textSFxli}
2271 \DeclareInputText{204}{\textSFxlii}
2272 \DeclareInputText{205}{\textSFxliii}
2273 \DeclareInputText{206}{\textSFxliv}
2274 \DeclareInputText{207}{\textSFxlv}
2275 \DeclareInputText{208}{\textSFxlvi}
2276 \DeclareInputText{209}{\textSFxlvii}
2277 \DeclareInputText{210}{\textSFxlviii}
2278 \DeclareInputText{211}{\textSFxl ix}
2279 \DeclareInputText{212}{\textSF1}
2280 \DeclareInputText{213}{\textSFli}
2281 \DeclareInputText{214}{\textSFlii}
2282 \DeclareInputText{215}{\textSFliii}
2283 \DeclareInputText{216}{\textSFliv}
2284 \DeclareInputText{217}{\textSFiv}
2285 \DeclareInputText{218}{\textSFi}
2286 \DeclareInputText{219}{\textblock}
2287 \DeclareInputText{220}{\textd nblock}
2288 \DeclareInputText{221}{\textl fblock}
2289 \DeclareInputText{222}{\textrtblock}
2290 \DeclareInputText{223}{\textupblock}
2291 \DeclareInputText{224}{\textalpha}
2292 \DeclareInputText{225}{\ss}
2293 \DeclareInputText{226}{\textGamma}
2294 \DeclareInputText{227}{\textpi}
2295 \DeclareInputText{228}{\textSigma}
2296 \DeclareInputText{229}{\textsigma}
2297 \DeclareInputText{230}{\textmu}
2298 \DeclareInputText{231}{\texttau}
2299 \DeclareInputText{232}{\textPhi}
2300 \DeclareInputText{233}{\textTheta}
2301 \DeclareInputText{234}{\textOmega}
2302 \DeclareInputText{235}{\textdelta}
2303 \DeclareInputText{236}{\textinfinity}
2304 \DeclareInputText{237}{\textphi}
2305 \DeclareInputText{238}{\textepsilon}
2306 \DeclareInputText{239}{\textintersection}
2307 \DeclareInputText{240}{\textequivalence}

```

```

2308 \DeclareInputText{241}{\textpm}
2309 \DeclareInputText{242}{\textgreaterequal}
2310 \DeclareInputText{243}{\textlessequal}
2311 \DeclareInputText{246}{\textdiv}
2312 \DeclareInputText{247}{\textapproxequal}
2313 \DeclareInputText{248}{\textdegree}
2314 \DeclareInputText{249}{\textbullet}
2315 \DeclareInputText{250}{\textperiodcentered}
2316 \DeclareInputText{251}{\textsurd}
2317 \DeclareInputText{252}{\textnsuperior}
2318 \DeclareInputText{253}{\texttwosuperior}
2319 \DeclareInputText{254}{\textblacksquare}
2320 \DeclareInputText{255}{\nobreakspace}
2321 \RestoreAtCatcode
2322 </cp437>

```

### 2.5.16 Encoding cp850

```

2323 <*cp850>
2324 \ProvidesFile{x-cp850.def}%
2325 [2010/01/11 v1.6 Input encoding cp850 (inputex)]%
2326 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2327 \makeatletter
2328 \ProvideTextCommandDefault{\textasciiacute}{%
2329 \@tabacckludge'}{%
2330 }
2331 \ProvideTextCommandDefault{\textasciidieresis}{%
2332 \"}{%
2333 }
2334 \ProvideTextCommandDefault{\textasciimacron}{%
2335 \@tabacckludge={}{%
2336 }
2337 \ProvideTextCommandDefault{\textblacksquare}{%
2338 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2339 }
2340 \ProvideTextCommandDefault{\textbrokenbar}{%
2341 \TextSymbolUnavailable\textbrokenbar
2342 }
2343 \ProvideTextCommandDefault{\textcent}{%
2344 \TextSymbolUnavailable\textcent
2345 }
2346 \ProvideTextCommandDefault{\textcurrency}{%
2347 \TextSymbolUnavailable\textcurrency
2348 }
2349 \ProvideTextCommandDefault{\textdbllowline}{%
2350 \begingroup
2351 \sbox0{\textunderscore}%
2352 \leavevmode
2353 \ifdim\dp0<.2ex\relax
2354 \rlap{\raisebox{-.2ex}[0pt]{\textunderscore}}%
2355 \else
2356 \rlap{\raisebox{.2ex}[0pt]{\textunderscore}}%
2357 \fi
2358 \textunderscore
2359 \endgroup
2360 }
2361 \ProvideTextCommandDefault{\textdegree}{%
2362 \ensuremath{\textasciicirc}}%
2363 }
2364 \ProvideTextCommandDefault{\textdiv}{%
2365 \TextSymbolUnavailable\textdiv
2366 }
2367 \ProvideTextCommandDefault{\textflorin}{%
2368 \textit{f}}%

```

```

2369 }
2370 \ProvideTextCommandDefault{\textlnot}{%
2371   \ensuremath\lnot
2372 }
2373 \ProvideTextCommandDefault{\textmu}{%
2374   \ensuremath\mu
2375 }
2376 \ProvideTextCommandDefault{\textonehalf}{%
2377   \ensuremath{\frac{1}{2}}%
2378 }
2379 \ProvideTextCommandDefault{\textonequarter}{%
2380   \ensuremath{\frac{1}{4}}%
2381 }
2382 \ProvideTextCommandDefault{\textonesuperior}{%
2383   \ensuremath{{}^1}%
2384 }
2385 \ProvideTextCommandDefault{\textpm}{%
2386   \ensuremath\pm
2387 }
2388 \ProvideTextCommandDefault{\textthreequarters}{%
2389   \ensuremath{\frac{3}{4}}%
2390 }
2391 \ProvideTextCommandDefault{\textthreesuperior}{%
2392   \ensuremath{{}^3}%
2393 }
2394 \ProvideTextCommandDefault{\texttimes}{%
2395   \ensuremath\times
2396 }
2397 \ProvideTextCommandDefault{\texttwosuperior}{%
2398   \ensuremath{{}^2}%
2399 }
2400 \ProvideTextCommandDefault{\textyen}{%
2401   \TextSymbolUnavailable\textyen
2402 }
2403 \DeclareInputText{128}{\c C}
2404 \DeclareInputText{129}{\u}
2405 \DeclareInputText{130}{\@tabacckludge'e}
2406 \DeclareInputText{131}{\^a}
2407 \DeclareInputText{132}{\a}
2408 \DeclareInputText{133}{\@tabacckludge'a}
2409 \DeclareInputText{134}{\r a}
2410 \DeclareInputText{135}{\c c}
2411 \DeclareInputText{136}{\^e}
2412 \DeclareInputText{137}{\e}
2413 \DeclareInputText{138}{\@tabacckludge'e}
2414 \DeclareInputText{139}{\i}
2415 \DeclareInputText{140}{\^i}
2416 \DeclareInputText{141}{\@tabacckludge'i}
2417 \DeclareInputText{142}{\A}
2418 \DeclareInputText{143}{\r A}
2419 \DeclareInputText{144}{\@tabacckludge'E}
2420 \DeclareInputText{145}{\ae}
2421 \DeclareInputText{146}{\AE}
2422 \DeclareInputText{147}{\^o}
2423 \DeclareInputText{148}{\o}
2424 \DeclareInputText{149}{\@tabacckludge'o}
2425 \DeclareInputText{150}{\u}
2426 \DeclareInputText{151}{\@tabacckludge'u}
2427 \DeclareInputText{152}{\y}
2428 \DeclareInputText{153}{\0}
2429 \DeclareInputText{154}{\U}
2430 \DeclareInputText{155}{\o}

```

2431 \DeclareInputText{156}{\textsterling}  
2432 \DeclareInputText{157}{\0}  
2433 \DeclareInputText{158}{\texttimes}  
2434 \DeclareInputText{159}{\textflorin}  
2435 \DeclareInputText{160}{\@tabacckludge'a}  
2436 \DeclareInputText{161}{\@tabacckludge'i}  
2437 \DeclareInputText{162}{\@tabacckludge'o}  
2438 \DeclareInputText{163}{\@tabacckludge'u}  
2439 \DeclareInputText{164}{\~n}  
2440 \DeclareInputText{165}{\~N}  
2441 \DeclareInputText{166}{\textordfeminine}  
2442 \DeclareInputText{167}{\textordmasculine}  
2443 \DeclareInputText{168}{\textquestiondown}  
2444 \DeclareInputText{169}{\textregistered}  
2445 \DeclareInputText{170}{\textlnot}  
2446 \DeclareInputText{171}{\textonehalf}  
2447 \DeclareInputText{172}{\textonequarter}  
2448 \DeclareInputText{173}{\textexclamdown}  
2449 \DeclareInputText{174}{\guillemotleft}  
2450 \DeclareInputText{175}{\guillemotright}  
2451 \DeclareInputText{176}{\textltshade}  
2452 \DeclareInputText{177}{\textshade}  
2453 \DeclareInputText{178}{\textdkshade}  
2454 \DeclareInputText{179}{\textSFxi}  
2455 \DeclareInputText{180}{\textSFix}  
2456 \DeclareInputText{181}{\@tabacckludge'A}  
2457 \DeclareInputText{182}{\~A}  
2458 \DeclareInputText{183}{\@tabacckludge'A}  
2459 \DeclareInputText{184}{\textcopyright}  
2460 \DeclareInputText{185}{\textSFxxiii}  
2461 \DeclareInputText{186}{\textSFxxiv}  
2462 \DeclareInputText{187}{\textSFxxv}  
2463 \DeclareInputText{188}{\textSFxxvi}  
2464 \DeclareInputText{189}{\textcent}  
2465 \DeclareInputText{190}{\textyen}  
2466 \DeclareInputText{191}{\textSFiii}  
2467 \DeclareInputText{192}{\textSFii}  
2468 \DeclareInputText{193}{\textSFvii}  
2469 \DeclareInputText{194}{\textSFvi}  
2470 \DeclareInputText{195}{\textSFviii}  
2471 \DeclareInputText{196}{\textSFx}  
2472 \DeclareInputText{197}{\textSFv}  
2473 \DeclareInputText{198}{\~a}  
2474 \DeclareInputText{199}{\~A}  
2475 \DeclareInputText{200}{\textSFxxxviii}  
2476 \DeclareInputText{201}{\textSFxxxix}  
2477 \DeclareInputText{202}{\textSFxl}  
2478 \DeclareInputText{203}{\textSFxli}  
2479 \DeclareInputText{204}{\textSFxlii}  
2480 \DeclareInputText{205}{\textSFxliii}  
2481 \DeclareInputText{206}{\textSFxliv}  
2482 \DeclareInputText{207}{\textcurrency}  
2483 \DeclareInputText{208}{\dh}  
2484 \DeclareInputText{209}{\DH}  
2485 \DeclareInputText{210}{\~E}  
2486 \DeclareInputText{211}{\~E}  
2487 \DeclareInputText{212}{\@tabacckludge'E}  
2488 \DeclareInputText{213}{\i}  
2489 \DeclareInputText{214}{\@tabacckludge'I}  
2490 \DeclareInputText{215}{\~I}  
2491 \DeclareInputText{216}{\~I}  
2492 \DeclareInputText{217}{\textSFiv}

```

2493 \DeclareInputText{218}{\textSFi}
2494 \DeclareInputText{219}{\textblock}
2495 \DeclareInputText{220}{\textdnblock}
2496 \DeclareInputText{221}{\textbrokenbar}
2497 \DeclareInputText{222}{\@tabacckludge'I}
2498 \DeclareInputText{223}{\textupblock}
2499 \DeclareInputText{224}{\@tabacckludge'O}
2500 \DeclareInputText{225}{\ss}
2501 \DeclareInputText{226}{\^O}
2502 \DeclareInputText{227}{\@tabacckludge'O}
2503 \DeclareInputText{228}{\~o}
2504 \DeclareInputText{229}{\^O}
2505 \DeclareInputText{230}{\textmu}
2506 \DeclareInputText{231}{\th}
2507 \DeclareInputText{232}{\TH}
2508 \DeclareInputText{233}{\@tabacckludge'U}
2509 \DeclareInputText{234}{\^U}
2510 \DeclareInputText{235}{\@tabacckludge'U}
2511 \DeclareInputText{236}{\@tabacckludge'y}
2512 \DeclareInputText{237}{\@tabacckludge'Y}
2513 \DeclareInputText{238}{\textasciimacron}
2514 \DeclareInputText{239}{\textasciiacute}
2515 \DeclareInputText{240}{\~}
2516 \DeclareInputText{241}{\textpm}
2517 \DeclareInputText{242}{\textdbllowline}
2518 \DeclareInputText{243}{\textthreequarters}
2519 \DeclareInputText{244}{\textparagraph}
2520 \DeclareInputText{245}{\textsection}
2521 \DeclareInputText{246}{\textdiv}
2522 \DeclareInputText{247}{\c\ }
2523 \DeclareInputText{248}{\textdegree}
2524 \DeclareInputText{249}{\textasciidieresis}
2525 \DeclareInputText{250}{\textperiodcentered}
2526 \DeclareInputText{251}{\textonesuperior}
2527 \DeclareInputText{252}{\textthreesuperior}
2528 \DeclareInputText{253}{\texttwosuperior}
2529 \DeclareInputText{254}{\textblacksquare}
2530 \DeclareInputText{255}{\nobreakspace}
2531 \RestoreAtCatcode
2532 \cp850

```

### 2.5.17 Encoding cp852

```

2533 \cp852
2534 \ProvidesFile{x-cp852.def}%
2535 [2010/01/11 v1.6 Input encoding cp852 (inputex)]%
2536 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2537 \makeatletter
2538 \ProvideTextCommandDefault{\textacutedbl}{%
2539   \H{}}%
2540 }
2541 \ProvideTextCommandDefault{\textasciiacute}{%
2542   \@tabacckludge'{}%
2543 }
2544 \ProvideTextCommandDefault{\textasciibreve}{%
2545   \u{}}%
2546 }
2547 \ProvideTextCommandDefault{\textasciicaron}{%
2548   \v{}}%
2549 }
2550 \ProvideTextCommandDefault{\textasciidieresis}{%
2551   \~{}}%
2552 }
2553 \ProvideTextCommandDefault{\textblacksquare}{%

```

```

2554 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2555 }
2556 \ProvideTextCommandDefault{\textcurrency}{%
2557 \TextSymbolUnavailable\textcurrency
2558 }
2559 \ProvideTextCommandDefault{\textdegree}{%
2560 \ensuremath{{}^\circ}}%
2561 }
2562 \ProvideTextCommandDefault{\textdiv}{%
2563 \TextSymbolUnavailable\textdiv
2564 }
2565 \ProvideTextCommandDefault{\textlnot}{%
2566 \ensuremath{\lnot}
2567 }
2568 \ProvideTextCommandDefault{\texttimes}{%
2569 \ensuremath{\times}
2570 }
2571 \DeclareInputText{128}{\c C}
2572 \DeclareInputText{129}{\u u}
2573 \DeclareInputText{130}{\@tabacckludge'e}
2574 \DeclareInputText{131}{\^a}
2575 \DeclareInputText{132}{\a}
2576 \DeclareInputText{133}{\r u}
2577 \DeclareInputText{134}{\@tabacckludge'c}
2578 \DeclareInputText{135}{\c c}
2579 \DeclareInputText{136}{\l}
2580 \DeclareInputText{137}{\e}
2581 \DeclareInputText{138}{\H O}
2582 \DeclareInputText{139}{\H o}
2583 \DeclareInputText{140}{\^i}
2584 \DeclareInputText{141}{\@tabacckludge'Z}
2585 \DeclareInputText{142}{\A}
2586 \DeclareInputText{143}{\@tabacckludge'C}
2587 \DeclareInputText{144}{\@tabacckludge'E}
2588 \DeclareInputText{145}{\@tabacckludge'L}
2589 \DeclareInputText{146}{\@tabacckludge'l}
2590 \DeclareInputText{147}{\^o}
2591 \DeclareInputText{148}{\o}
2592 \DeclareInputText{149}{\v L}
2593 \DeclareInputText{150}{\v l}
2594 \DeclareInputText{151}{\@tabacckludge'S}
2595 \DeclareInputText{152}{\@tabacckludge's}
2596 \DeclareInputText{153}{\0}
2597 \DeclareInputText{154}{\U}
2598 \DeclareInputText{155}{\v T}
2599 \DeclareInputText{156}{\v t}
2600 \DeclareInputText{157}{\L}
2601 \DeclareInputText{158}{\texttimes}
2602 \DeclareInputText{159}{\v c}
2603 \DeclareInputText{160}{\@tabacckludge'a}
2604 \DeclareInputText{161}{\@tabacckludge'i}
2605 \DeclareInputText{162}{\@tabacckludge'o}
2606 \DeclareInputText{163}{\@tabacckludge'u}
2607 \DeclareInputText{164}{\k A}
2608 \DeclareInputText{165}{\k a}
2609 \DeclareInputText{166}{\v Z}
2610 \DeclareInputText{167}{\v z}
2611 \DeclareInputText{168}{\k E}
2612 \DeclareInputText{169}{\k e}
2613 \DeclareInputText{170}{\textlnot}
2614 \DeclareInputText{171}{\@tabacckludge'z}
2615 \DeclareInputText{172}{\v C}

```



2616 \DeclareInputText{173}{\c s}  
2617 \DeclareInputText{174}{\guillemotleft}  
2618 \DeclareInputText{175}{\guillemotright}  
2619 \DeclareInputText{176}{\textltshade}  
2620 \DeclareInputText{177}{\textshade}  
2621 \DeclareInputText{178}{\textdkshade}  
2622 \DeclareInputText{179}{\textSFxi}  
2623 \DeclareInputText{180}{\textSFix}  
2624 \DeclareInputText{181}{\@tabacckludge'A}  
2625 \DeclareInputText{182}{\^A}  
2626 \DeclareInputText{183}{\v E}  
2627 \DeclareInputText{184}{\c S}  
2628 \DeclareInputText{185}{\textSFxxiii}  
2629 \DeclareInputText{186}{\textSFxxiv}  
2630 \DeclareInputText{187}{\textSFxxv}  
2631 \DeclareInputText{188}{\textSFxxvi}  
2632 \DeclareInputText{189}{\ .Z}  
2633 \DeclareInputText{190}{\ .z}  
2634 \DeclareInputText{191}{\textSFiii}  
2635 \DeclareInputText{192}{\textSFii}  
2636 \DeclareInputText{193}{\textSFvii}  
2637 \DeclareInputText{194}{\textSFvi}  
2638 \DeclareInputText{195}{\textSFviii}  
2639 \DeclareInputText{196}{\textSFx}  
2640 \DeclareInputText{197}{\textSFv}  
2641 \DeclareInputText{198}{\u A}  
2642 \DeclareInputText{199}{\u a}  
2643 \DeclareInputText{200}{\textSFxxxviii}  
2644 \DeclareInputText{201}{\textSFxxxix}  
2645 \DeclareInputText{202}{\textSFxl}  
2646 \DeclareInputText{203}{\textSFxli}  
2647 \DeclareInputText{204}{\textSFxlii}  
2648 \DeclareInputText{205}{\textSFxliii}  
2649 \DeclareInputText{206}{\textSFxliv}  
2650 \DeclareInputText{207}{\textcurrency}  
2651 \DeclareInputText{208}{\dj}  
2652 \DeclareInputText{209}{\DJ}  
2653 \DeclareInputText{210}{\v D}  
2654 \DeclareInputText{211}{\ "E}  
2655 \DeclareInputText{212}{\v d}  
2656 \DeclareInputText{213}{\v N}  
2657 \DeclareInputText{214}{\@tabacckludge'I}  
2658 \DeclareInputText{215}{\^I}  
2659 \DeclareInputText{216}{\v e}  
2660 \DeclareInputText{217}{\textSFiv}  
2661 \DeclareInputText{218}{\textSFi}  
2662 \DeclareInputText{219}{\textblock}  
2663 \DeclareInputText{220}{\textdnblock}  
2664 \DeclareInputText{221}{\c T}  
2665 \DeclareInputText{222}{\r U}  
2666 \DeclareInputText{223}{\textupblock}  
2667 \DeclareInputText{224}{\@tabacckludge'O}  
2668 \DeclareInputText{225}{\ss}  
2669 \DeclareInputText{226}{\^O}  
2670 \DeclareInputText{227}{\@tabacckludge'N}  
2671 \DeclareInputText{228}{\@tabacckludge'n}  
2672 \DeclareInputText{229}{\v n}  
2673 \DeclareInputText{230}{\v S}  
2674 \DeclareInputText{231}{\v s}  
2675 \DeclareInputText{232}{\@tabacckludge'R}  
2676 \DeclareInputText{233}{\@tabacckludge'U}  
2677 \DeclareInputText{234}{\@tabacckludge'r}

```

2678 \DeclareInputText{235}{\H U}
2679 \DeclareInputText{236}{\@tabacckludge'y}
2680 \DeclareInputText{237}{\@tabacckludge'Y}
2681 \DeclareInputText{238}{\c t}
2682 \DeclareInputText{239}{\textasciiacute}
2683 \DeclareInputText{240}{\ -}
2684 \DeclareInputText{241}{\textacutedbl}
2685 \DeclareInputText{242}{\k{}}
2686 \DeclareInputText{243}{\textasciicaron}
2687 \DeclareInputText{244}{\textasciibreve}
2688 \DeclareInputText{245}{\textsection}
2689 \DeclareInputText{246}{\textdiv}
2690 \DeclareInputText{247}{\c\ }
2691 \DeclareInputText{248}{\textdegree}
2692 \DeclareInputText{249}{\textasciidieresis}
2693 \DeclareInputText{250}{\ .{}}
2694 \DeclareInputText{251}{\H u}
2695 \DeclareInputText{252}{\v R}
2696 \DeclareInputText{253}{\v r}
2697 \DeclareInputText{254}{\textblacksquare}
2698 \DeclareInputText{255}{\nobreakspace}
2699 \RestoreAtCatcode
2700 </cp852>

```

### 2.5.18 Encoding cp855

```

2701 <*cp855>
2702 \ProvidesFile{x-cp855.def}%
2703 [2010/01/11 v1.6 Input encoding cp855 (inputenx)]%
2704 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2705 \makeatletter
2706 \ProvideTextCommandDefault{\textblacksquare}{%
2707 \vrule \@width .3em \@height .4em \@depth -.1em\relax
2708 }
2709 \ProvideTextCommandDefault{\textcurrency}{%
2710 \TextSymbolUnavailable\textcurrency
2711 }
2712 \ProvideTextCommandDefault{\textnumero}{%
2713 N%
2714 \bgroup
2715 \check@mathfonts
2716 \fontsize\sf@size\z@
2717 \math@fontsfalse
2718 \selectfont
2719 \ooalign{%
2720 \raise0.5ex\hbox{o}%
2721 \crrc
2722 \hline
2723 }%
2724 \egroup
2725 }
2726 \DeclareInputText{128}{\cyrdje}
2727 \DeclareInputText{129}{\CYRDJE}
2728 \DeclareInputText{130}{\@tabacckludge'\cyrg}
2729 \DeclareInputText{131}{\@tabacckludge'\CYRG}
2730 \DeclareInputText{132}{\cyryo}
2731 \DeclareInputText{133}{\CYRYO}
2732 \DeclareInputText{134}{\cyrie}
2733 \DeclareInputText{135}{\CYRIE}
2734 \DeclareInputText{136}{\cyrdze}
2735 \DeclareInputText{137}{\CYRDZE}
2736 \DeclareInputText{138}{\cyrri}
2737 \DeclareInputText{139}{\CYRII}
2738 \DeclareInputText{140}{\cyrri}

```

2739 \DeclareInputText{141}{\CYRYI}  
2740 \DeclareInputText{142}{\cyrje}  
2741 \DeclareInputText{143}{\CYRJE}  
2742 \DeclareInputText{144}{\cyrlje}  
2743 \DeclareInputText{145}{\CYRLJE}  
2744 \DeclareInputText{146}{\cyrnje}  
2745 \DeclareInputText{147}{\CYRNJE}  
2746 \DeclareInputText{148}{\cyrtshe}  
2747 \DeclareInputText{149}{\CYRTSHE}  
2748 \DeclareInputText{150}{\@tabacckludge'\cyrk}  
2749 \DeclareInputText{151}{\@tabacckludge'\CYRK}  
2750 \DeclareInputText{152}{\cyrushrt}  
2751 \DeclareInputText{153}{\CYRUSHRT}  
2752 \DeclareInputText{154}{\cyrdze}  
2753 \DeclareInputText{155}{\CYRDZHE}  
2754 \DeclareInputText{156}{\cyrju}  
2755 \DeclareInputText{157}{\CYRYU}  
2756 \DeclareInputText{158}{\cyrhrdsn}  
2757 \DeclareInputText{159}{\CYRHRDSN}  
2758 \DeclareInputText{160}{\cyrja}  
2759 \DeclareInputText{161}{\CYRA}  
2760 \DeclareInputText{162}{\cyrba}  
2761 \DeclareInputText{163}{\CYRBA}  
2762 \DeclareInputText{164}{\cyrca}  
2763 \DeclareInputText{165}{\CYRCA}  
2764 \DeclareInputText{166}{\cyrda}  
2765 \DeclareInputText{167}{\CYRDA}  
2766 \DeclareInputText{168}{\cyrja}  
2767 \DeclareInputText{169}{\CYRJA}  
2768 \DeclareInputText{170}{\cyrfa}  
2769 \DeclareInputText{171}{\CYRFA}  
2770 \DeclareInputText{172}{\cyrja}  
2771 \DeclareInputText{173}{\CYRJA}  
2772 \DeclareInputText{174}{\guillemotleft}  
2773 \DeclareInputText{175}{\guillemotright}  
2774 \DeclareInputText{176}{\textltshade}  
2775 \DeclareInputText{177}{\textshade}  
2776 \DeclareInputText{178}{\textdkshade}  
2777 \DeclareInputText{179}{\textSFxi}  
2778 \DeclareInputText{180}{\textSFxi}  
2779 \DeclareInputText{181}{\cyrha}  
2780 \DeclareInputText{182}{\CYRHA}  
2781 \DeclareInputText{183}{\cyrja}  
2782 \DeclareInputText{184}{\CYRJA}  
2783 \DeclareInputText{185}{\textSFxxiii}  
2784 \DeclareInputText{186}{\textSFxxiv}  
2785 \DeclareInputText{187}{\textSFxxv}  
2786 \DeclareInputText{188}{\textSFxxvi}  
2787 \DeclareInputText{189}{\cyrishrt}  
2788 \DeclareInputText{190}{\CYRISHRT}  
2789 \DeclareInputText{191}{\textSFiii}  
2790 \DeclareInputText{192}{\textSFii}  
2791 \DeclareInputText{193}{\textSFvii}  
2792 \DeclareInputText{194}{\textSFvi}  
2793 \DeclareInputText{195}{\textSFviii}  
2794 \DeclareInputText{196}{\textSFx}  
2795 \DeclareInputText{197}{\textSFv}  
2796 \DeclareInputText{198}{\cyrka}  
2797 \DeclareInputText{199}{\CYRKA}  
2798 \DeclareInputText{200}{\textSFxxxviii}  
2799 \DeclareInputText{201}{\textSFxxxix}  
2800 \DeclareInputText{202}{\textSFxl}

```

2801 \DeclareInputText{203}{\textSFxli}
2802 \DeclareInputText{204}{\textSFxlii}
2803 \DeclareInputText{205}{\textSFxliii}
2804 \DeclareInputText{206}{\textSFxliv}
2805 \DeclareInputText{207}{\textcurrency}
2806 \DeclareInputText{208}{\cyr1}
2807 \DeclareInputText{209}{\CYRL}
2808 \DeclareInputText{210}{\cyrm}
2809 \DeclareInputText{211}{\CYRM}
2810 \DeclareInputText{212}{\cyrn}
2811 \DeclareInputText{213}{\CYRN}
2812 \DeclareInputText{214}{\cyro}
2813 \DeclareInputText{215}{\CYRO}
2814 \DeclareInputText{216}{\cyrp}
2815 \DeclareInputText{217}{\textSFiv}
2816 \DeclareInputText{218}{\textSFi}
2817 \DeclareInputText{219}{\textblock}
2818 \DeclareInputText{220}{\textdnblock}
2819 \DeclareInputText{221}{\CYRP}
2820 \DeclareInputText{222}{\cyrYA}
2821 \DeclareInputText{223}{\textupblock}
2822 \DeclareInputText{224}{\CYRYA}
2823 \DeclareInputText{225}{\cyrR}
2824 \DeclareInputText{226}{\CYRR}
2825 \DeclareInputText{227}{\cyrS}
2826 \DeclareInputText{228}{\CYRS}
2827 \DeclareInputText{229}{\cyrT}
2828 \DeclareInputText{230}{\CYRT}
2829 \DeclareInputText{231}{\cyrU}
2830 \DeclareInputText{232}{\CYRU}
2831 \DeclareInputText{233}{\cyrZH}
2832 \DeclareInputText{234}{\CYRZH}
2833 \DeclareInputText{235}{\cyrV}
2834 \DeclareInputText{236}{\CYRV}
2835 \DeclareInputText{237}{\cyrSFTSN}
2836 \DeclareInputText{238}{\CYRSFTSN}
2837 \DeclareInputText{239}{\textnumero}
2838 \DeclareInputText{240}{\textasciicircum}
2839 \DeclareInputText{241}{\cyrERY}
2840 \DeclareInputText{242}{\CYRERY}
2841 \DeclareInputText{243}{\cyrZ}
2842 \DeclareInputText{244}{\CYRZ}
2843 \DeclareInputText{245}{\cyrSH}
2844 \DeclareInputText{246}{\CYRSH}
2845 \DeclareInputText{247}{\cyrEREV}
2846 \DeclareInputText{248}{\CYREREV}
2847 \DeclareInputText{249}{\cyrSHCH}
2848 \DeclareInputText{250}{\CYRSHCH}
2849 \DeclareInputText{251}{\cyrCH}
2850 \DeclareInputText{252}{\CYRCH}
2851 \DeclareInputText{253}{\textsection}
2852 \DeclareInputText{254}{\textblacksquare}
2853 \DeclareInputText{255}{\nobreakspace}
2854 \RestoreAtCatcode
2855 </cp855>

```

### 2.5.19 Encoding cp858

```

2856 <*cp858>
2857 \ProvidesFile{x-cp858.def}%
2858 [2010/01/11 v1.6 Input encoding cp858 (inputenx)]%
2859 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
2860 \makeatletter
2861 \ProvideTextCommandDefault{\textasciicircum}{%

```

```

2862 \@tabacckludge'{}%
2863 }
2864 \ProvideTextCommandDefault{\textasciidieresis}{%
2865   "{}%
2866 }
2867 \ProvideTextCommandDefault{\textasciimacron}{%
2868   \@tabacckludge={}%
2869 }
2870 \ProvideTextCommandDefault{\textblacksquare}{%
2871   \vrule \@width .3em \@height .4em \@depth -.1em\relax
2872 }
2873 \ProvideTextCommandDefault{\textbrokenbar}{%
2874   \TextSymbolUnavailable\textbrokenbar
2875 }
2876 \ProvideTextCommandDefault{\textcent}{%
2877   \TextSymbolUnavailable\textcent
2878 }
2879 \ProvideTextCommandDefault{\textcurrency}{%
2880   \TextSymbolUnavailable\textcurrency
2881 }
2882 \ProvideTextCommandDefault{\textdbllowline}{%
2883   \begingroup
2884     \sbox0{\textunderscore}%
2885     \leavevmode
2886     \ifdim\dp0<.2ex\relax
2887       \rlap{\raisebox{- .2ex}[Opt]{\textunderscore}}%
2888     \else
2889       \rlap{\raisebox{.2ex}[Opt]{\textunderscore}}%
2890     \fi
2891     \textunderscore
2892   \endgroup
2893 }
2894 \ProvideTextCommandDefault{\textdegree}{%
2895   \ensuremath{{}^\circ}}%
2896 }
2897 \ProvideTextCommandDefault{\textdiv}{%
2898   \TextSymbolUnavailable\textdiv
2899 }
2900 \ProvideTextCommandDefault{\texteuro}{%
2901   \TextSymbolUnavailable\texteuro
2902 }
2903 \ProvideTextCommandDefault{\textflorin}{%
2904   \textit{f}}%
2905 }
2906 \ProvideTextCommandDefault{\textlnot}{%
2907   \ensuremath{\lnot}
2908 }
2909 \ProvideTextCommandDefault{\textmu}{%
2910   \ensuremath{\mu}
2911 }
2912 \ProvideTextCommandDefault{\textonehalf}{%
2913   \ensuremath{\frac{1}{2}}%
2914 }
2915 \ProvideTextCommandDefault{\textonequarter}{%
2916   \ensuremath{\frac{1}{4}}%
2917 }
2918 \ProvideTextCommandDefault{\textonesuperior}{%
2919   \ensuremath{{}^1}}%
2920 }
2921 \ProvideTextCommandDefault{\textpm}{%
2922   \ensuremath{\text{pm}}
2923 }

```

```

2924 \ProvideTextCommandDefault{\textthreequarters}{%
2925   \ensuremath{\frac{3}{4}}%
2926 }
2927 \ProvideTextCommandDefault{\textthreesuperior}{%
2928   \ensuremath{{}^3}%
2929 }
2930 \ProvideTextCommandDefault{\texttimes}{%
2931   \ensuremath\times
2932 }
2933 \ProvideTextCommandDefault{\texttwosuperior}{%
2934   \ensuremath{{}^2}}%
2935 }
2936 \ProvideTextCommandDefault{\textyen}{%
2937   \TextSymbolUnavailable\textyen
2938 }
2939 \DeclareInputText{128}{\c C}
2940 \DeclareInputText{129}{\u u}
2941 \DeclareInputText{130}{\@tabacckludge'e}
2942 \DeclareInputText{131}{\^a}
2943 \DeclareInputText{132}{\a}
2944 \DeclareInputText{133}{\@tabacckludge'a}
2945 \DeclareInputText{134}{\r a}
2946 \DeclareInputText{135}{\c c}
2947 \DeclareInputText{136}{\^e}
2948 \DeclareInputText{137}{\e}
2949 \DeclareInputText{138}{\@tabacckludge'e}
2950 \DeclareInputText{139}{\i}
2951 \DeclareInputText{140}{\^i}
2952 \DeclareInputText{141}{\@tabacckludge'i}
2953 \DeclareInputText{142}{\A}
2954 \DeclareInputText{143}{\r A}
2955 \DeclareInputText{144}{\@tabacckludge'E}
2956 \DeclareInputText{145}{\ae}
2957 \DeclareInputText{146}{\AE}
2958 \DeclareInputText{147}{\^o}
2959 \DeclareInputText{148}{\o}
2960 \DeclareInputText{149}{\@tabacckludge'o}
2961 \DeclareInputText{150}{\u}
2962 \DeclareInputText{151}{\@tabacckludge'u}
2963 \DeclareInputText{152}{\y}
2964 \DeclareInputText{153}{\0}
2965 \DeclareInputText{154}{\U}
2966 \DeclareInputText{155}{\o}
2967 \DeclareInputText{156}{\textsterling}
2968 \DeclareInputText{157}{\0}
2969 \DeclareInputText{158}{\texttimes}
2970 \DeclareInputText{159}{\textflorin}
2971 \DeclareInputText{160}{\@tabacckludge'a}
2972 \DeclareInputText{161}{\@tabacckludge'i}
2973 \DeclareInputText{162}{\@tabacckludge'o}
2974 \DeclareInputText{163}{\@tabacckludge'u}
2975 \DeclareInputText{164}{\~n}
2976 \DeclareInputText{165}{\~N}
2977 \DeclareInputText{166}{\textordfeminine}
2978 \DeclareInputText{167}{\textordmasculine}
2979 \DeclareInputText{168}{\textquestiondown}
2980 \DeclareInputText{169}{\textregistered}
2981 \DeclareInputText{170}{\textlnot}
2982 \DeclareInputText{171}{\textonehalf}
2983 \DeclareInputText{172}{\textonequarter}
2984 \DeclareInputText{173}{\textexclamdown}
2985 \DeclareInputText{174}{\guillemotleft}

```

2986 \DeclareInputText{175}{\guillemotright}  
2987 \DeclareInputText{176}{\textltshade}  
2988 \DeclareInputText{177}{\textshade}  
2989 \DeclareInputText{178}{\textdkshade}  
2990 \DeclareInputText{179}{\textSFxi}  
2991 \DeclareInputText{180}{\textSFix}  
2992 \DeclareInputText{181}{\@tabacckludge'A}  
2993 \DeclareInputText{182}{\^A}  
2994 \DeclareInputText{183}{\@tabacckludge'A}  
2995 \DeclareInputText{184}{\textcopyright}  
2996 \DeclareInputText{185}{\textSFxxiii}  
2997 \DeclareInputText{186}{\textSFxxiv}  
2998 \DeclareInputText{187}{\textSFxxv}  
2999 \DeclareInputText{188}{\textSFxxvi}  
3000 \DeclareInputText{189}{\textcent}  
3001 \DeclareInputText{190}{\textyen}  
3002 \DeclareInputText{191}{\textSFiii}  
3003 \DeclareInputText{192}{\textSFii}  
3004 \DeclareInputText{193}{\textSFvii}  
3005 \DeclareInputText{194}{\textSFvi}  
3006 \DeclareInputText{195}{\textSFviii}  
3007 \DeclareInputText{196}{\textSFx}  
3008 \DeclareInputText{197}{\textSFv}  
3009 \DeclareInputText{198}{\^a}  
3010 \DeclareInputText{199}{\^A}  
3011 \DeclareInputText{200}{\textSFxxxviii}  
3012 \DeclareInputText{201}{\textSFxxxix}  
3013 \DeclareInputText{202}{\textSFxl}  
3014 \DeclareInputText{203}{\textSFxli}  
3015 \DeclareInputText{204}{\textSFxlii}  
3016 \DeclareInputText{205}{\textSFxliii}  
3017 \DeclareInputText{206}{\textSFxliv}  
3018 \DeclareInputText{207}{\textcurrency}  
3019 \DeclareInputText{208}{\dh}  
3020 \DeclareInputText{209}{\DH}  
3021 \DeclareInputText{210}{\^E}  
3022 \DeclareInputText{211}{\^E}  
3023 \DeclareInputText{212}{\@tabacckludge'E}  
3024 \DeclareInputText{213}{\texteuro}  
3025 \DeclareInputText{214}{\@tabacckludge'I}  
3026 \DeclareInputText{215}{\^I}  
3027 \DeclareInputText{216}{\^I}  
3028 \DeclareInputText{217}{\textSFiv}  
3029 \DeclareInputText{218}{\textSFi}  
3030 \DeclareInputText{219}{\textblock}  
3031 \DeclareInputText{220}{\textdnblock}  
3032 \DeclareInputText{221}{\textbrokenbar}  
3033 \DeclareInputText{222}{\@tabacckludge'I}  
3034 \DeclareInputText{223}{\textupblock}  
3035 \DeclareInputText{224}{\@tabacckludge'O}  
3036 \DeclareInputText{225}{\ss}  
3037 \DeclareInputText{226}{\^O}  
3038 \DeclareInputText{227}{\@tabacckludge'O}  
3039 \DeclareInputText{228}{\^o}  
3040 \DeclareInputText{229}{\^O}  
3041 \DeclareInputText{230}{\textmu}  
3042 \DeclareInputText{231}{\th}  
3043 \DeclareInputText{232}{\TH}  
3044 \DeclareInputText{233}{\@tabacckludge'U}  
3045 \DeclareInputText{234}{\^U}  
3046 \DeclareInputText{235}{\@tabacckludge'U}  
3047 \DeclareInputText{236}{\@tabacckludge'y}

```

3048 \DeclareInputText{237}{\@tabacckludge'Y}
3049 \DeclareInputText{238}{\textasciimacron}
3050 \DeclareInputText{239}{\textasciiacute}
3051 \DeclareInputText{240}{\ -}
3052 \DeclareInputText{241}{\textpm}
3053 \DeclareInputText{242}{\textdblowlowline}
3054 \DeclareInputText{243}{\textthreequarters}
3055 \DeclareInputText{244}{\textparagraph}
3056 \DeclareInputText{245}{\textsection}
3057 \DeclareInputText{246}{\textdiv}
3058 \DeclareInputText{247}{\c\ }
3059 \DeclareInputText{248}{\textdegree}
3060 \DeclareInputText{249}{\textasciidieresis}
3061 \DeclareInputText{250}{\textperiodcentered}
3062 \DeclareInputText{251}{\textonesuperior}
3063 \DeclareInputText{252}{\textthreesuperior}
3064 \DeclareInputText{253}{\texttwosuperior}
3065 \DeclareInputText{254}{\textblacksquare}
3066 \DeclareInputText{255}{\nobreakspace}
3067 \RestoreAtCatcode
3068 </cp858>

```

## 2.5.20 Encoding cp865

```

3069 <*cp865>
3070 \ProvidesFile{x-cp865.def}%
3071 [2010/01/11 v1.6 Input encoding cp865 (inputenx)]%
3072 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3073 \makeatletter
3074 \ProvideTextCommandDefault{\textGamma}{%
3075   \ensuremath\Gamma
3076 }
3077 \ProvideTextCommandDefault{\textOmega}{%
3078   \ensuremath\Omega
3079 }
3080 \ProvideTextCommandDefault{\textPhi}{%
3081   \ensuremath\Phi
3082 }
3083 \ProvideTextCommandDefault{\textSigma}{%
3084   \ensuremath\Sigma
3085 }
3086 \ProvideTextCommandDefault{\textTheta}{%
3087   \ensuremath\Theta
3088 }
3089 \ProvideTextCommandDefault{\textalpha}{%
3090   \ensuremath\alpha
3091 }
3092 \ProvideTextCommandDefault{\textapproxequal}{%
3093   \ensuremath\approx
3094 }
3095 \ProvideTextCommandDefault{\textblacksquare}{%
3096   \vrule \@width .3em \@height .4em \@depth -.1em\relax
3097 }
3098 \ProvideTextCommandDefault{\textcurrency}{%
3099   \TextSymbolUnavailable\textcurrency
3100 }
3101 \ProvideTextCommandDefault{\textdegree}{%
3102   \ensuremath{\textasciicircum}\circ}%
3103 }
3104 \ProvideTextCommandDefault{\textdelta}{%
3105   \ensuremath\delta
3106 }
3107 \ProvideTextCommandDefault{\textdiv}{%
3108   \TextSymbolUnavailable\textdiv

```



```

3109 }
3110 \ProvideTextCommandDefault{\textepsilon}{%
3111   \ensuremath\varepsilon
3112 }
3113 \ProvideTextCommandDefault{\textequivalence}{%
3114   \ensuremath\equiv
3115 }
3116 \ProvideTextCommandDefault{\textflorin}{%
3117   \textit{f}%
3118 }
3119 \ProvideTextCommandDefault{\textgreaterorequal}{%
3120   \ensuremath\geq
3121 }
3122 \ProvideTextCommandDefault{\textinfinity}{%
3123   \ensuremath\infty
3124 }
3125 \ProvideTextCommandDefault{\textintersection}{%
3126   \ensuremath\cap
3127 }
3128 \ProvideTextCommandDefault{\textlessequal}{%
3129   \ensuremath\leq
3130 }
3131 \ProvideTextCommandDefault{\textlnot}{%
3132   \ensuremath\not
3133 }
3134 \ProvideTextCommandDefault{\textmu}{%
3135   \ensuremath\mu
3136 }
3137 \ProvideTextCommandDefault{\textnsuperior}{%
3138   \ensuremath{{}^n}%
3139 }
3140 \ProvideTextCommandDefault{\textonehalf}{%
3141   \ensuremath{\frac{1}{2}}%
3142 }
3143 \ProvideTextCommandDefault{\textonequarter}{%
3144   \ensuremath{\frac{1}{4}}%
3145 }
3146 \ProvideTextCommandDefault{\textpeseta}{%
3147   Pt%
3148 }
3149 \ProvideTextCommandDefault{\textphi}{%
3150   \ensuremath\phi
3151 }
3152 \ProvideTextCommandDefault{\textpi}{%
3153   \ensuremath\pi
3154 }
3155 \ProvideTextCommandDefault{\textpm}{%
3156   \ensuremath\pmb{p}
3157 }
3158 \ProvideTextCommandDefault{\textrevlogicalnot}{%
3159   \begingroup
3160     \ifundefined{reflectbox}{%
3161       \TextSymbolUnavailable\textrevlogicalnot
3162     }{%
3163       \def\@revlogicalnot##1##2{%
3164         \reflectbox{##1##2}}%
3165     }%
3166     \ensuremath{\mathpalette\@revlogicalnot\not}%
3167   }%
3168   \endgroup
3169 }
3170 \ProvideTextCommandDefault{\textsigma}{%

```

```

3171 \ensuremath\sigma
3172 }
3173 \ProvideTextCommandDefault{\textsurd}{%
3174 \ensuremath\surd
3175 }
3176 \ProvideTextCommandDefault{\texttau}{%
3177 \ensuremath\tau
3178 }
3179 \ProvideTextCommandDefault{\texttwosuperior}{%
3180 \ensuremath{{}^2}}%
3181 }
3182 \DeclareInputText{128}{\c C}
3183 \DeclareInputText{129}{\u}
3184 \DeclareInputText{130}{\@tabacckludge'e}
3185 \DeclareInputText{131}{\^a}
3186 \DeclareInputText{132}{\a}
3187 \DeclareInputText{133}{\@tabacckludge'a}
3188 \DeclareInputText{134}{\r a}
3189 \DeclareInputText{135}{\c c}
3190 \DeclareInputText{136}{\^e}
3191 \DeclareInputText{137}{\e}
3192 \DeclareInputText{138}{\@tabacckludge'e}
3193 \DeclareInputText{139}{\i}
3194 \DeclareInputText{140}{\^i}
3195 \DeclareInputText{141}{\@tabacckludge'i}
3196 \DeclareInputText{142}{\A}
3197 \DeclareInputText{143}{\r A}
3198 \DeclareInputText{144}{\@tabacckludge'E}
3199 \DeclareInputText{145}{\ae}
3200 \DeclareInputText{146}{\AE}
3201 \DeclareInputText{147}{\^o}
3202 \DeclareInputText{148}{\o}
3203 \DeclareInputText{149}{\@tabacckludge'o}
3204 \DeclareInputText{150}{\^u}
3205 \DeclareInputText{151}{\@tabacckludge'u}
3206 \DeclareInputText{152}{\y}
3207 \DeclareInputText{153}{\0}
3208 \DeclareInputText{154}{\U}
3209 \DeclareInputText{155}{\o}
3210 \DeclareInputText{156}{\textsterling}
3211 \DeclareInputText{157}{\0}
3212 \DeclareInputText{158}{\textpeseta}
3213 \DeclareInputText{159}{\textflorin}
3214 \DeclareInputText{160}{\@tabacckludge'a}
3215 \DeclareInputText{161}{\@tabacckludge'i}
3216 \DeclareInputText{162}{\@tabacckludge'o}
3217 \DeclareInputText{163}{\@tabacckludge'u}
3218 \DeclareInputText{164}{\~n}
3219 \DeclareInputText{165}{\~N}
3220 \DeclareInputText{166}{\textordfeminine}
3221 \DeclareInputText{167}{\textordmasculine}
3222 \DeclareInputText{168}{\textquestiondown}
3223 \DeclareInputText{169}{\textrevlogicalnot}
3224 \DeclareInputText{170}{\textlnot}
3225 \DeclareInputText{171}{\textonehalf}
3226 \DeclareInputText{172}{\textonequarter}
3227 \DeclareInputText{173}{\textexclamdown}
3228 \DeclareInputText{174}{\guillemotleft}
3229 \DeclareInputText{175}{\textcurrency}
3230 \DeclareInputText{176}{\textltshade}
3231 \DeclareInputText{177}{\textshade}
3232 \DeclareInputText{178}{\textdkshade}

```

```

3233 \DeclareInputText{179}{\textSFxi}
3234 \DeclareInputText{180}{\textSFix}
3235 \DeclareInputText{181}{\textSFxix}
3236 \DeclareInputText{182}{\textSFxx}
3237 \DeclareInputText{183}{\textSFxxi}
3238 \DeclareInputText{184}{\textSFxxii}
3239 \DeclareInputText{185}{\textSFxxiii}
3240 \DeclareInputText{186}{\textSFxxiv}
3241 \DeclareInputText{187}{\textSFxxv}
3242 \DeclareInputText{188}{\textSFxxvi}
3243 \DeclareInputText{189}{\textSFxxvii}
3244 \DeclareInputText{190}{\textSFxxviii}
3245 \DeclareInputText{191}{\textSFiii}
3246 \DeclareInputText{192}{\textSFii}
3247 \DeclareInputText{193}{\textSFvii}
3248 \DeclareInputText{194}{\textSFvi}
3249 \DeclareInputText{195}{\textSFviii}
3250 \DeclareInputText{196}{\textSFx}
3251 \DeclareInputText{197}{\textSFv}
3252 \DeclareInputText{198}{\textSFxxxvi}
3253 \DeclareInputText{199}{\textSFxxxvii}
3254 \DeclareInputText{200}{\textSFxxxviii}
3255 \DeclareInputText{201}{\textSFxxxix}
3256 \DeclareInputText{202}{\textSFxl}
3257 \DeclareInputText{203}{\textSFxli}
3258 \DeclareInputText{204}{\textSFxlii}
3259 \DeclareInputText{205}{\textSFxliii}
3260 \DeclareInputText{206}{\textSFxliv}
3261 \DeclareInputText{207}{\textSFxlv}
3262 \DeclareInputText{208}{\textSFxlvi}
3263 \DeclareInputText{209}{\textSFxlvii}
3264 \DeclareInputText{210}{\textSFxlviii}
3265 \DeclareInputText{211}{\textSFxl ix}
3266 \DeclareInputText{212}{\textSF1}
3267 \DeclareInputText{213}{\textSFli}
3268 \DeclareInputText{214}{\textSFlii}
3269 \DeclareInputText{215}{\textSFliii}
3270 \DeclareInputText{216}{\textSFliv}
3271 \DeclareInputText{217}{\textSFiv}
3272 \DeclareInputText{218}{\textSFi}
3273 \DeclareInputText{219}{\textblock}
3274 \DeclareInputText{220}{\textdnblock}
3275 \DeclareInputText{221}{\textlfblock}
3276 \DeclareInputText{222}{\textrtblock}
3277 \DeclareInputText{223}{\textupblock}
3278 \DeclareInputText{224}{\textalpha}
3279 \DeclareInputText{225}{\ss}
3280 \DeclareInputText{226}{\textGamma}
3281 \DeclareInputText{227}{\textpi}
3282 \DeclareInputText{228}{\textSigma}
3283 \DeclareInputText{229}{\textsigma}
3284 \DeclareInputText{230}{\textmu}
3285 \DeclareInputText{231}{\texttau}
3286 \DeclareInputText{232}{\textPhi}
3287 \DeclareInputText{233}{\textTheta}
3288 \DeclareInputText{234}{\textOmega}
3289 \DeclareInputText{235}{\textdelta}
3290 \DeclareInputText{236}{\textinfinity}
3291 \DeclareInputText{237}{\textphi}
3292 \DeclareInputText{238}{\textepsilon}
3293 \DeclareInputText{239}{\textintersection}
3294 \DeclareInputText{240}{\textequivalence}

```

```

3295 \DeclareInputText{241}{\textpm}
3296 \DeclareInputText{242}{\textgreaterequal}
3297 \DeclareInputText{243}{\textlessequal}
3298 \DeclareInputText{246}{\textdiv}
3299 \DeclareInputText{247}{\textapproxequal}
3300 \DeclareInputText{248}{\textdegree}
3301 \DeclareInputText{249}{\textbullet}
3302 \DeclareInputText{250}{\textperiodcentered}
3303 \DeclareInputText{251}{\textsurd}
3304 \DeclareInputText{252}{\textnsuperior}
3305 \DeclareInputText{253}{\texttwosuperior}
3306 \DeclareInputText{254}{\textblacksquare}
3307 \DeclareInputText{255}{\nobreakspace}
3308 \RestoreAtCatcode
3309 </cp865>

```

### 2.5.21 Encoding cp866

```

3310 <*cp866>
3311 \ProvidesFile{x-cp866.def}%
3312 [2010/01/11 v1.6 Input encoding cp866 (inputenx)]%
3313 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3314 \makeatletter
3315 \ProvideTextCommandDefault{\textblacksquare}{%
3316 \vrule \@width .3em \@height .4em \@depth -.1em\relax
3317 }
3318 \ProvideTextCommandDefault{\textcurrency}{%
3319 \TextSymbolUnavailable\textcurrency
3320 }
3321 \ProvideTextCommandDefault{\textdegree}{%
3322 \ensuremath{^\circ}}%
3323 }
3324 \ProvideTextCommandDefault{\textnumero}{%
3325 N%
3326 \bgroup
3327 \check@mathfonts
3328 \fontsize\sf@size\z@
3329 \math@fontsfalse
3330 \selectfont
3331 \ooalign{%
3332 \raise0.5ex\hbox{o}}%
3333 \crr
3334 \hline
3335 }%
3336 \egroup
3337 }
3338 \ProvideTextCommandDefault{\textsurd}{%
3339 \ensuremath\surd
3340 }
3341 \DeclareInputText{128}{\CYRA}
3342 \DeclareInputText{129}{\CYRB}
3343 \DeclareInputText{130}{\CYRV}
3344 \DeclareInputText{131}{\CYRG}
3345 \DeclareInputText{132}{\CYRD}
3346 \DeclareInputText{133}{\CYRE}
3347 \DeclareInputText{134}{\CYRZH}
3348 \DeclareInputText{135}{\CYRZ}
3349 \DeclareInputText{136}{\CYRI}
3350 \DeclareInputText{137}{\CYRISHRT}
3351 \DeclareInputText{138}{\CYRK}
3352 \DeclareInputText{139}{\CYRL}
3353 \DeclareInputText{140}{\CYRM}
3354 \DeclareInputText{141}{\CYRN}
3355 \DeclareInputText{142}{\CYRO}

```

3356 \DeclareInputText{143}{\CYRP}  
3357 \DeclareInputText{144}{\CYRR}  
3358 \DeclareInputText{145}{\CYRS}  
3359 \DeclareInputText{146}{\CYRT}  
3360 \DeclareInputText{147}{\CYRU}  
3361 \DeclareInputText{148}{\CYRF}  
3362 \DeclareInputText{149}{\CYRH}  
3363 \DeclareInputText{150}{\CYRC}  
3364 \DeclareInputText{151}{\CYRCH}  
3365 \DeclareInputText{152}{\CYRSH}  
3366 \DeclareInputText{153}{\CYRSHCH}  
3367 \DeclareInputText{154}{\CYRHRDSN}  
3368 \DeclareInputText{155}{\CYRERY}  
3369 \DeclareInputText{156}{\CYRSFTSN}  
3370 \DeclareInputText{157}{\CYREREV}  
3371 \DeclareInputText{158}{\CYRYU}  
3372 \DeclareInputText{159}{\CYRYA}  
3373 \DeclareInputText{160}{\cyr a}  
3374 \DeclareInputText{161}{\cyr b}  
3375 \DeclareInputText{162}{\cyr v}  
3376 \DeclareInputText{163}{\cyr g}  
3377 \DeclareInputText{164}{\cyr d}  
3378 \DeclareInputText{165}{\cyr e}  
3379 \DeclareInputText{166}{\cyr zh}  
3380 \DeclareInputText{167}{\cyr z}  
3381 \DeclareInputText{168}{\cyr i}  
3382 \DeclareInputText{169}{\cyr ishrt}  
3383 \DeclareInputText{170}{\cyr k}  
3384 \DeclareInputText{171}{\cyr l}  
3385 \DeclareInputText{172}{\cyr m}  
3386 \DeclareInputText{173}{\cyr n}  
3387 \DeclareInputText{174}{\cyr o}  
3388 \DeclareInputText{175}{\cyr p}  
3389 \DeclareInputText{176}{\textltshade}  
3390 \DeclareInputText{177}{\textshade}  
3391 \DeclareInputText{178}{\textdkshade}  
3392 \DeclareInputText{179}{\textSFxi}  
3393 \DeclareInputText{180}{\textSFix}  
3394 \DeclareInputText{181}{\textSFxix}  
3395 \DeclareInputText{182}{\textSFxx}  
3396 \DeclareInputText{183}{\textSFxxi}  
3397 \DeclareInputText{184}{\textSFxxii}  
3398 \DeclareInputText{185}{\textSFxxiii}  
3399 \DeclareInputText{186}{\textSFxxiv}  
3400 \DeclareInputText{187}{\textSFxxv}  
3401 \DeclareInputText{188}{\textSFxxvi}  
3402 \DeclareInputText{189}{\textSFxxvii}  
3403 \DeclareInputText{190}{\textSFxxviii}  
3404 \DeclareInputText{191}{\textSFiii}  
3405 \DeclareInputText{192}{\textSFii}  
3406 \DeclareInputText{193}{\textSFvii}  
3407 \DeclareInputText{194}{\textSFvi}  
3408 \DeclareInputText{195}{\textSFviii}  
3409 \DeclareInputText{196}{\textSFx}  
3410 \DeclareInputText{197}{\textSFv}  
3411 \DeclareInputText{198}{\textSFxxxvi}  
3412 \DeclareInputText{199}{\textSFxxxvii}  
3413 \DeclareInputText{200}{\textSFxxxviii}  
3414 \DeclareInputText{201}{\textSFxxxix}  
3415 \DeclareInputText{202}{\textSFxl}  
3416 \DeclareInputText{203}{\textSFxli}  
3417 \DeclareInputText{204}{\textSFxlii}

```

3418 \DeclareInputText{205}{\textSFxlIII}
3419 \DeclareInputText{206}{\textSFxlIV}
3420 \DeclareInputText{207}{\textSFxlV}
3421 \DeclareInputText{208}{\textSFxlVI}
3422 \DeclareInputText{209}{\textSFxlVII}
3423 \DeclareInputText{210}{\textSFxlVIII}
3424 \DeclareInputText{211}{\textSFxlIX}
3425 \DeclareInputText{212}{\textSF1}
3426 \DeclareInputText{213}{\textSFli}
3427 \DeclareInputText{214}{\textSFlii}
3428 \DeclareInputText{215}{\textSFliii}
3429 \DeclareInputText{216}{\textSFliV}
3430 \DeclareInputText{217}{\textSFliV}
3431 \DeclareInputText{218}{\textSFli}
3432 \DeclareInputText{219}{\textblock}
3433 \DeclareInputText{220}{\textdnblock}
3434 \DeclareInputText{221}{\textlfblock}
3435 \DeclareInputText{222}{\textrtblock}
3436 \DeclareInputText{223}{\textupblock}
3437 \DeclareInputText{224}{\cyrr}
3438 \DeclareInputText{225}{\cyrS}
3439 \DeclareInputText{226}{\cyrT}
3440 \DeclareInputText{227}{\cyrU}
3441 \DeclareInputText{228}{\cyrF}
3442 \DeclareInputText{229}{\cyrH}
3443 \DeclareInputText{230}{\cyrC}
3444 \DeclareInputText{231}{\cyrCh}
3445 \DeclareInputText{232}{\cyrSh}
3446 \DeclareInputText{233}{\cyrShch}
3447 \DeclareInputText{234}{\cyrhrdsn}
3448 \DeclareInputText{235}{\cyrery}
3449 \DeclareInputText{236}{\cyrSftsn}
3450 \DeclareInputText{237}{\cyrerev}
3451 \DeclareInputText{238}{\cyrYu}
3452 \DeclareInputText{239}{\cyrYa}
3453 \DeclareInputText{240}{\CYRYO}
3454 \DeclareInputText{241}{\cyrYo}
3455 \DeclareInputText{242}{\CYRIE}
3456 \DeclareInputText{243}{\cyrIe}
3457 \DeclareInputText{244}{\CYRYI}
3458 \DeclareInputText{245}{\cyrYi}
3459 \DeclareInputText{246}{\CYRUSHRT}
3460 \DeclareInputText{247}{\cyrushrt}
3461 \DeclareInputText{248}{\textdegree}
3462 \DeclareInputText{249}{\textbullet}
3463 \DeclareInputText{250}{\textperiodcentered}
3464 \DeclareInputText{251}{\textsurd}
3465 \DeclareInputText{252}{\textnumero}
3466 \DeclareInputText{253}{\textcurrency}
3467 \DeclareInputText{254}{\textblacksquare}
3468 \DeclareInputText{255}{\nobreakspace}
3469 \RestoreAtCatcode
3470 </cp866>

```

## 2.5.22 Encoding cp1250

```

3471 <*cp1250>
3472 \ProvidesFile{x-cp1250.def}%
3473 [2010/01/11 v1.6 Input encoding cp1250 (inputenx)]%
3474 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3475 \makeatletter
3476 \ProvideTextCommandDefault{\textacutedbl}{%
3477   \H{}}%
3478 }

```

```

3479 \ProvideTextCommandDefault{\textasciicute}{%
3480   \@tabacckludge' }{%
3481 }
3482 \ProvideTextCommandDefault{\textasciibreve}{%
3483   \u }{%
3484 }
3485 \ProvideTextCommandDefault{\textasciicaron}{%
3486   \v }{%
3487 }
3488 \ProvideTextCommandDefault{\textasciidieresis}{%
3489   \ " }{%
3490 }
3491 \ProvideTextCommandDefault{\textbrokenbar}{%
3492   \TextSymbolUnavailable\textbrokenbar
3493 }
3494 \ProvideTextCommandDefault{\textcurrency}{%
3495   \TextSymbolUnavailable\textcurrency
3496 }
3497 \ProvideTextCommandDefault{\textdegree}{%
3498   \ensuremath{^\circ}}{%
3499 }
3500 \ProvideTextCommandDefault{\textdiv}{%
3501   \TextSymbolUnavailable\textdiv
3502 }
3503 \ProvideTextCommandDefault{\texteuro}{%
3504   \TextSymbolUnavailable\texteuro
3505 }
3506 \ProvideTextCommandDefault{\textlnot}{%
3507   \ensuremath\not
3508 }
3509 \ProvideTextCommandDefault{\textmu}{%
3510   \ensuremath\mu
3511 }
3512 \ProvideTextCommandDefault{\textpm}{%
3513   \ensuremath\pm
3514 }
3515 \ProvideTextCommandDefault{\texttimes}{%
3516   \ensuremath\times
3517 }
3518 \DeclareInputText{128}{\texteuro}
3519 \DeclareInputText{130}{\quotesinglbase}
3520 \DeclareInputText{132}{\quotedblbase}
3521 \DeclareInputText{133}{\textellipsis}
3522 \DeclareInputText{134}{\textdagger}
3523 \DeclareInputText{135}{\textdaggerdbl}
3524 \DeclareInputText{137}{\textperthousand}
3525 \DeclareInputText{138}{\v S}
3526 \DeclareInputText{139}{\guilsinglleft}
3527 \DeclareInputText{140}{\@tabacckludge'S}
3528 \DeclareInputText{141}{\v T}
3529 \DeclareInputText{142}{\v Z}
3530 \DeclareInputText{143}{\@tabacckludge'Z}
3531 \DeclareInputText{145}{\textquoteleft}
3532 \DeclareInputText{146}{\textquoteright}
3533 \DeclareInputText{147}{\textquotedblleft}
3534 \DeclareInputText{148}{\textquotedblright}
3535 \DeclareInputText{149}{\textbullet}
3536 \DeclareInputText{150}{\textendash}
3537 \DeclareInputText{151}{\textemdash}
3538 \DeclareInputText{153}{\texttrademark}
3539 \DeclareInputText{154}{\v s}
3540 \DeclareInputText{155}{\guilsinglright}

```

```

3541 \DeclareInputText{156}{\@tabacckludge's}
3542 \DeclareInputText{157}{\v t}
3543 \DeclareInputText{158}{\v z}
3544 \DeclareInputText{159}{\@tabacckludge'z}
3545 \DeclareInputText{160}{\nobreakspace}
3546 \DeclareInputText{161}{\textasciicaron}
3547 \DeclareInputText{162}{\textasciibreve}
3548 \DeclareInputText{163}{\L}
3549 \DeclareInputText{164}{\textcurrency}
3550 \DeclareInputText{165}{\k A}
3551 \DeclareInputText{166}{\textbrokenbar}
3552 \DeclareInputText{167}{\textsection}
3553 \DeclareInputText{168}{\textasciidieresis}
3554 \DeclareInputText{169}{\textcopyright}
3555 \DeclareInputText{170}{\c S}
3556 \DeclareInputText{171}{\guillemotleft}
3557 \DeclareInputText{172}{\textlnot}
3558 \DeclareInputText{173}{\ -}
3559 \DeclareInputText{174}{\textregistered}
3560 \DeclareInputText{175}{\ .Z}
3561 \DeclareInputText{176}{\textdegree}
3562 \DeclareInputText{177}{\textpm}
3563 \DeclareInputText{178}{\k{}}
3564 \DeclareInputText{179}{\l}
3565 \DeclareInputText{180}{\textasciiacute}
3566 \DeclareInputText{181}{\textmu}
3567 \DeclareInputText{182}{\textparagraph}
3568 \DeclareInputText{183}{\textperiodcentered}
3569 \DeclareInputText{184}{\c\ }
3570 \DeclareInputText{185}{\k a}
3571 \DeclareInputText{186}{\c s}
3572 \DeclareInputText{187}{\guillemotright}
3573 \DeclareInputText{188}{\v L}
3574 \DeclareInputText{189}{\textacutedbl}
3575 \DeclareInputText{190}{\v l}
3576 \DeclareInputText{191}{\ .z}
3577 \DeclareInputText{192}{\@tabacckludge'R}
3578 \DeclareInputText{193}{\@tabacckludge'A}
3579 \DeclareInputText{194}{\^A}
3580 \DeclareInputText{195}{\u A}
3581 \DeclareInputText{196}{\ "A}
3582 \DeclareInputText{197}{\@tabacckludge'L}
3583 \DeclareInputText{198}{\@tabacckludge'C}
3584 \DeclareInputText{199}{\c C}
3585 \DeclareInputText{200}{\v C}
3586 \DeclareInputText{201}{\@tabacckludge'E}
3587 \DeclareInputText{202}{\k E}
3588 \DeclareInputText{203}{\ "E}
3589 \DeclareInputText{204}{\v E}
3590 \DeclareInputText{205}{\@tabacckludge'I}
3591 \DeclareInputText{206}{\^I}
3592 \DeclareInputText{207}{\v D}
3593 \DeclareInputText{208}{\DJ}
3594 \DeclareInputText{209}{\@tabacckludge'N}
3595 \DeclareInputText{210}{\v N}
3596 \DeclareInputText{211}{\@tabacckludge'O}
3597 \DeclareInputText{212}{\^O}
3598 \DeclareInputText{213}{\H O}
3599 \DeclareInputText{214}{\ "O}
3600 \DeclareInputText{215}{\texttimes}
3601 \DeclareInputText{216}{\v R}
3602 \DeclareInputText{217}{\r U}

```



```

3603 \DeclareInputText{218}{\@tabacckludge'U}
3604 \DeclareInputText{219}{\H U}
3605 \DeclareInputText{220}{\ "U}
3606 \DeclareInputText{221}{\@tabacckludge'Y}
3607 \DeclareInputText{222}{\c T}
3608 \DeclareInputText{223}{\ss}
3609 \DeclareInputText{224}{\@tabacckludge'r}
3610 \DeclareInputText{225}{\@tabacckludge'a}
3611 \DeclareInputText{226}{\^a}
3612 \DeclareInputText{227}{\u a}
3613 \DeclareInputText{228}{\ "a}
3614 \DeclareInputText{229}{\@tabacckludge'l}
3615 \DeclareInputText{230}{\@tabacckludge'c}
3616 \DeclareInputText{231}{\c c}
3617 \DeclareInputText{232}{\v c}
3618 \DeclareInputText{233}{\@tabacckludge'e}
3619 \DeclareInputText{234}{\k e}
3620 \DeclareInputText{235}{\ "e}
3621 \DeclareInputText{236}{\v e}
3622 \DeclareInputText{237}{\@tabacckludge'i}
3623 \DeclareInputText{238}{\^i}
3624 \DeclareInputText{239}{\v d}
3625 \DeclareInputText{240}{\dj}
3626 \DeclareInputText{241}{\@tabacckludge'n}
3627 \DeclareInputText{242}{\v n}
3628 \DeclareInputText{243}{\@tabacckludge'o}
3629 \DeclareInputText{244}{\^o}
3630 \DeclareInputText{245}{\H o}
3631 \DeclareInputText{246}{\ "o}
3632 \DeclareInputText{247}{\textdiv}
3633 \DeclareInputText{248}{\v r}
3634 \DeclareInputText{249}{\r u}
3635 \DeclareInputText{250}{\@tabacckludge'u}
3636 \DeclareInputText{251}{\H u}
3637 \DeclareInputText{252}{\ "u}
3638 \DeclareInputText{253}{\@tabacckludge'y}
3639 \DeclareInputText{254}{\c t}
3640 \DeclareInputText{255}{\.{}}
3641 \RestoreAtCatcode
3642 </cp1250>

```

### 2.5.23 Encoding cp1251

```

3643 <*cp1251>
3644 \ProvidesFile{x-cp1251.def}%
3645 [2010/01/11 v1.6 Input encoding cp1251 (inputenx)]%
3646 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3647 \makeatletter
3648 \ProvideTextCommandDefault{\textbrokenbar}{%
3649 \TextSymbolUnavailable\textbrokenbar
3650 }
3651 \ProvideTextCommandDefault{\textcurrency}{%
3652 \TextSymbolUnavailable\textcurrency
3653 }
3654 \ProvideTextCommandDefault{\textdegree}{%
3655 \ensuremath{\^{\circ}}%
3656 }
3657 \ProvideTextCommandDefault{\texteuro}{%
3658 \TextSymbolUnavailable\texteuro
3659 }
3660 \ProvideTextCommandDefault{\textlnot}{%
3661 \ensuremath{\lnot}
3662 }
3663 \ProvideTextCommandDefault{\textmu}{%

```

```

3664 \ensuremath\mu
3665 }
3666 \ProvideTextCommandDefault{\textnumero}{%
3667 N%
3668 \bgroup
3669 \check@mathfonts
3670 \fontsize\sf@size\z@
3671 \math@fontsfalse
3672 \selectfont
3673 \ooalign{%
3674 \raise0.5ex\hbox{o}%
3675 \crrr
3676 \hline
3677 }%
3678 \egroup
3679 }
3680 \ProvideTextCommandDefault{\textpm}{%
3681 \ensuremath\pm
3682 }
3683 \DeclareInputText{128}{\CYRDJE}
3684 \DeclareInputText{129}{\@tabacckludge'\CYRG}
3685 \DeclareInputText{130}{\quotesinglbase}
3686 \DeclareInputText{131}{\@tabacckludge'\cyrq}
3687 \DeclareInputText{132}{\quotedblbase}
3688 \DeclareInputText{133}{\textellipsis}
3689 \DeclareInputText{134}{\textdagger}
3690 \DeclareInputText{135}{\textdaggerdbl}
3691 \DeclareInputText{136}{\texteuro}
3692 \DeclareInputText{137}{\textperthousand}
3693 \DeclareInputText{138}{\CYRLJE}
3694 \DeclareInputText{139}{\guilsinglleft}
3695 \DeclareInputText{140}{\CYRNJE}
3696 \DeclareInputText{141}{\@tabacckludge'\CYRK}
3697 \DeclareInputText{142}{\CYRTSHE}
3698 \DeclareInputText{143}{\CYRDZHE}
3699 \DeclareInputText{144}{\cyrdje}
3700 \DeclareInputText{145}{\textquoteleft}
3701 \DeclareInputText{146}{\textquoteright}
3702 \DeclareInputText{147}{\textquotedblleft}
3703 \DeclareInputText{148}{\textquotedblright}
3704 \DeclareInputText{149}{\textbullet}
3705 \DeclareInputText{150}{\textendash}
3706 \DeclareInputText{151}{\textemdash}
3707 \DeclareInputText{153}{\texttrademark}
3708 \DeclareInputText{154}{\cyrlje}
3709 \DeclareInputText{155}{\guilsinglright}
3710 \DeclareInputText{156}{\cyrnje}
3711 \DeclareInputText{157}{\@tabacckludge'\cyrk}
3712 \DeclareInputText{158}{\cyrtshe}
3713 \DeclareInputText{159}{\cyrdzhe}
3714 \DeclareInputText{160}{\nobreakspace}
3715 \DeclareInputText{161}{\CYRUSHRT}
3716 \DeclareInputText{162}{\cyrushrt}
3717 \DeclareInputText{163}{\CYRJE}
3718 \DeclareInputText{164}{\textcurrency}
3719 \DeclareInputText{165}{\CYRGUP}
3720 \DeclareInputText{166}{\textbrokenbar}
3721 \DeclareInputText{167}{\textsection}
3722 \DeclareInputText{168}{\CYRYO}
3723 \DeclareInputText{169}{\textcopyright}
3724 \DeclareInputText{170}{\CYRIE}
3725 \DeclareInputText{171}{\guillemotleft}

```

3726 \DeclareInputText{172}{\textlnot}  
3727 \DeclareInputText{173}{\textdash}  
3728 \DeclareInputText{174}{\textregistered}  
3729 \DeclareInputText{175}{\textCYRYI}  
3730 \DeclareInputText{176}{\textdegree}  
3731 \DeclareInputText{177}{\texttpm}  
3732 \DeclareInputText{178}{\textCYRII}  
3733 \DeclareInputText{179}{\textcyrii}  
3734 \DeclareInputText{180}{\textcyrgup}  
3735 \DeclareInputText{181}{\textmu}  
3736 \DeclareInputText{182}{\textparagraph}  
3737 \DeclareInputText{183}{\textperiodcentered}  
3738 \DeclareInputText{184}{\textcyryo}  
3739 \DeclareInputText{185}{\textnumero}  
3740 \DeclareInputText{186}{\textcyrie}  
3741 \DeclareInputText{187}{\textguillemotright}  
3742 \DeclareInputText{188}{\textcyrje}  
3743 \DeclareInputText{189}{\textCYRDZE}  
3744 \DeclareInputText{190}{\textcyrdze}  
3745 \DeclareInputText{191}{\textcyryi}  
3746 \DeclareInputText{192}{\textCYRA}  
3747 \DeclareInputText{193}{\textCYRB}  
3748 \DeclareInputText{194}{\textCYRV}  
3749 \DeclareInputText{195}{\textCYRG}  
3750 \DeclareInputText{196}{\textCYRD}  
3751 \DeclareInputText{197}{\textCYRE}  
3752 \DeclareInputText{198}{\textCYRZH}  
3753 \DeclareInputText{199}{\textCYRZ}  
3754 \DeclareInputText{200}{\textCYRI}  
3755 \DeclareInputText{201}{\textCYRISHRT}  
3756 \DeclareInputText{202}{\textCYRK}  
3757 \DeclareInputText{203}{\textCYRL}  
3758 \DeclareInputText{204}{\textCYRM}  
3759 \DeclareInputText{205}{\textCYRN}  
3760 \DeclareInputText{206}{\textCYRO}  
3761 \DeclareInputText{207}{\textCYRP}  
3762 \DeclareInputText{208}{\textCYRR}  
3763 \DeclareInputText{209}{\textCYRS}  
3764 \DeclareInputText{210}{\textCYRT}  
3765 \DeclareInputText{211}{\textCYRU}  
3766 \DeclareInputText{212}{\textCYRF}  
3767 \DeclareInputText{213}{\textCYRH}  
3768 \DeclareInputText{214}{\textCYRC}  
3769 \DeclareInputText{215}{\textCYRCH}  
3770 \DeclareInputText{216}{\textCYRSH}  
3771 \DeclareInputText{217}{\textCYRSHCH}  
3772 \DeclareInputText{218}{\textCYRHRDSN}  
3773 \DeclareInputText{219}{\textCYRERY}  
3774 \DeclareInputText{220}{\textCYRSFTSN}  
3775 \DeclareInputText{221}{\textCYREREV}  
3776 \DeclareInputText{222}{\textCYRYU}  
3777 \DeclareInputText{223}{\textCYRYA}  
3778 \DeclareInputText{224}{\textcyra}  
3779 \DeclareInputText{225}{\textcyrb}  
3780 \DeclareInputText{226}{\textcyrv}  
3781 \DeclareInputText{227}{\textcyrg}  
3782 \DeclareInputText{228}{\textcyrd}  
3783 \DeclareInputText{229}{\textcyre}  
3784 \DeclareInputText{230}{\textcyrzh}  
3785 \DeclareInputText{231}{\textcyrz}  
3786 \DeclareInputText{232}{\textcyri}  
3787 \DeclareInputText{233}{\textcyrishrt}

```

3788 \DeclareInputText{234}{\cyrk}
3789 \DeclareInputText{235}{\cyrl}
3790 \DeclareInputText{236}{\cyrm}
3791 \DeclareInputText{237}{\cyrn}
3792 \DeclareInputText{238}{\cyro}
3793 \DeclareInputText{239}{\cyrp}
3794 \DeclareInputText{240}{\cyrr}
3795 \DeclareInputText{241}{\cyrs}
3796 \DeclareInputText{242}{\cyrt}
3797 \DeclareInputText{243}{\cyru}
3798 \DeclareInputText{244}{\cyrf}
3799 \DeclareInputText{245}{\cyrh}
3800 \DeclareInputText{246}{\cyrc}
3801 \DeclareInputText{247}{\cyrch}
3802 \DeclareInputText{248}{\cyrsh}
3803 \DeclareInputText{249}{\cyrshch}
3804 \DeclareInputText{250}{\cyrhrdsn}
3805 \DeclareInputText{251}{\cyrrery}
3806 \DeclareInputText{252}{\cyrsftsn}
3807 \DeclareInputText{253}{\cyrrerev}
3808 \DeclareInputText{254}{\cyryu}
3809 \DeclareInputText{255}{\cyrya}
3810 \RestoreAtCatcode
3811 </cp1251>

```

#### 2.5.24 Encoding cp1252

```

3812 <*cp1252>
3813 \ProvidesFile{x-cp1252.def}%
3814 [2010/01/11 v1.6 Input encoding cp1252 (inputenx)]%
3815 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3816 \makeatletter
3817 \ProvideTextCommandDefault{\textasciiacute}{%
3818   \@tabacckludge'}%
3819 }
3820 \ProvideTextCommandDefault{\textasciidieresis}{%
3821   \{"}%
3822 }
3823 \ProvideTextCommandDefault{\textasciimacron}{%
3824   \@tabacckludge=%}%
3825 }
3826 \ProvideTextCommandDefault{\textbrokenbar}{%
3827   \TextSymbolUnavailable\textbrokenbar
3828 }
3829 \ProvideTextCommandDefault{\textcent}{%
3830   \TextSymbolUnavailable\textcent
3831 }
3832 \ProvideTextCommandDefault{\textcurrency}{%
3833   \TextSymbolUnavailable\textcurrency
3834 }
3835 \ProvideTextCommandDefault{\textdegree}{%
3836   \ensuremath{\^{\circ}}%
3837 }
3838 \ProvideTextCommandDefault{\textdiv}{%
3839   \TextSymbolUnavailable\textdiv
3840 }
3841 \ProvideTextCommandDefault{\texteuro}{%
3842   \TextSymbolUnavailable\texteuro
3843 }
3844 \ProvideTextCommandDefault{\textflorin}{%
3845   \textit{f}%
3846 }
3847 \ProvideTextCommandDefault{\textlnot}{%
3848   \ensuremath{\lnot}

```

```

3849 }
3850 \ProvideTextCommandDefault{\textmu}{%
3851   \ensuremath\mu
3852 }
3853 \ProvideTextCommandDefault{\textonehalf}{%
3854   \ensuremath{\frac{1}{2}}%
3855 }
3856 \ProvideTextCommandDefault{\textonequarter}{%
3857   \ensuremath{\frac{1}{4}}%
3858 }
3859 \ProvideTextCommandDefault{\textonesuperior}{%
3860   \ensuremath{{}^1}%
3861 }
3862 \ProvideTextCommandDefault{\textpm}{%
3863   \ensuremath\pm
3864 }
3865 \ProvideTextCommandDefault{\textthreequarters}{%
3866   \ensuremath{\frac{3}{4}}%
3867 }
3868 \ProvideTextCommandDefault{\textthreesuperior}{%
3869   \ensuremath{{}^3}%
3870 }
3871 \ProvideTextCommandDefault{\texttimes}{%
3872   \ensuremath\times
3873 }
3874 \ProvideTextCommandDefault{\texttwosuperior}{%
3875   \ensuremath{{}^2}}%
3876 }
3877 \ProvideTextCommandDefault{\textyen}{%
3878   \TextSymbolUnavailable\textyen
3879 }
3880 \DeclareInputText{128}{\texteuro}
3881 \DeclareInputText{130}{\quotesinglbase}
3882 \DeclareInputText{131}{\textflorin}
3883 \DeclareInputText{132}{\quotedblbase}
3884 \DeclareInputText{133}{\textellipsis}
3885 \DeclareInputText{134}{\textdagger}
3886 \DeclareInputText{135}{\textdaggerdbl}
3887 \DeclareInputText{136}{\textasciicircum}
3888 \DeclareInputText{137}{\textperthousand}
3889 \DeclareInputText{138}{\v S}
3890 \DeclareInputText{139}{\guilsinglleft}
3891 \DeclareInputText{140}{\OE}
3892 \DeclareInputText{142}{\v Z}
3893 \DeclareInputText{145}{\textquoteleft}
3894 \DeclareInputText{146}{\textquoteright}
3895 \DeclareInputText{147}{\textquotedblleft}
3896 \DeclareInputText{148}{\textquotedblright}
3897 \DeclareInputText{149}{\textbullet}
3898 \DeclareInputText{150}{\textendash}
3899 \DeclareInputText{151}{\textemdash}
3900 \DeclareInputText{152}{\textasciitilde}
3901 \DeclareInputText{153}{\texttrademark}
3902 \DeclareInputText{154}{\v s}
3903 \DeclareInputText{155}{\guilsinglright}
3904 \DeclareInputText{156}{\oe}
3905 \DeclareInputText{158}{\v z}
3906 \DeclareInputText{159}{\textY}
3907 \DeclareInputText{160}{\nobreakspace}
3908 \DeclareInputText{161}{\textexclamdown}
3909 \DeclareInputText{162}{\textcent}
3910 \DeclareInputText{163}{\textsterling}

```

3911 \DeclareInputText{164}{\textcurrency}  
3912 \DeclareInputText{165}{\textyen}  
3913 \DeclareInputText{166}{\textbrokenbar}  
3914 \DeclareInputText{167}{\textsection}  
3915 \DeclareInputText{168}{\textasciidieresis}  
3916 \DeclareInputText{169}{\textcopyright}  
3917 \DeclareInputText{170}{\textordfeminine}  
3918 \DeclareInputText{171}{\guillemotleft}  
3919 \DeclareInputText{172}{\textlnot}  
3920 \DeclareInputText{173}{\textasciicaron}  
3921 \DeclareInputText{174}{\textregistered}  
3922 \DeclareInputText{175}{\textasciimacron}  
3923 \DeclareInputText{176}{\textdegree}  
3924 \DeclareInputText{177}{\textpm}  
3925 \DeclareInputText{178}{\texttwosuperior}  
3926 \DeclareInputText{179}{\textthreesuperior}  
3927 \DeclareInputText{180}{\textasciiacute}  
3928 \DeclareInputText{181}{\textmu}  
3929 \DeclareInputText{182}{\textparagraph}  
3930 \DeclareInputText{183}{\textperiodcentered}  
3931 \DeclareInputText{184}{\c\ }  
3932 \DeclareInputText{185}{\textonesuperior}  
3933 \DeclareInputText{186}{\textordmasculine}  
3934 \DeclareInputText{187}{\guillemotright}  
3935 \DeclareInputText{188}{\textonequarter}  
3936 \DeclareInputText{189}{\textonehalf}  
3937 \DeclareInputText{190}{\textthreequarters}  
3938 \DeclareInputText{191}{\textquestiondown}  
3939 \DeclareInputText{192}{\@tabacckludge'A}  
3940 \DeclareInputText{193}{\@tabacckludge'A}  
3941 \DeclareInputText{194}{\^A}  
3942 \DeclareInputText{195}{\~A}  
3943 \DeclareInputText{196}{\ "A}  
3944 \DeclareInputText{197}{\r A}  
3945 \DeclareInputText{198}{\AE}  
3946 \DeclareInputText{199}{\c C}  
3947 \DeclareInputText{200}{\@tabacckludge'E}  
3948 \DeclareInputText{201}{\@tabacckludge'E}  
3949 \DeclareInputText{202}{\^E}  
3950 \DeclareInputText{203}{\ "E}  
3951 \DeclareInputText{204}{\@tabacckludge'I}  
3952 \DeclareInputText{205}{\@tabacckludge'I}  
3953 \DeclareInputText{206}{\^I}  
3954 \DeclareInputText{207}{\ "I}  
3955 \DeclareInputText{208}{\DH}  
3956 \DeclareInputText{209}{\ "N}  
3957 \DeclareInputText{210}{\@tabacckludge'O}  
3958 \DeclareInputText{211}{\@tabacckludge'O}  
3959 \DeclareInputText{212}{\^O}  
3960 \DeclareInputText{213}{\ "O}  
3961 \DeclareInputText{214}{\ "0}  
3962 \DeclareInputText{215}{\texttimes}  
3963 \DeclareInputText{216}{\O}  
3964 \DeclareInputText{217}{\@tabacckludge'U}  
3965 \DeclareInputText{218}{\@tabacckludge'U}  
3966 \DeclareInputText{219}{\^U}  
3967 \DeclareInputText{220}{\ "U}  
3968 \DeclareInputText{221}{\@tabacckludge'Y}  
3969 \DeclareInputText{222}{\TH}  
3970 \DeclareInputText{223}{\ss}  
3971 \DeclareInputText{224}{\@tabacckludge'a}  
3972 \DeclareInputText{225}{\@tabacckludge'a}

```

3973 \DeclareInputText{226}{\^a}
3974 \DeclareInputText{227}{\~a}
3975 \DeclareInputText{228}{"a}
3976 \DeclareInputText{229}{\r a}
3977 \DeclareInputText{230}{\ae}
3978 \DeclareInputText{231}{\c c}
3979 \DeclareInputText{232}{\@tabacckludge'e}
3980 \DeclareInputText{233}{\@tabacckludge'e}
3981 \DeclareInputText{234}{\^e}
3982 \DeclareInputText{235}{\~e}
3983 \DeclareInputText{236}{\@tabacckludge'i}
3984 \DeclareInputText{237}{\@tabacckludge'i}
3985 \DeclareInputText{238}{\^i}
3986 \DeclareInputText{239}{\~i}
3987 \DeclareInputText{240}{\dh}
3988 \DeclareInputText{241}{\~n}
3989 \DeclareInputText{242}{\@tabacckludge'o}
3990 \DeclareInputText{243}{\@tabacckludge'o}
3991 \DeclareInputText{244}{\^o}
3992 \DeclareInputText{245}{\~o}
3993 \DeclareInputText{246}{\~o}
3994 \DeclareInputText{247}{\textdiv}
3995 \DeclareInputText{248}{\o}
3996 \DeclareInputText{249}{\@tabacckludge'u}
3997 \DeclareInputText{250}{\@tabacckludge'u}
3998 \DeclareInputText{251}{\^u}
3999 \DeclareInputText{252}{\~u}
4000 \DeclareInputText{253}{\@tabacckludge'y}
4001 \DeclareInputText{254}{\th}
4002 \DeclareInputText{255}{\~y}
4003 \RestoreAtCatcode
4004 \</cp1252>

```

### 2.5.25 Encoding cp1257

```

4005 \<*cp1257>
4006 \ProvidesFile{x-cp1257.def}%
4007 [2010/01/11 v1.6 Input encoding cp1257 (inputex)]%
4008 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4009 \makeatletter
4010 \ProvideTextCommandDefault{\textasciiacute}{%
4011   \@tabacckludge'~}%
4012 }
4013 \ProvideTextCommandDefault{\textasciicaron}{%
4014   \v{~}}%
4015 }
4016 \ProvideTextCommandDefault{\textasciidieresis}{%
4017   \~{}}%
4018 }
4019 \ProvideTextCommandDefault{\textasciimacron}{%
4020   \@tabacckludge={}}%
4021 }
4022 \ProvideTextCommandDefault{\textbrokenbar}{%
4023   \TextSymbolUnavailable\textbrokenbar}
4024 }
4025 \ProvideTextCommandDefault{\textcent}{%
4026   \TextSymbolUnavailable\textcent}
4027 }
4028 \ProvideTextCommandDefault{\textcurrency}{%
4029   \TextSymbolUnavailable\textcurrency}
4030 }
4031 \ProvideTextCommandDefault{\textdegree}{%
4032   \ensuremath{\^{\circ}}}%
4033 }

```

```

4034 \ProvideTextCommandDefault{\textdiv}{%
4035   \TextSymbolUnavailable\textdiv
4036 }
4037 \ProvideTextCommandDefault{\texteuro}{%
4038   \TextSymbolUnavailable\texteuro
4039 }
4040 \ProvideTextCommandDefault{\textlnot}{%
4041   \ensuremath\lnot
4042 }
4043 \ProvideTextCommandDefault{\textmu}{%
4044   \ensuremath\mu
4045 }
4046 \ProvideTextCommandDefault{\textonehalf}{%
4047   \ensuremath{\frac{1}{2}}%
4048 }
4049 \ProvideTextCommandDefault{\textonequarter}{%
4050   \ensuremath{\frac{1}{4}}%
4051 }
4052 \ProvideTextCommandDefault{\textonesuperior}{%
4053   \ensuremath{{}^1}%
4054 }
4055 \ProvideTextCommandDefault{\textpm}{%
4056   \ensuremath\pm
4057 }
4058 \ProvideTextCommandDefault{\textthreequarters}{%
4059   \ensuremath{\frac{3}{4}}%
4060 }
4061 \ProvideTextCommandDefault{\textthreesuperior}{%
4062   \ensuremath{{}^3}%
4063 }
4064 \ProvideTextCommandDefault{\texttimes}{%
4065   \ensuremath\times
4066 }
4067 \ProvideTextCommandDefault{\texttwosuperior}{%
4068   \ensuremath{{}^2}}%
4069 }
4070 \DeclareInputText{128}{\texteuro}
4071 \DeclareInputText{130}{\quotesinglbase}
4072 \DeclareInputText{132}{\quotedblbase}
4073 \DeclareInputText{133}{\textellipsis}
4074 \DeclareInputText{134}{\textdagger}
4075 \DeclareInputText{135}{\textdaggerdbl}
4076 \DeclareInputText{137}{\textperthousand}
4077 \DeclareInputText{139}{\guilsinglleft}
4078 \DeclareInputText{141}{\textasciidiereis}
4079 \DeclareInputText{142}{\textasciicaron}
4080 \DeclareInputText{143}{\c\ }
4081 \DeclareInputText{145}{\textquoteleft}
4082 \DeclareInputText{146}{\textquoteright}
4083 \DeclareInputText{147}{\textquotedblleft}
4084 \DeclareInputText{148}{\textquotedblright}
4085 \DeclareInputText{149}{\textbullet}
4086 \DeclareInputText{150}{\textendash}
4087 \DeclareInputText{151}{\textemdash}
4088 \DeclareInputText{153}{\texttrademark}
4089 \DeclareInputText{155}{\guilsinglright}
4090 \DeclareInputText{157}{\textasciimacron}
4091 \DeclareInputText{158}{\k{}}
4092 \DeclareInputText{160}{\nobreakspace}
4093 \DeclareInputText{162}{\textcent}
4094 \DeclareInputText{163}{\textsterling}
4095 \DeclareInputText{164}{\textcurrency}

```



```

4096 \DeclareInputText{166}{\textbrokenbar}
4097 \DeclareInputText{167}{\textsection}
4098 \DeclareInputText{168}{\0}
4099 \DeclareInputText{169}{\textcopyright}
4100 \DeclareInputText{170}{\c R}
4101 \DeclareInputText{171}{\guillemotleft}
4102 \DeclareInputText{172}{\textlnot}
4103 \DeclareInputText{173}{\textasciicircum}
4104 \DeclareInputText{174}{\textregistered}
4105 \DeclareInputText{175}{\AE}
4106 \DeclareInputText{176}{\textdegree}
4107 \DeclareInputText{177}{\textpm}
4108 \DeclareInputText{178}{\texttwosuperior}
4109 \DeclareInputText{179}{\textthreesuperior}
4110 \DeclareInputText{180}{\textasciiaacute}
4111 \DeclareInputText{181}{\textmu}
4112 \DeclareInputText{182}{\textparagraph}
4113 \DeclareInputText{183}{\textperiodcentered}
4114 \DeclareInputText{184}{\o}
4115 \DeclareInputText{185}{\textonesuperior}
4116 \DeclareInputText{186}{\c r}
4117 \DeclareInputText{187}{\guillemotright}
4118 \DeclareInputText{188}{\textonequarter}
4119 \DeclareInputText{189}{\textonehalf}
4120 \DeclareInputText{190}{\textthreequarters}
4121 \DeclareInputText{191}{\ae}
4122 \DeclareInputText{192}{\k A}
4123 \DeclareInputText{193}{\k I}
4124 \DeclareInputText{194}{\@tabacckludge=A}
4125 \DeclareInputText{195}{\@tabacckludge' C}
4126 \DeclareInputText{196}{\ "A}
4127 \DeclareInputText{197}{\r A}
4128 \DeclareInputText{198}{\k E}
4129 \DeclareInputText{199}{\@tabacckludge=E}
4130 \DeclareInputText{200}{\v C}
4131 \DeclareInputText{201}{\@tabacckludge' E}
4132 \DeclareInputText{202}{\@tabacckludge' Z}
4133 \DeclareInputText{203}{\ .E}
4134 \DeclareInputText{204}{\c G}
4135 \DeclareInputText{205}{\c K}
4136 \DeclareInputText{206}{\@tabacckludge=I}
4137 \DeclareInputText{207}{\c L}
4138 \DeclareInputText{208}{\v S}
4139 \DeclareInputText{209}{\@tabacckludge' N}
4140 \DeclareInputText{210}{\c N}
4141 \DeclareInputText{211}{\@tabacckludge' O}
4142 \DeclareInputText{212}{\@tabacckludge=0}
4143 \DeclareInputText{213}{\ ~0}
4144 \DeclareInputText{214}{\ "0}
4145 \DeclareInputText{215}{\texttimes}
4146 \DeclareInputText{216}{\k U}
4147 \DeclareInputText{217}{\L}
4148 \DeclareInputText{218}{\@tabacckludge' S}
4149 \DeclareInputText{219}{\@tabacckludge=U}
4150 \DeclareInputText{220}{\ "U}
4151 \DeclareInputText{221}{\ .Z}
4152 \DeclareInputText{222}{\v Z}
4153 \DeclareInputText{223}{\ss}
4154 \DeclareInputText{224}{\k a}
4155 \DeclareInputText{225}{\k i}
4156 \DeclareInputText{226}{\@tabacckludge=a}
4157 \DeclareInputText{227}{\@tabacckludge' c}

```

```

4158 \DeclareInputText{228}{\ "a}
4159 \DeclareInputText{229}{\r a}
4160 \DeclareInputText{230}{\k e}
4161 \DeclareInputText{231}{\@tabacckludge=e}
4162 \DeclareInputText{232}{\v c}
4163 \DeclareInputText{233}{\@tabacckludge'e}
4164 \DeclareInputText{234}{\@tabacckludge'z}
4165 \DeclareInputText{235}{\ .e}
4166 \DeclareInputText{236}{\v g}
4167 \DeclareInputText{237}{\c k}
4168 \DeclareInputText{238}{\@tabacckludge=i}
4169 \DeclareInputText{239}{\c l}
4170 \DeclareInputText{240}{\v s}
4171 \DeclareInputText{241}{\@tabacckludge'n}
4172 \DeclareInputText{242}{\c n}
4173 \DeclareInputText{243}{\@tabacckludge'o}
4174 \DeclareInputText{244}{\@tabacckludge=o}
4175 \DeclareInputText{245}{\~o}
4176 \DeclareInputText{246}{\ "o}
4177 \DeclareInputText{247}{\textdiv}
4178 \DeclareInputText{248}{\k u}
4179 \DeclareInputText{249}{\l}
4180 \DeclareInputText{250}{\@tabacckludge's}
4181 \DeclareInputText{251}{\@tabacckludge=u}
4182 \DeclareInputText{252}{\ "u}
4183 \DeclareInputText{253}{\ .z}
4184 \DeclareInputText{254}{\v z}
4185 \DeclareInputText{255}{\ .{}}
4186 \RestoreAtCatcode
4187 </cp1257>

```

### 2.5.26 Encoding dec-mcs

```

4188 <*dec-mcs>
4189 \ProvidesFile{x-dec-mcs.def}%
4190 [2010/01/11 v1.6 Input encoding dec-mcs (inputenx)]%
4191 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4192 \makeatletter
4193 \ProvideTextCommandDefault{\textcent}{%
4194 \TextSymbolUnavailable\textcent
4195 }
4196 \ProvideTextCommandDefault{\textcurrency}{%
4197 \TextSymbolUnavailable\textcurrency
4198 }
4199 \ProvideTextCommandDefault{\textdegree}{%
4200 \ensuremath{\text{\^{\circ}}}%
4201 }
4202 \ProvideTextCommandDefault{\textmu}{%
4203 \ensuremath{\mu}
4204 }
4205 \ProvideTextCommandDefault{\textonehalf}{%
4206 \ensuremath{\frac{1}{2}}%
4207 }
4208 \ProvideTextCommandDefault{\textonequarter}{%
4209 \ensuremath{\frac{1}{4}}%
4210 }
4211 \ProvideTextCommandDefault{\textonesuperior}{%
4212 \ensuremath{\text{\^{\text{1}}}}%
4213 }
4214 \ProvideTextCommandDefault{\textpm}{%
4215 \ensuremath{\text{pm}}
4216 }
4217 \ProvideTextCommandDefault{\textthreesuperior}{%
4218 \ensuremath{\text{\^{\text{3}}}}%

```

```

4219 }
4220 \ProvideTextCommandDefault{\texttwosuperior}{%
4221   \ensuremath{{^2}}}%
4222 }
4223 \ProvideTextCommandDefault{\textyen}{%
4224   \TextSymbolUnavailable\textyen
4225 }
4226 \DeclareInputText{161}{\textexclamdown}
4227 \DeclareInputText{162}{\textcent}
4228 \DeclareInputText{163}{\textsterling}
4229 \DeclareInputText{165}{\textyen}
4230 \DeclareInputText{167}{\textsection}
4231 \DeclareInputText{168}{\textcurrency}
4232 \DeclareInputText{169}{\textcopyright}
4233 \DeclareInputText{170}{\textordfeminine}
4234 \DeclareInputText{171}{\guillemotleft}
4235 \DeclareInputText{176}{\textdegree}
4236 \DeclareInputText{177}{\textpm}
4237 \DeclareInputText{178}{\texttwosuperior}
4238 \DeclareInputText{179}{\textthreesuperior}
4239 \DeclareInputText{181}{\textmu}
4240 \DeclareInputText{182}{\textparagraph}
4241 \DeclareInputText{183}{\textperiodcentered}
4242 \DeclareInputText{185}{\textonesuperior}
4243 \DeclareInputText{186}{\textordmasculine}
4244 \DeclareInputText{187}{\guillemotright}
4245 \DeclareInputText{188}{\textonequarter}
4246 \DeclareInputText{189}{\textonehalf}
4247 \DeclareInputText{191}{\textquestiondown}
4248 \DeclareInputText{192}{\@tabacckludge'A}
4249 \DeclareInputText{193}{\@tabacckludge'A}
4250 \DeclareInputText{194}{\^A}
4251 \DeclareInputText{195}{\^A}
4252 \DeclareInputText{196}{"A}
4253 \DeclareInputText{197}{\r A}
4254 \DeclareInputText{198}{\AE}
4255 \DeclareInputText{199}{\c C}
4256 \DeclareInputText{200}{\@tabacckludge'E}
4257 \DeclareInputText{201}{\@tabacckludge'E}
4258 \DeclareInputText{202}{\^E}
4259 \DeclareInputText{203}{\^E}
4260 \DeclareInputText{204}{\@tabacckludge'I}
4261 \DeclareInputText{205}{\@tabacckludge'I}
4262 \DeclareInputText{206}{\^I}
4263 \DeclareInputText{207}{\^I}
4264 \DeclareInputText{209}{\^N}
4265 \DeclareInputText{210}{\@tabacckludge'O}
4266 \DeclareInputText{211}{\@tabacckludge'O}
4267 \DeclareInputText{212}{\^O}
4268 \DeclareInputText{213}{\^O}
4269 \DeclareInputText{214}{"O}
4270 \DeclareInputText{215}{\OE}
4271 \DeclareInputText{216}{\O}
4272 \DeclareInputText{217}{\@tabacckludge'U}
4273 \DeclareInputText{218}{\@tabacckludge'U}
4274 \DeclareInputText{219}{\^U}
4275 \DeclareInputText{220}{"U}
4276 \DeclareInputText{221}{"Y}
4277 \DeclareInputText{223}{\ss}
4278 \DeclareInputText{224}{\@tabacckludge'a}
4279 \DeclareInputText{225}{\@tabacckludge'a}
4280 \DeclareInputText{226}{\^a}

```

```

4281 \DeclareInputText{227}{\~a}
4282 \DeclareInputText{228}{\ "a}
4283 \DeclareInputText{229}{\r a}
4284 \DeclareInputText{230}{\ae}
4285 \DeclareInputText{231}{\c c}
4286 \DeclareInputText{232}{\@tabacckludge'e}
4287 \DeclareInputText{233}{\@tabacckludge'e}
4288 \DeclareInputText{234}{\^e}
4289 \DeclareInputText{235}{\ "e}
4290 \DeclareInputText{236}{\@tabacckludge'i}
4291 \DeclareInputText{237}{\@tabacckludge'i}
4292 \DeclareInputText{238}{\^i}
4293 \DeclareInputText{239}{\ "i}
4294 \DeclareInputText{241}{\~n}
4295 \DeclareInputText{242}{\@tabacckludge'o}
4296 \DeclareInputText{243}{\@tabacckludge'o}
4297 \DeclareInputText{244}{\^o}
4298 \DeclareInputText{245}{\ "o}
4299 \DeclareInputText{246}{\ "o}
4300 \DeclareInputText{247}{\oe}
4301 \DeclareInputText{248}{\o}
4302 \DeclareInputText{249}{\@tabacckludge'u}
4303 \DeclareInputText{250}{\@tabacckludge'u}
4304 \DeclareInputText{251}{\^u}
4305 \DeclareInputText{252}{\ "u}
4306 \DeclareInputText{253}{\ "y}
4307 \RestoreAtCatcode
4308 </dec-mcs>

```

### 2.5.27 Encoding koi8-r

```

4309 <*koi8-r>
4310 \ProvidesFile{x-koi8-r.def}%
4311 [2010/01/11 v1.6 Input encoding koi8-r (inputex)]%
4312 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4313 \makeatletter
4314 \ProvideTextCommandDefault{\textapproxequal}{%
4315 \ensuremath\approx
4316 }
4317 \ProvideTextCommandDefault{\textblacksquare}{%
4318 \vrule \@width .3em \@height .4em \@depth -.1em\relax
4319 }
4320 \ProvideTextCommandDefault{\textdegree}{%
4321 \ensuremath{\^{\circ}}%
4322 }
4323 \ProvideTextCommandDefault{\textdiv}{%
4324 \TextSymbolUnavailable\textdiv
4325 }
4326 \ProvideTextCommandDefault{\textgreaterequal}{%
4327 \ensuremath\geq
4328 }
4329 \ProvideTextCommandDefault{\textlessequal}{%
4330 \ensuremath\leq
4331 }
4332 \ProvideTextCommandDefault{\textsurd}{%
4333 \ensuremath\surd
4334 }
4335 \ProvideTextCommandDefault{\texttwosuperior}{%
4336 \ensuremath{\^2}}%
4337 }
4338 \DeclareInputText{128}{\textSFx}
4339 \DeclareInputText{129}{\textSFxi}
4340 \DeclareInputText{130}{\textSFi}
4341 \DeclareInputText{131}{\textSFiii}

```

```

4342 \DeclareInputText{132}{\textSFii}
4343 \DeclareInputText{133}{\textSFiv}
4344 \DeclareInputText{134}{\textSFviii}
4345 \DeclareInputText{135}{\textSFix}
4346 \DeclareInputText{136}{\textSFvi}
4347 \DeclareInputText{137}{\textSFvii}
4348 \DeclareInputText{138}{\textSFv}
4349 \DeclareInputText{139}{\textupblock}
4350 \DeclareInputText{140}{\textdnblock}
4351 \DeclareInputText{141}{\textblock}
4352 \DeclareInputText{142}{\textlfblock}
4353 \DeclareInputText{143}{\textrtblock}
4354 \DeclareInputText{144}{\textltshade}
4355 \DeclareInputText{145}{\textshade}
4356 \DeclareInputText{146}{\textdkshade}
4357 \DeclareInputText{148}{\textblacksquare}
4358 \DeclareInputText{149}{\textbullet}
4359 \DeclareInputText{150}{\textsurd}
4360 \DeclareInputText{151}{\textapproxequal}
4361 \DeclareInputText{152}{\textlessequal}
4362 \DeclareInputText{153}{\textgreaterequal}
4363 \DeclareInputText{154}{\nobreakspace}
4364 \DeclareInputText{156}{\textdegree}
4365 \DeclareInputText{157}{\texttwosuperior}
4366 \DeclareInputText{158}{\textperiodcentered}
4367 \DeclareInputText{159}{\textdiv}
4368 \DeclareInputText{160}{\textSFxlzii}
4369 \DeclareInputText{161}{\textSFxxiv}
4370 \DeclareInputText{162}{\textSFli}
4371 \DeclareInputText{163}{\cyryo}
4372 \DeclareInputText{164}{\textSFlii}
4373 \DeclareInputText{165}{\textSFxxxix}
4374 \DeclareInputText{166}{\textSFxxii}
4375 \DeclareInputText{167}{\textSFxxi}
4376 \DeclareInputText{168}{\textSFxxv}
4377 \DeclareInputText{169}{\textSF1}
4378 \DeclareInputText{170}{\textSFxlix}
4379 \DeclareInputText{171}{\textSFxxxviii}
4380 \DeclareInputText{172}{\textSFxxviii}
4381 \DeclareInputText{173}{\textSFxxvii}
4382 \DeclareInputText{174}{\textSFxxvi}
4383 \DeclareInputText{175}{\textSFxxxvi}
4384 \DeclareInputText{176}{\textSFxxxvii}
4385 \DeclareInputText{177}{\textSFxlii}
4386 \DeclareInputText{178}{\textSFxix}
4387 \DeclareInputText{179}{\CYRY0}
4388 \DeclareInputText{180}{\textSFxx}
4389 \DeclareInputText{181}{\textSFxxiii}
4390 \DeclareInputText{182}{\textSFxlvi}
4391 \DeclareInputText{183}{\textSFxlvi}
4392 \DeclareInputText{184}{\textSFxli}
4393 \DeclareInputText{185}{\textSFxlv}
4394 \DeclareInputText{186}{\textSFxlvi}
4395 \DeclareInputText{187}{\textSFxl}
4396 \DeclareInputText{188}{\textSFliv}
4397 \DeclareInputText{189}{\textSFliii}
4398 \DeclareInputText{190}{\textSFxliv}
4399 \DeclareInputText{191}{\textcopyright}
4400 \DeclareInputText{192}{\cyryu}
4401 \DeclareInputText{193}{\cyra}
4402 \DeclareInputText{194}{\cyrb}
4403 \DeclareInputText{195}{\cyrc}

```

```

4404 \DeclareInputText{196}{\cyrd}
4405 \DeclareInputText{197}{\cyre}
4406 \DeclareInputText{198}{\cyrf}
4407 \DeclareInputText{199}{\cyrg}
4408 \DeclareInputText{200}{\cyrh}
4409 \DeclareInputText{201}{\cyri}
4410 \DeclareInputText{202}{\cyrishrt}
4411 \DeclareInputText{203}{\cyrk}
4412 \DeclareInputText{204}{\cyrl}
4413 \DeclareInputText{205}{\cyrm}
4414 \DeclareInputText{206}{\cyrn}
4415 \DeclareInputText{207}{\cyro}
4416 \DeclareInputText{208}{\cyrp}
4417 \DeclareInputText{209}{\cyrya}
4418 \DeclareInputText{210}{\cyrr}
4419 \DeclareInputText{211}{\cyrs}
4420 \DeclareInputText{212}{\cyrt}
4421 \DeclareInputText{213}{\cyru}
4422 \DeclareInputText{214}{\cyrzh}
4423 \DeclareInputText{215}{\cyrv}
4424 \DeclareInputText{216}{\cyrsftsn}
4425 \DeclareInputText{217}{\cyrery}
4426 \DeclareInputText{218}{\cyrz}
4427 \DeclareInputText{219}{\cyrsh}
4428 \DeclareInputText{220}{\cyrerev}
4429 \DeclareInputText{221}{\cyrshch}
4430 \DeclareInputText{222}{\cyrch}
4431 \DeclareInputText{223}{\cyrhrdsn}
4432 \DeclareInputText{224}{\CYRYU}
4433 \DeclareInputText{225}{\CYRA}
4434 \DeclareInputText{226}{\CYRB}
4435 \DeclareInputText{227}{\CYRC}
4436 \DeclareInputText{228}{\CYRD}
4437 \DeclareInputText{229}{\CYRE}
4438 \DeclareInputText{230}{\CYRF}
4439 \DeclareInputText{231}{\CYRG}
4440 \DeclareInputText{232}{\CYRH}
4441 \DeclareInputText{233}{\CYRI}
4442 \DeclareInputText{234}{\CYRISHRT}
4443 \DeclareInputText{235}{\CYRK}
4444 \DeclareInputText{236}{\CYRL}
4445 \DeclareInputText{237}{\CYRM}
4446 \DeclareInputText{238}{\CYRN}
4447 \DeclareInputText{239}{\CYRO}
4448 \DeclareInputText{240}{\CYRP}
4449 \DeclareInputText{241}{\CYRYA}
4450 \DeclareInputText{242}{\CYRR}
4451 \DeclareInputText{243}{\CYRS}
4452 \DeclareInputText{244}{\CYRT}
4453 \DeclareInputText{245}{\CYRU}
4454 \DeclareInputText{246}{\CYRZH}
4455 \DeclareInputText{247}{\CYRV}
4456 \DeclareInputText{248}{\CYRSFTSN}
4457 \DeclareInputText{249}{\CYRERY}
4458 \DeclareInputText{250}{\CYRZ}
4459 \DeclareInputText{251}{\CYRSH}
4460 \DeclareInputText{252}{\CYREREV}
4461 \DeclareInputText{253}{\CYRSHCH}
4462 \DeclareInputText{254}{\CYRCH}
4463 \DeclareInputText{255}{\CYRHRDSN}
4464 \RestoreAtCatcode
4465 </koi8-r>

```

## 2.5.28 Encoding mac-centeuro

```
4466 <*mac-centeuro>
4467 \ProvidesFile{x-mac-centeuro.def}%
4468 [2010/01/11 v1.6 Input encoding mac-centeuro (inputenx)]%
4469 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4470 \makeatletter
4471 \ProvideTextCommandDefault{\textasciicaron}{%
4472   \v{}}%
4473 }
4474 \ProvideTextCommandDefault{\textasciidieresis}{%
4475   \"{}}%
4476 }
4477 \ProvideTextCommandDefault{\textdegree}{%
4478   \ensuremath{{}^\circ}}%
4479 }
4480 \ProvideTextCommandDefault{\textdiv}{%
4481   \TextSymbolUnavailable\textdiv}
4482 }
4483 \ProvideTextCommandDefault{\textgreaterorequal}{%
4484   \ensuremath\geq}
4485 }
4486 \ProvideTextCommandDefault{\textincrement}{%
4487   \ensuremath\Delta}
4488 }
4489 \ProvideTextCommandDefault{\textlessequal}{%
4490   \ensuremath\leq}
4491 }
4492 \ProvideTextCommandDefault{\textlnot}{%
4493   \ensuremath\not}
4494 }
4495 \ProvideTextCommandDefault{\textlozenge}{%
4496   \ensuremath\diamond}
4497 }
4498 \ProvideTextCommandDefault{\textnotequal}{%
4499   \ensuremath\neq}
4500 }
4501 \ProvideTextCommandDefault{\textpartial}{%
4502   \ensuremath\partial}
4503 }
4504 \ProvideTextCommandDefault{\textsummation}{%
4505   \ensuremath\Sigma}
4506 }
4507 \ProvideTextCommandDefault{\textsurd}{%
4508   \ensuremath\surd}
4509 }
4510 \DeclareInputText{128}{\ "A}
4511 \DeclareInputText{129}{\ @tabacckludge=A}
4512 \DeclareInputText{130}{\ @tabacckludge=a}
4513 \DeclareInputText{131}{\ @tabacckludge'E}
4514 \DeclareInputText{132}{\ k A}
4515 \DeclareInputText{133}{\ "0}
4516 \DeclareInputText{134}{\ "U}
4517 \DeclareInputText{135}{\ @tabacckludge'a}
4518 \DeclareInputText{136}{\ k a}
4519 \DeclareInputText{137}{\ v C}
4520 \DeclareInputText{138}{\ "a}
4521 \DeclareInputText{139}{\ v c}
4522 \DeclareInputText{140}{\ @tabacckludge'C}
4523 \DeclareInputText{141}{\ @tabacckludge'c}
4524 \DeclareInputText{142}{\ @tabacckludge'e}
4525 \DeclareInputText{143}{\ @tabacckludge'Z}
4526 \DeclareInputText{144}{\ @tabacckludge'z}
```

4527 \DeclareInputText{145}{\v D}  
4528 \DeclareInputText{146}{\@tabacckludge'i}  
4529 \DeclareInputText{147}{\v d}  
4530 \DeclareInputText{148}{\@tabacckludge=E}  
4531 \DeclareInputText{149}{\@tabacckludge=e}  
4532 \DeclareInputText{150}{\ .E}  
4533 \DeclareInputText{151}{\@tabacckludge'o}  
4534 \DeclareInputText{152}{\ .e}  
4535 \DeclareInputText{153}{\ ^o}  
4536 \DeclareInputText{154}{\ "o}  
4537 \DeclareInputText{155}{\ ~o}  
4538 \DeclareInputText{156}{\@tabacckludge'u}  
4539 \DeclareInputText{157}{\v E}  
4540 \DeclareInputText{158}{\v e}  
4541 \DeclareInputText{159}{\ "u}  
4542 \DeclareInputText{160}{\textdagger}  
4543 \DeclareInputText{161}{\textdegree}  
4544 \DeclareInputText{162}{\k E}  
4545 \DeclareInputText{163}{\textsterling}  
4546 \DeclareInputText{164}{\textsection}  
4547 \DeclareInputText{165}{\textbullet}  
4548 \DeclareInputText{166}{\textparagraph}  
4549 \DeclareInputText{167}{\ss}  
4550 \DeclareInputText{168}{\textregistered}  
4551 \DeclareInputText{169}{\textcopyright}  
4552 \DeclareInputText{170}{\texttrademark}  
4553 \DeclareInputText{171}{\k e}  
4554 \DeclareInputText{172}{\textasciidieresis}  
4555 \DeclareInputText{173}{\textnotequal}  
4556 \DeclareInputText{174}{\v g}  
4557 \DeclareInputText{175}{\k I}  
4558 \DeclareInputText{176}{\k i}  
4559 \DeclareInputText{177}{\@tabacckludge=I}  
4560 \DeclareInputText{178}{\textlessequal}  
4561 \DeclareInputText{179}{\textgreaterequal}  
4562 \DeclareInputText{180}{\@tabacckludge=\i}  
4563 \DeclareInputText{181}{\c K}  
4564 \DeclareInputText{182}{\textpartial}  
4565 \DeclareInputText{183}{\textsummation}  
4566 \DeclareInputText{184}{\l}  
4567 \DeclareInputText{185}{\c L}  
4568 \DeclareInputText{186}{\c l}  
4569 \DeclareInputText{187}{\v L}  
4570 \DeclareInputText{188}{\v l}  
4571 \DeclareInputText{189}{\@tabacckludge'L}  
4572 \DeclareInputText{190}{\@tabacckludge'l}  
4573 \DeclareInputText{191}{\c N}  
4574 \DeclareInputText{192}{\c n}  
4575 \DeclareInputText{193}{\@tabacckludge'N}  
4576 \DeclareInputText{194}{\textlnot}  
4577 \DeclareInputText{195}{\textsurd}  
4578 \DeclareInputText{196}{\@tabacckludge'n}  
4579 \DeclareInputText{197}{\v N}  
4580 \DeclareInputText{198}{\textincrement}  
4581 \DeclareInputText{199}{\guillemotleft}  
4582 \DeclareInputText{200}{\guillemotright}  
4583 \DeclareInputText{201}{\textellipsis}  
4584 \DeclareInputText{202}{\nobreakspace}  
4585 \DeclareInputText{203}{\v n}  
4586 \DeclareInputText{204}{\H O}  
4587 \DeclareInputText{205}{\~O}  
4588 \DeclareInputText{206}{\H o}



```

4589 \DeclareInputText{207}{\@tabacckludge=0}
4590 \DeclareInputText{208}{\textendash}
4591 \DeclareInputText{209}{\textemdash}
4592 \DeclareInputText{210}{\textquotedblleft}
4593 \DeclareInputText{211}{\textquotedblright}
4594 \DeclareInputText{212}{\textquoteleft}
4595 \DeclareInputText{213}{\textquoteright}
4596 \DeclareInputText{214}{\textdiv}
4597 \DeclareInputText{215}{\textlozenge}
4598 \DeclareInputText{216}{\@tabacckludge=o}
4599 \DeclareInputText{217}{\@tabacckludge'R}
4600 \DeclareInputText{218}{\@tabacckludge'r}
4601 \DeclareInputText{219}{\v R}
4602 \DeclareInputText{220}{\guilsinglleft}
4603 \DeclareInputText{221}{\guilsinglright}
4604 \DeclareInputText{222}{\v r}
4605 \DeclareInputText{223}{\c R}
4606 \DeclareInputText{224}{\c r}
4607 \DeclareInputText{225}{\v S}
4608 \DeclareInputText{226}{\quotesinglbase}
4609 \DeclareInputText{227}{\quotedblbase}
4610 \DeclareInputText{228}{\v s}
4611 \DeclareInputText{229}{\@tabacckludge'S}
4612 \DeclareInputText{230}{\@tabacckludge's}
4613 \DeclareInputText{231}{\@tabacckludge'A}
4614 \DeclareInputText{232}{\v T}
4615 \DeclareInputText{233}{\v t}
4616 \DeclareInputText{234}{\@tabacckludge'I}
4617 \DeclareInputText{235}{\v Z}
4618 \DeclareInputText{236}{\v z}
4619 \DeclareInputText{237}{\@tabacckludge=U}
4620 \DeclareInputText{238}{\@tabacckludge'O}
4621 \DeclareInputText{239}{\^0}
4622 \DeclareInputText{240}{\@tabacckludge=u}
4623 \DeclareInputText{241}{\r U}
4624 \DeclareInputText{242}{\@tabacckludge'U}
4625 \DeclareInputText{243}{\r u}
4626 \DeclareInputText{244}{\H U}
4627 \DeclareInputText{245}{\H u}
4628 \DeclareInputText{246}{\k U}
4629 \DeclareInputText{247}{\k u}
4630 \DeclareInputText{248}{\@tabacckludge'Y}
4631 \DeclareInputText{249}{\@tabacckludge'y}
4632 \DeclareInputText{250}{\c k}
4633 \DeclareInputText{251}{\ .Z}
4634 \DeclareInputText{252}{\L}
4635 \DeclareInputText{253}{\ .z}
4636 \DeclareInputText{254}{\c G}
4637 \DeclareInputText{255}{\textasciicaron}
4638 \RestoreAtCatcode
4639 \</mac-centeuro)

```

### 2.5.29 Encoding mac-cyrillic

```

4640 \<*mac-cyrillic)
4641 \ProvidesFile{x-mac-cyrillic.def}%
4642 [2010/01/11 v1.6 Input encoding mac-cyrillic (inputenx)]%
4643 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
4644 \makeatletter
4645 \ProvideTextCommandDefault{\textapproxequal}{%
4646 \ensuremath\approx}
4647 }
4648 \ProvideTextCommandDefault{\textdegree}{%
4649 \ensuremath{\^{\circ}}}%

```

```

4650 }
4651 \ProvideTextCommandDefault{\textdiv}{%
4652   \TextSymbolUnavailable\textdiv
4653 }
4654 \ProvideTextCommandDefault{\texteuro}{%
4655   \TextSymbolUnavailable\texteuro
4656 }
4657 \ProvideTextCommandDefault{\textflorin}{%
4658   \textit{f}}%
4659 }
4660 \ProvideTextCommandDefault{\textgreaterorequal}{%
4661   \ensuremath\geq
4662 }
4663 \ProvideTextCommandDefault{\textincrement}{%
4664   \ensuremath\Delta
4665 }
4666 \ProvideTextCommandDefault{\textinfinity}{%
4667   \ensuremath\infty
4668 }
4669 \ProvideTextCommandDefault{\textlessequal}{%
4670   \ensuremath\leq
4671 }
4672 \ProvideTextCommandDefault{\textlnot}{%
4673   \ensuremath\not
4674 }
4675 \ProvideTextCommandDefault{\textmu}{%
4676   \ensuremath\mu
4677 }
4678 \ProvideTextCommandDefault{\textnotequal}{%
4679   \ensuremath\neq
4680 }
4681 \ProvideTextCommandDefault{\textnumero}{%
4682   N%
4683   \bgroup
4684     \check@mathfonts
4685     \fontsize\sf@size\z@
4686     \math@fontsfalse
4687     \selectfont
4688     \ooalign{%
4689       \raise0.5ex\hbox{o}}%
4690     \crrc
4691     \hline
4692   }%
4693   \egroup
4694 }
4695 \ProvideTextCommandDefault{\textpm}{%
4696   \ensuremath\pm
4697 }
4698 \ProvideTextCommandDefault{\textsurd}{%
4699   \ensuremath\surd
4700 }
4701 \DeclareInputText{128}{\CYRA}
4702 \DeclareInputText{129}{\CYRB}
4703 \DeclareInputText{130}{\CYRV}
4704 \DeclareInputText{131}{\CYRG}
4705 \DeclareInputText{132}{\CYRD}
4706 \DeclareInputText{133}{\CYRE}
4707 \DeclareInputText{134}{\CYRZH}
4708 \DeclareInputText{135}{\CYRZ}
4709 \DeclareInputText{136}{\CYRI}
4710 \DeclareInputText{137}{\CYRISHRT}
4711 \DeclareInputText{138}{\CYRK}

```

4712 \DeclareInputText{139}{\CYRL}  
4713 \DeclareInputText{140}{\CYRM}  
4714 \DeclareInputText{141}{\CYRN}  
4715 \DeclareInputText{142}{\CYRO}  
4716 \DeclareInputText{143}{\CYRP}  
4717 \DeclareInputText{144}{\CYRR}  
4718 \DeclareInputText{145}{\CYRS}  
4719 \DeclareInputText{146}{\CYRT}  
4720 \DeclareInputText{147}{\CYRU}  
4721 \DeclareInputText{148}{\CYRF}  
4722 \DeclareInputText{149}{\CYRH}  
4723 \DeclareInputText{150}{\CYRC}  
4724 \DeclareInputText{151}{\CYRCH}  
4725 \DeclareInputText{152}{\CYRSH}  
4726 \DeclareInputText{153}{\CYRSHCH}  
4727 \DeclareInputText{154}{\CYRHRDSN}  
4728 \DeclareInputText{155}{\CYRERY}  
4729 \DeclareInputText{156}{\CYRSFTSN}  
4730 \DeclareInputText{157}{\CYREREV}  
4731 \DeclareInputText{158}{\CYRYU}  
4732 \DeclareInputText{159}{\CYRYA}  
4733 \DeclareInputText{160}{\textdagger}  
4734 \DeclareInputText{161}{\textdegree}  
4735 \DeclareInputText{162}{\CYRGUP}  
4736 \DeclareInputText{163}{\textsterling}  
4737 \DeclareInputText{164}{\textsection}  
4738 \DeclareInputText{165}{\textbullet}  
4739 \DeclareInputText{166}{\textparagraph}  
4740 \DeclareInputText{167}{\CYRII}  
4741 \DeclareInputText{168}{\textregistered}  
4742 \DeclareInputText{169}{\textcopyright}  
4743 \DeclareInputText{170}{\texttrademark}  
4744 \DeclareInputText{171}{\CYRDJE}  
4745 \DeclareInputText{172}{\cyrdje}  
4746 \DeclareInputText{173}{\textnotequal}  
4747 \DeclareInputText{174}{\@tabacckludge'\CYRG}  
4748 \DeclareInputText{175}{\@tabacckludge'\cyrg}  
4749 \DeclareInputText{176}{\textinfinity}  
4750 \DeclareInputText{177}{\textpm}  
4751 \DeclareInputText{178}{\textlessequal}  
4752 \DeclareInputText{179}{\textgreaterequal}  
4753 \DeclareInputText{180}{\cyrii}  
4754 \DeclareInputText{181}{\textmu}  
4755 \DeclareInputText{182}{\cyrgup}  
4756 \DeclareInputText{183}{\CYRJE}  
4757 \DeclareInputText{184}{\CYRIE}  
4758 \DeclareInputText{185}{\cyrie}  
4759 \DeclareInputText{186}{\CYRYI}  
4760 \DeclareInputText{187}{\cyryi}  
4761 \DeclareInputText{188}{\CYRLJE}  
4762 \DeclareInputText{189}{\cyrlje}  
4763 \DeclareInputText{190}{\CYRNJE}  
4764 \DeclareInputText{191}{\cyrnje}  
4765 \DeclareInputText{192}{\cyrje}  
4766 \DeclareInputText{193}{\CYRDZE}  
4767 \DeclareInputText{194}{\textlnot}  
4768 \DeclareInputText{195}{\textsurd}  
4769 \DeclareInputText{196}{\textflorin}  
4770 \DeclareInputText{197}{\textapproxequal}  
4771 \DeclareInputText{198}{\textincrement}  
4772 \DeclareInputText{199}{\guillemotleft}  
4773 \DeclareInputText{200}{\guillemotright}

```

4774 \DeclareInputText{201}{\textellipsis}
4775 \DeclareInputText{202}{\nobreakspace}
4776 \DeclareInputText{203}{\CYRTSHE}
4777 \DeclareInputText{204}{\cyrtshe}
4778 \DeclareInputText{205}{\@tabacckludge'\CYRK}
4779 \DeclareInputText{206}{\@tabacckludge'\cyrk}
4780 \DeclareInputText{207}{\cyrdze}
4781 \DeclareInputText{208}{\textendash}
4782 \DeclareInputText{209}{\textemdash}
4783 \DeclareInputText{210}{\textquotedblleft}
4784 \DeclareInputText{211}{\textquotedblright}
4785 \DeclareInputText{212}{\textquoteleft}
4786 \DeclareInputText{213}{\textquoteright}
4787 \DeclareInputText{214}{\textdiv}
4788 \DeclareInputText{215}{\quotedblbase}
4789 \DeclareInputText{216}{\CYRUSHRT}
4790 \DeclareInputText{217}{\cyrushrt}
4791 \DeclareInputText{218}{\CYRDZHE}
4792 \DeclareInputText{219}{\cyrdze}
4793 \DeclareInputText{220}{\textnumero}
4794 \DeclareInputText{221}{\CYRYO}
4795 \DeclareInputText{222}{\cyrjo}
4796 \DeclareInputText{223}{\cyrja}
4797 \DeclareInputText{224}{\cyrja}
4798 \DeclareInputText{225}{\cyrb}
4799 \DeclareInputText{226}{\cyrv}
4800 \DeclareInputText{227}{\cyrj}
4801 \DeclareInputText{228}{\cyrj}
4802 \DeclareInputText{229}{\cyrj}
4803 \DeclareInputText{230}{\cyrzh}
4804 \DeclareInputText{231}{\cyrz}
4805 \DeclareInputText{232}{\cyrj}
4806 \DeclareInputText{233}{\cyrishrt}
4807 \DeclareInputText{234}{\cyrk}
4808 \DeclareInputText{235}{\cyrj}
4809 \DeclareInputText{236}{\cyrj}
4810 \DeclareInputText{237}{\cyrj}
4811 \DeclareInputText{238}{\cyrj}
4812 \DeclareInputText{239}{\cyrj}
4813 \DeclareInputText{240}{\cyrj}
4814 \DeclareInputText{241}{\cyrj}
4815 \DeclareInputText{242}{\cyrj}
4816 \DeclareInputText{243}{\cyrj}
4817 \DeclareInputText{244}{\cyrj}
4818 \DeclareInputText{245}{\cyrj}
4819 \DeclareInputText{246}{\cyrj}
4820 \DeclareInputText{247}{\cyrj}
4821 \DeclareInputText{248}{\cyrj}
4822 \DeclareInputText{249}{\cyrj}
4823 \DeclareInputText{250}{\cyrj}
4824 \DeclareInputText{251}{\cyrj}
4825 \DeclareInputText{252}{\cyrj}
4826 \DeclareInputText{253}{\cyrj}
4827 \DeclareInputText{254}{\cyrj}
4828 \DeclareInputText{255}{\texteuro}
4829 \RestoreAtCatcode
4830 </mac-cyrillic>

```

### 2.5.30 Encoding mac-roman

```

4831 <*mac-roman>
4832 \ProvidesFile{x-mac-roman.def}%
4833 [2010/01/11 v1.6 Input encoding mac-roman (inputenx)]%
4834 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}

```

```

4835 \makeatletter
4836 \ProvideTextCommandDefault{\textOmega}{%
4837   \ensuremath{\Omega}
4838 }
4839 \ProvideTextCommandDefault{\textacutedbl}{%
4840   \H{}}%
4841 }
4842 \ProvideTextCommandDefault{\textapproxequal}{%
4843   \ensuremath{\approx}
4844 }
4845 \ProvideTextCommandDefault{\textasciiacute}{%
4846   \@tabacckludge'{}%
4847 }
4848 \ProvideTextCommandDefault{\textasciibreve}{%
4849   \u{}}%
4850 }
4851 \ProvideTextCommandDefault{\textasciicaron}{%
4852   \v{}}%
4853 }
4854 \ProvideTextCommandDefault{\textasciidieresis}{%
4855   \"}%
4856 }
4857 \ProvideTextCommandDefault{\textasciimacron}{%
4858   \@tabacckludge={}%
4859 }
4860 \ProvideTextCommandDefault{\textcent}{%
4861   \TextSymbolUnavailable\textcent
4862 }
4863 \ProvideTextCommandDefault{\textdegree}{%
4864   \ensuremath{{}^{\circ}}%
4865 }
4866 \ProvideTextCommandDefault{\textdiv}{%
4867   \TextSymbolUnavailable\textdiv
4868 }
4869 \ProvideTextCommandDefault{\texteuro}{%
4870   \TextSymbolUnavailable\texteuro
4871 }
4872 \ProvideTextCommandDefault{\textflorin}{%
4873   \textit{f}}%
4874 }
4875 \ProvideTextCommandDefault{\textfractionsolidus}{%
4876   /%
4877 }
4878 \ProvideTextCommandDefault{\textgreaterequal}{%
4879   \ensuremath{\geq}
4880 }
4881 \ProvideTextCommandDefault{\textincrement}{%
4882   \ensuremath{\Delta}
4883 }
4884 \ProvideTextCommandDefault{\textinfinity}{%
4885   \ensuremath{\infty}
4886 }
4887 \ProvideTextCommandDefault{\textintegral}{%
4888   \ensuremath{\int}
4889 }
4890 \ProvideTextCommandDefault{\textlessequal}{%
4891   \ensuremath{\leq}
4892 }
4893 \ProvideTextCommandDefault{\textlnot}{%
4894   \ensuremath{\lnot}
4895 }
4896 \ProvideTextCommandDefault{\textlozenge}{%

```

```

4897 \ensuremath\diamond
4898 }
4899 \ProvideTextCommandDefault{\textmu}{%
4900 \ensuremath\mu
4901 }
4902 \ProvideTextCommandDefault{\textnotequal}{%
4903 \ensuremath\neq
4904 }
4905 \ProvideTextCommandDefault{\textpartial}{%
4906 \ensuremath\partial
4907 }
4908 \ProvideTextCommandDefault{\textpi}{%
4909 \ensuremath\pi
4910 }
4911 \ProvideTextCommandDefault{\textpm}{%
4912 \ensuremath\pmb{m}
4913 }
4914 \ProvideTextCommandDefault{\textproduct}{%
4915 \ensuremath\Pi
4916 }
4917 \ProvideTextCommandDefault{\textsummation}{%
4918 \ensuremath\Sigma
4919 }
4920 \ProvideTextCommandDefault{\textsurd}{%
4921 \ensuremath\sqrt{\phantom{x}}
4922 }
4923 \ProvideTextCommandDefault{\textyen}{%
4924 \TextSymbolUnavailable\textyen
4925 }
4926 \DeclareInputText{128}{\ "A}
4927 \DeclareInputText{129}{\ r A}
4928 \DeclareInputText{130}{\ c C}
4929 \DeclareInputText{131}{\@tabacckludge'E}
4930 \DeclareInputText{132}{\ "N}
4931 \DeclareInputText{133}{\ "0}
4932 \DeclareInputText{134}{\ "U}
4933 \DeclareInputText{135}{\@tabacckludge'a}
4934 \DeclareInputText{136}{\@tabacckludge'a}
4935 \DeclareInputText{137}{\ ^a}
4936 \DeclareInputText{138}{\ "a}
4937 \DeclareInputText{139}{\ ~a}
4938 \DeclareInputText{140}{\ r a}
4939 \DeclareInputText{141}{\ c c}
4940 \DeclareInputText{142}{\@tabacckludge'e}
4941 \DeclareInputText{143}{\@tabacckludge'e}
4942 \DeclareInputText{144}{\ ^e}
4943 \DeclareInputText{145}{\ "e}
4944 \DeclareInputText{146}{\@tabacckludge'i}
4945 \DeclareInputText{147}{\@tabacckludge'i}
4946 \DeclareInputText{148}{\ ^i}
4947 \DeclareInputText{149}{\ "i}
4948 \DeclareInputText{150}{\ ~n}
4949 \DeclareInputText{151}{\@tabacckludge'o}
4950 \DeclareInputText{152}{\@tabacckludge'o}
4951 \DeclareInputText{153}{\ ^o}
4952 \DeclareInputText{154}{\ "o}
4953 \DeclareInputText{155}{\ ~o}
4954 \DeclareInputText{156}{\@tabacckludge'u}
4955 \DeclareInputText{157}{\@tabacckludge'u}
4956 \DeclareInputText{158}{\ ^u}
4957 \DeclareInputText{159}{\ "u}
4958 \DeclareInputText{160}{\textdagger}

```

4959 \DeclareInputText{161}{\textdegree}  
4960 \DeclareInputText{162}{\textcent}  
4961 \DeclareInputText{163}{\textsterling}  
4962 \DeclareInputText{164}{\textsection}  
4963 \DeclareInputText{165}{\textbullet}  
4964 \DeclareInputText{166}{\textparagraph}  
4965 \DeclareInputText{167}{\ss}  
4966 \DeclareInputText{168}{\textregistered}  
4967 \DeclareInputText{169}{\textcopyright}  
4968 \DeclareInputText{170}{\texttrademark}  
4969 \DeclareInputText{171}{\textasciiacute}  
4970 \DeclareInputText{172}{\textasciidieresis}  
4971 \DeclareInputText{173}{\textnotequal}  
4972 \DeclareInputText{174}{\AE}  
4973 \DeclareInputText{175}{\O}  
4974 \DeclareInputText{176}{\textinfinity}  
4975 \DeclareInputText{177}{\textpm}  
4976 \DeclareInputText{178}{\textlessequal}  
4977 \DeclareInputText{179}{\textgreaterequal}  
4978 \DeclareInputText{180}{\textyen}  
4979 \DeclareInputText{181}{\textmu}  
4980 \DeclareInputText{182}{\textpartial}  
4981 \DeclareInputText{183}{\textsummation}  
4982 \DeclareInputText{184}{\textproduct}  
4983 \DeclareInputText{185}{\textpi}  
4984 \DeclareInputText{186}{\textintegral}  
4985 \DeclareInputText{187}{\textordfeminine}  
4986 \DeclareInputText{188}{\textordmasculine}  
4987 \DeclareInputText{189}{\textOmega}  
4988 \DeclareInputText{190}{\ae}  
4989 \DeclareInputText{191}{\o}  
4990 \DeclareInputText{192}{\textquestiondown}  
4991 \DeclareInputText{193}{\textexclamdown}  
4992 \DeclareInputText{194}{\textlnot}  
4993 \DeclareInputText{195}{\textsurd}  
4994 \DeclareInputText{196}{\textflorin}  
4995 \DeclareInputText{197}{\textapproxequal}  
4996 \DeclareInputText{198}{\textincrement}  
4997 \DeclareInputText{199}{\guillemotleft}  
4998 \DeclareInputText{200}{\guillemotright}  
4999 \DeclareInputText{201}{\textellipsis}  
5000 \DeclareInputText{202}{\nobreakspace}  
5001 \DeclareInputText{203}{@tabacckludge'A}  
5002 \DeclareInputText{204}{\~A}  
5003 \DeclareInputText{205}{\~O}  
5004 \DeclareInputText{206}{\OE}  
5005 \DeclareInputText{207}{\oe}  
5006 \DeclareInputText{208}{\textendash}  
5007 \DeclareInputText{209}{\textemdash}  
5008 \DeclareInputText{210}{\textquotedblleft}  
5009 \DeclareInputText{211}{\textquotedblright}  
5010 \DeclareInputText{212}{\textquoteleft}  
5011 \DeclareInputText{213}{\textquoteright}  
5012 \DeclareInputText{214}{\textdiv}  
5013 \DeclareInputText{215}{\textlozenge}  
5014 \DeclareInputText{216}{\~y}  
5015 \DeclareInputText{217}{\~Y}  
5016 \DeclareInputText{218}{\textfractionsolidus}  
5017 \DeclareInputText{219}{\texteuro}  
5018 \DeclareInputText{220}{\guilsinglleft}  
5019 \DeclareInputText{221}{\guilsinglright}  
5020 \DeclareInputText{222}{fi}

```

5021 \DeclareInputText{223}{f1}
5022 \DeclareInputText{224}{\textdaggerdbl}
5023 \DeclareInputText{225}{\textperiodcentered}
5024 \DeclareInputText{226}{\quotesinglbase}
5025 \DeclareInputText{227}{\quotedblbase}
5026 \DeclareInputText{228}{\textperthousand}
5027 \DeclareInputText{229}{\^A}
5028 \DeclareInputText{230}{\^E}
5029 \DeclareInputText{231}{\@tabacckludge'A}
5030 \DeclareInputText{232}{\^E}
5031 \DeclareInputText{233}{\@tabacckludge'E}
5032 \DeclareInputText{234}{\@tabacckludge'I}
5033 \DeclareInputText{235}{\^I}
5034 \DeclareInputText{236}{\^I}
5035 \DeclareInputText{237}{\@tabacckludge'I}
5036 \DeclareInputText{238}{\@tabacckludge'O}
5037 \DeclareInputText{239}{\^O}
5038 \DeclareInputText{241}{\@tabacckludge'O}
5039 \DeclareInputText{242}{\@tabacckludge'U}
5040 \DeclareInputText{243}{\^U}
5041 \DeclareInputText{244}{\@tabacckludge'U}
5042 \DeclareInputText{245}{\i}
5043 \DeclareInputText{246}{\textasciicircum}
5044 \DeclareInputText{247}{\textasciitilde}
5045 \DeclareInputText{248}{\textasciimacron}
5046 \DeclareInputText{249}{\textasciibreve}
5047 \DeclareInputText{250}{\.\{}}
5048 \DeclareInputText{251}{\r{}}
5049 \DeclareInputText{252}{\c\ }
5050 \DeclareInputText{253}{\textacutedbl}
5051 \DeclareInputText{254}{\k{}}
5052 \DeclareInputText{255}{\textasciicaron}
5053 \RestoreAtCatcode
5054 </mac-roman>

```

### 2.5.31 Encoding nextstep

```

5055 <*nextstep>
5056 \ProvidesFile{x-nextstep.def}%
5057 [2010/01/11 v1.6 Input encoding nextstep (inputenx)]%
5058 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5059 \makeatletter
5060 \ProvideTextCommandDefault{\textacutedbl}{%
5061   \H{}}%
5062 }
5063 \ProvideTextCommandDefault{\textasciiacute}{%
5064   \@tabacckludge'{}%
5065 }
5066 \ProvideTextCommandDefault{\textasciibreve}{%
5067   \u{}}%
5068 }
5069 \ProvideTextCommandDefault{\textasciicaron}{%
5070   \v{}}%
5071 }
5072 \ProvideTextCommandDefault{\textasciidieresis}{%
5073   \"}%
5074 }
5075 \ProvideTextCommandDefault{\textasciigrave}{%
5076   \@tabacckludge'{}%
5077 }
5078 \ProvideTextCommandDefault{\textasciimacron}{%
5079   \@tabacckludge={}%
5080 }
5081 \ProvideTextCommandDefault{\textbrokenbar}{%

```



```

5082 \TextSymbolUnavailable\textbrokenbar
5083 }
5084 \ProvideTextCommandDefault{\textcent}{%
5085 \TextSymbolUnavailable\textcent
5086 }
5087 \ProvideTextCommandDefault{\textcurrency}{%
5088 \TextSymbolUnavailable\textcurrency
5089 }
5090 \ProvideTextCommandDefault{\textdiv}{%
5091 \TextSymbolUnavailable\textdiv
5092 }
5093 \ProvideTextCommandDefault{\textflorin}{%
5094 \textit{f}}%
5095 }
5096 \ProvideTextCommandDefault{\textfractionsolidus}{%
5097 /}%
5098 }
5099 \ProvideTextCommandDefault{\textlnot}{%
5100 \ensuremath\lnot
5101 }
5102 \ProvideTextCommandDefault{\textmu}{%
5103 \ensuremath\mu
5104 }
5105 \ProvideTextCommandDefault{\textonehalf}{%
5106 \ensuremath{\frac{1}{2}}%
5107 }
5108 \ProvideTextCommandDefault{\textonequarter}{%
5109 \ensuremath{\frac{1}{4}}%
5110 }
5111 \ProvideTextCommandDefault{\textonesuperior}{%
5112 \ensuremath{{}^1}%
5113 }
5114 \ProvideTextCommandDefault{\textpm}{%
5115 \ensuremath\pm
5116 }
5117 \ProvideTextCommandDefault{\textthreequarters}{%
5118 \ensuremath{\frac{3}{4}}%
5119 }
5120 \ProvideTextCommandDefault{\textthreesuperior}{%
5121 \ensuremath{{}^3}%
5122 }
5123 \ProvideTextCommandDefault{\texttimes}{%
5124 \ensuremath\times
5125 }
5126 \ProvideTextCommandDefault{\texttwosuperior}{%
5127 \ensuremath{{}^2}%
5128 }
5129 \ProvideTextCommandDefault{\textyen}{%
5130 \TextSymbolUnavailable\textyen
5131 }
5132 \DeclareInputText{128}{\nobreakspace}
5133 \DeclareInputText{129}{\@tabacckludge'A}
5134 \DeclareInputText{130}{\@tabacckludge'A}
5135 \DeclareInputText{131}{\^A}
5136 \DeclareInputText{132}{\~A}
5137 \DeclareInputText{133}{\ "A}
5138 \DeclareInputText{134}{\r A}
5139 \DeclareInputText{135}{\c C}
5140 \DeclareInputText{136}{\@tabacckludge'E}
5141 \DeclareInputText{137}{\@tabacckludge'E}
5142 \DeclareInputText{138}{\^E}
5143 \DeclareInputText{139}{\ "E}

```

5144 \DeclareInputText{140}{\@tabacckludge'I}  
5145 \DeclareInputText{141}{\@tabacckludge'I}  
5146 \DeclareInputText{142}{\^I}  
5147 \DeclareInputText{143}{\I}  
5148 \DeclareInputText{144}{\DH}  
5149 \DeclareInputText{145}{\^N}  
5150 \DeclareInputText{146}{\@tabacckludge'O}  
5151 \DeclareInputText{147}{\@tabacckludge'O}  
5152 \DeclareInputText{148}{\^O}  
5153 \DeclareInputText{149}{\O}  
5154 \DeclareInputText{150}{\O}  
5155 \DeclareInputText{151}{\@tabacckludge'U}  
5156 \DeclareInputText{152}{\@tabacckludge'U}  
5157 \DeclareInputText{153}{\^U}  
5158 \DeclareInputText{154}{\U}  
5159 \DeclareInputText{155}{\@tabacckludge'Y}  
5160 \DeclareInputText{156}{\TH}  
5161 \DeclareInputText{157}{\textmu}  
5162 \DeclareInputText{158}{\texttimes}  
5163 \DeclareInputText{159}{\textdiv}  
5164 \DeclareInputText{160}{\textcopyright}  
5165 \DeclareInputText{161}{\textexclamdown}  
5166 \DeclareInputText{162}{\textcent}  
5167 \DeclareInputText{163}{\textsterling}  
5168 \DeclareInputText{164}{\textfractionsolidus}  
5169 \DeclareInputText{165}{\textyen}  
5170 \DeclareInputText{166}{\textflorin}  
5171 \DeclareInputText{167}{\textsection}  
5172 \DeclareInputText{168}{\textcurrency}  
5173 \DeclareInputText{169}{\textquoteright}  
5174 \DeclareInputText{170}{\textquotedblleft}  
5175 \DeclareInputText{171}{\guillemotleft}  
5176 \DeclareInputText{172}{\guilsinglleft}  
5177 \DeclareInputText{173}{\guilsinglright}  
5178 \DeclareInputText{174}{fi}  
5179 \DeclareInputText{175}{fl}  
5180 \DeclareInputText{176}{\textregistered}  
5181 \DeclareInputText{177}{\textendash}  
5182 \DeclareInputText{178}{\textdagger}  
5183 \DeclareInputText{179}{\textdaggerdbl}  
5184 \DeclareInputText{180}{\textperiodcentered}  
5185 \DeclareInputText{181}{\textbrokenbar}  
5186 \DeclareInputText{182}{\textparagraph}  
5187 \DeclareInputText{183}{\textbullet}  
5188 \DeclareInputText{184}{\quotesinglbase}  
5189 \DeclareInputText{185}{\quotedblbase}  
5190 \DeclareInputText{186}{\textquotedblright}  
5191 \DeclareInputText{187}{\guillemotright}  
5192 \DeclareInputText{188}{\textellipsis}  
5193 \DeclareInputText{189}{\textperthousand}  
5194 \DeclareInputText{190}{\textlnot}  
5195 \DeclareInputText{191}{\textquestiondown}  
5196 \DeclareInputText{192}{\textonesuperior}  
5197 \DeclareInputText{193}{\textasciigrave}  
5198 \DeclareInputText{194}{\textasciiacute}  
5199 \DeclareInputText{195}{\textasciicircum}  
5200 \DeclareInputText{196}{\textasciitilde}  
5201 \DeclareInputText{197}{\textasciimacron}  
5202 \DeclareInputText{198}{\textasciibreve}  
5203 \DeclareInputText{199}{\.\{}}  
5204 \DeclareInputText{200}{\textasciidieresis}  
5205 \DeclareInputText{201}{\texttwosuperior}

```

5206 \DeclareInputText{202}{\r{}}
5207 \DeclareInputText{203}{\c\ }
5208 \DeclareInputText{204}{\textthreesuperior}
5209 \DeclareInputText{205}{\textacutedbl}
5210 \DeclareInputText{206}{\k{}}
5211 \DeclareInputText{207}{\textasciicaron}
5212 \DeclareInputText{208}{\textemdash}
5213 \DeclareInputText{209}{\textpm}
5214 \DeclareInputText{210}{\textonequarter}
5215 \DeclareInputText{211}{\textonehalf}
5216 \DeclareInputText{212}{\textthreequarters}
5217 \DeclareInputText{213}{\@tabacckludge'a}
5218 \DeclareInputText{214}{\@tabacckludge'a}
5219 \DeclareInputText{215}{\^a}
5220 \DeclareInputText{216}{\~a}
5221 \DeclareInputText{217}{\"a}
5222 \DeclareInputText{218}{\r a}
5223 \DeclareInputText{219}{\c c}
5224 \DeclareInputText{220}{\@tabacckludge'e}
5225 \DeclareInputText{221}{\@tabacckludge'e}
5226 \DeclareInputText{222}{\^e}
5227 \DeclareInputText{223}{\"e}
5228 \DeclareInputText{224}{\@tabacckludge'i}
5229 \DeclareInputText{225}{\AE}
5230 \DeclareInputText{226}{\@tabacckludge'i}
5231 \DeclareInputText{227}{\textordfeminine}
5232 \DeclareInputText{228}{\^i}
5233 \DeclareInputText{229}{\"i}
5234 \DeclareInputText{230}{\dh}
5235 \DeclareInputText{231}{\~n}
5236 \DeclareInputText{232}{\L}
5237 \DeclareInputText{233}{\O}
5238 \DeclareInputText{234}{\OE}
5239 \DeclareInputText{235}{\textordmasculine}
5240 \DeclareInputText{236}{\@tabacckludge'o}
5241 \DeclareInputText{237}{\@tabacckludge'o}
5242 \DeclareInputText{238}{\^o}
5243 \DeclareInputText{239}{\~o}
5244 \DeclareInputText{240}{\"o}
5245 \DeclareInputText{241}{\ae}
5246 \DeclareInputText{242}{\@tabacckludge'u}
5247 \DeclareInputText{243}{\@tabacckludge'u}
5248 \DeclareInputText{244}{\^u}
5249 \DeclareInputText{245}{\i}
5250 \DeclareInputText{246}{\"u}
5251 \DeclareInputText{247}{\@tabacckludge'y}
5252 \DeclareInputText{248}{\l}
5253 \DeclareInputText{249}{\o}
5254 \DeclareInputText{250}{\oe}
5255 \DeclareInputText{251}{\ss}
5256 \DeclareInputText{252}{\th}
5257 \DeclareInputText{253}{\"y}
5258 \RestoreAtCatcode
5259 \</nextstep>

```

### 2.5.32 Non-Unicode additions

```

5260 \<*mac-roman>
5261 \ProvideTextCommandDefault{\textapplelogo}{%
5262 \TextSymbolUnavailable\textapplelogo
5263 }
5264 \DeclareInputText{240}{\textapplelogo}
5265 \</mac-roman>

```

## 2.6 Additions for utf8enc.dfu

```
5266 <*dfu>
5267 \ProvidesFile{ix-utf8enc.dfu}%
5268 [2010/01/11 v1.6 Additions of inputenx for utf8enc.dfu]%
5269 \DeclareUnicodeCharacter{00A0}{\nobreakspace}
5270 \DeclareUnicodeCharacter{00AD}{\~}
5271 \DeclareUnicodeCharacter{0100}{\@tabacckludge=A}
5272 \DeclareUnicodeCharacter{0101}{\@tabacckludge=a}
5273 \DeclareUnicodeCharacter{0108}{\^C}
5274 \DeclareUnicodeCharacter{0109}{\^c}
5275 \DeclareUnicodeCharacter{010A}{\ .C}
5276 \DeclareUnicodeCharacter{010B}{\ .c}
5277 \DeclareUnicodeCharacter{0112}{\@tabacckludge=E}
5278 \DeclareUnicodeCharacter{0113}{\@tabacckludge=e}
5279 \DeclareUnicodeCharacter{0116}{\ .E}
5280 \DeclareUnicodeCharacter{0117}{\ .e}
5281 \DeclareUnicodeCharacter{011C}{\^G}
5282 \DeclareUnicodeCharacter{011D}{\^g}
5283 \DeclareUnicodeCharacter{0120}{\ .G}
5284 \DeclareUnicodeCharacter{0121}{\ .g}
5285 \DeclareUnicodeCharacter{0122}{\c G}
5286 \DeclareUnicodeCharacter{0123}{\v g}
5287 \DeclareUnicodeCharacter{0124}{\^H}
5288 \DeclareUnicodeCharacter{0125}{\^h}
5289 \DeclareUnicodeCharacter{0126}{\textmalteseH}
5290 \DeclareUnicodeCharacter{0127}{\textmalteseh}
5291 \DeclareUnicodeCharacter{0128}{\^I}
5292 \DeclareUnicodeCharacter{0129}{\^i}
5293 \DeclareUnicodeCharacter{012A}{\@tabacckludge=I}
5294 \DeclareUnicodeCharacter{012B}{\@tabacckludge=i}
5295 \DeclareUnicodeCharacter{012E}{\k I}
5296 \DeclareUnicodeCharacter{012F}{\k i}
5297 \DeclareUnicodeCharacter{0134}{\^J}
5298 \DeclareUnicodeCharacter{0135}{\^j}
5299 \DeclareUnicodeCharacter{0136}{\c K}
5300 \DeclareUnicodeCharacter{0137}{\c k}
5301 \DeclareUnicodeCharacter{0138}{\textkra}
5302 \DeclareUnicodeCharacter{013B}{\c L}
5303 \DeclareUnicodeCharacter{013C}{\c l}
5304 \DeclareUnicodeCharacter{0145}{\c N}
5305 \DeclareUnicodeCharacter{0146}{\c n}
5306 \DeclareUnicodeCharacter{014C}{\@tabacckludge=0}
5307 \DeclareUnicodeCharacter{014D}{\@tabacckludge=o}
5308 \DeclareUnicodeCharacter{0156}{\c R}
5309 \DeclareUnicodeCharacter{0157}{\c r}
5310 \DeclareUnicodeCharacter{015C}{\^S}
5311 \DeclareUnicodeCharacter{015D}{\^s}
5312 \DeclareUnicodeCharacter{0166}{\textTstroke}
5313 \DeclareUnicodeCharacter{0167}{\texttstroke}
5314 \DeclareUnicodeCharacter{0168}{\^U}
5315 \DeclareUnicodeCharacter{0169}{\^u}
5316 \DeclareUnicodeCharacter{016A}{\@tabacckludge=U}
5317 \DeclareUnicodeCharacter{016B}{\@tabacckludge=u}
5318 \DeclareUnicodeCharacter{016C}{\u U}
5319 \DeclareUnicodeCharacter{016D}{\u u}
5320 \DeclareUnicodeCharacter{0172}{\k U}
5321 \DeclareUnicodeCharacter{0173}{\k u}
5322 \DeclareUnicodeCharacter{0174}{\^W}
5323 \DeclareUnicodeCharacter{0175}{\^w}
5324 \DeclareUnicodeCharacter{0176}{\^Y}
5325 \DeclareUnicodeCharacter{0177}{\^y}
5326 \DeclareUnicodeCharacter{1E02}{\ .B}
```

5327 \DeclareUnicodeCharacter{1E03}{\ .b}  
5328 \DeclareUnicodeCharacter{1E0A}{\ .D}  
5329 \DeclareUnicodeCharacter{1E0B}{\ .d}  
5330 \DeclareUnicodeCharacter{1E1E}{\ .F}  
5331 \DeclareUnicodeCharacter{1E1F}{\ .f}  
5332 \DeclareUnicodeCharacter{1E40}{\ .M}  
5333 \DeclareUnicodeCharacter{1E41}{\ .m}  
5334 \DeclareUnicodeCharacter{1E56}{\ .P}  
5335 \DeclareUnicodeCharacter{1E57}{\ .p}  
5336 \DeclareUnicodeCharacter{1E60}{\ .S}  
5337 \DeclareUnicodeCharacter{1E61}{\ .s}  
5338 \DeclareUnicodeCharacter{1E6A}{\ .T}  
5339 \DeclareUnicodeCharacter{1E6B}{\ .t}  
5340 \DeclareUnicodeCharacter{1E80}{\@tabacckludge'W}  
5341 \DeclareUnicodeCharacter{1E81}{\@tabacckludge'w}  
5342 \DeclareUnicodeCharacter{1E82}{\@tabacckludge'W}  
5343 \DeclareUnicodeCharacter{1E83}{\@tabacckludge'w}  
5344 \DeclareUnicodeCharacter{1E84}{\ "W}  
5345 \DeclareUnicodeCharacter{1E85}{\ "w}  
5346 \DeclareUnicodeCharacter{1EF2}{\@tabacckludge'Y}  
5347 \DeclareUnicodeCharacter{1EF3}{\@tabacckludge'y}  
5348 \DeclareUnicodeCharacter{0218}{\textcommabelow S}  
5349 \DeclareUnicodeCharacter{0219}{\textcommabelow s}  
5350 \DeclareUnicodeCharacter{021A}{\textcommabelow T}  
5351 \DeclareUnicodeCharacter{021B}{\textcommabelow t}  
5352 \DeclareUnicodeCharacter{02CB}{\textasciigrave}  
5353 \DeclareUnicodeCharacter{02D9}{\ .{}}  
5354 \DeclareUnicodeCharacter{02DA}{\r{}}  
5355 \DeclareUnicodeCharacter{02DB}{\k{}}  
5356 \DeclareUnicodeCharacter{0393}{\textGamma}  
5357 \DeclareUnicodeCharacter{0398}{\textTheta}  
5358 \DeclareUnicodeCharacter{03A3}{\textSigma}  
5359 \DeclareUnicodeCharacter{03A6}{\textPhi}  
5360 \DeclareUnicodeCharacter{03A9}{\textOmega}  
5361 \DeclareUnicodeCharacter{03B1}{\textalpha}  
5362 \DeclareUnicodeCharacter{03B2}{\textbeta}  
5363 \DeclareUnicodeCharacter{03B4}{\textdelta}  
5364 \DeclareUnicodeCharacter{03B5}{\textepsilon}  
5365 \DeclareUnicodeCharacter{03C0}{\textpi}  
5366 \DeclareUnicodeCharacter{03C3}{\textsigma}  
5367 \DeclareUnicodeCharacter{03C4}{\texttau}  
5368 \DeclareUnicodeCharacter{03C6}{\textphi}  
5369 \DeclareUnicodeCharacter{0403}{\@tabacckludge'\CYRG}  
5370 \DeclareUnicodeCharacter{040C}{\@tabacckludge'\CYRK}  
5371 \DeclareUnicodeCharacter{0453}{\@tabacckludge'\cyrg}  
5372 \DeclareUnicodeCharacter{045C}{\@tabacckludge'\cyrk}  
5373 \DeclareUnicodeCharacter{05D0}{\hebalef}  
5374 \DeclareUnicodeCharacter{05D1}{\hebbet}  
5375 \DeclareUnicodeCharacter{05D2}{\hebgimel}  
5376 \DeclareUnicodeCharacter{05D3}{\hebdalet}  
5377 \DeclareUnicodeCharacter{05D4}{\hebhe}  
5378 \DeclareUnicodeCharacter{05D5}{\hebvav}  
5379 \DeclareUnicodeCharacter{05D6}{\hebzayin}  
5380 \DeclareUnicodeCharacter{05D7}{\hebheth}  
5381 \DeclareUnicodeCharacter{05D8}{\hebtet}  
5382 \DeclareUnicodeCharacter{05D9}{\hebyod}  
5383 \DeclareUnicodeCharacter{05DA}{\hebfinalkaf}  
5384 \DeclareUnicodeCharacter{05DB}{\hebkaf}  
5385 \DeclareUnicodeCharacter{05DC}{\heblamed}  
5386 \DeclareUnicodeCharacter{05DD}{\hebfinalmem}  
5387 \DeclareUnicodeCharacter{05DE}{\hebmem}  
5388 \DeclareUnicodeCharacter{05DF}{\hebfinalnun}

5389 \DeclareUnicodeCharacter{05E0}{\hebnun}  
5390 \DeclareUnicodeCharacter{05E1}{\hebsamekh}  
5391 \DeclareUnicodeCharacter{05E2}{\hebayin}  
5392 \DeclareUnicodeCharacter{05E3}{\hebfinalpe}  
5393 \DeclareUnicodeCharacter{05E4}{\hebpe}  
5394 \DeclareUnicodeCharacter{05E5}{\hebfinaltsadi}  
5395 \DeclareUnicodeCharacter{05E6}{\hebtsadi}  
5396 \DeclareUnicodeCharacter{05E7}{\hebqof}  
5397 \DeclareUnicodeCharacter{05E8}{\hebresh}  
5398 \DeclareUnicodeCharacter{05E9}{\hebshin}  
5399 \DeclareUnicodeCharacter{05EA}{\hebtav}  
5400 \DeclareUnicodeCharacter{2015}{\texthorizontalbar}  
5401 \DeclareUnicodeCharacter{2017}{\textdbllowline}  
5402 \DeclareUnicodeCharacter{207F}{\textnsuperior}  
5403 \DeclareUnicodeCharacter{20A7}{\textpeseta}  
5404 \DeclareUnicodeCharacter{2202}{\textpartial}  
5405 \DeclareUnicodeCharacter{2206}{\textincrement}  
5406 \DeclareUnicodeCharacter{2208}{\textelement}  
5407 \DeclareUnicodeCharacter{220F}{\textproduct}  
5408 \DeclareUnicodeCharacter{2211}{\textsummation}  
5409 \DeclareUnicodeCharacter{2219}{\textbullet}  
5410 \DeclareUnicodeCharacter{221A}{\textsurd}  
5411 \DeclareUnicodeCharacter{221E}{\textinfinity}  
5412 \DeclareUnicodeCharacter{2227}{\textcap}  
5413 \DeclareUnicodeCharacter{2229}{\textintersection}  
5414 \DeclareUnicodeCharacter{222B}{\textintegral}  
5415 \DeclareUnicodeCharacter{222E}{\textcontourintegral}  
5416 \DeclareUnicodeCharacter{2248}{\textapproxequal}  
5417 \DeclareUnicodeCharacter{2260}{\textnotequal}  
5418 \DeclareUnicodeCharacter{2261}{\textequivalence}  
5419 \DeclareUnicodeCharacter{2264}{\textlessequal}  
5420 \DeclareUnicodeCharacter{2265}{\textgreaterequal}  
5421 \DeclareUnicodeCharacter{2310}{\textrevlogicalnot}  
5422 \DeclareUnicodeCharacter{25A0}{\textblacksquare}  
5423 \DeclareUnicodeCharacter{25CA}{\textlozenge}  
5424 \DeclareUnicodeCharacter{FB01}{fi}  
5425 \DeclareUnicodeCharacter{FB02}{fl}  
5426 \DeclareUnicodeCharacter{2500}{\textSFx}  
5427 \DeclareUnicodeCharacter{2502}{\textSFxi}  
5428 \DeclareUnicodeCharacter{250C}{\textSFi}  
5429 \DeclareUnicodeCharacter{2510}{\textSFiii}  
5430 \DeclareUnicodeCharacter{2514}{\textSFii}  
5431 \DeclareUnicodeCharacter{2518}{\textSFiv}  
5432 \DeclareUnicodeCharacter{251C}{\textSFviii}  
5433 \DeclareUnicodeCharacter{2524}{\textSFix}  
5434 \DeclareUnicodeCharacter{252C}{\textSFvi}  
5435 \DeclareUnicodeCharacter{2534}{\textSFvii}  
5436 \DeclareUnicodeCharacter{253C}{\textSFv}  
5437 \DeclareUnicodeCharacter{2550}{\textSFxliii}  
5438 \DeclareUnicodeCharacter{2551}{\textSFxxiv}  
5439 \DeclareUnicodeCharacter{2552}{\textSFli}  
5440 \DeclareUnicodeCharacter{2553}{\textSFlii}  
5441 \DeclareUnicodeCharacter{2554}{\textSFxxxix}  
5442 \DeclareUnicodeCharacter{2555}{\textSFxxii}  
5443 \DeclareUnicodeCharacter{2556}{\textSFxxi}  
5444 \DeclareUnicodeCharacter{2557}{\textSFxxv}  
5445 \DeclareUnicodeCharacter{2558}{\textSFl}  
5446 \DeclareUnicodeCharacter{2559}{\textSFlix}  
5447 \DeclareUnicodeCharacter{255A}{\textSFxxxviii}  
5448 \DeclareUnicodeCharacter{255B}{\textSFxxxviii}  
5449 \DeclareUnicodeCharacter{255C}{\textSFxxvii}  
5450 \DeclareUnicodeCharacter{255D}{\textSFxxvi}

```

5451 \DeclareUnicodeCharacter{255E}{\textSFxxxvi}
5452 \DeclareUnicodeCharacter{255F}{\textSFxxxvii}
5453 \DeclareUnicodeCharacter{2560}{\textSFxlili}
5454 \DeclareUnicodeCharacter{2561}{\textSFxlix}
5455 \DeclareUnicodeCharacter{2562}{\textSFxx}
5456 \DeclareUnicodeCharacter{2563}{\textSFxxiii}
5457 \DeclareUnicodeCharacter{2564}{\textSFxlvi}
5458 \DeclareUnicodeCharacter{2565}{\textSFxlvi}
5459 \DeclareUnicodeCharacter{2566}{\textSFxli}
5460 \DeclareUnicodeCharacter{2567}{\textSFxlv}
5461 \DeclareUnicodeCharacter{2568}{\textSFxlvi}
5462 \DeclareUnicodeCharacter{2569}{\textSFxl}
5463 \DeclareUnicodeCharacter{256A}{\textSFli}
5464 \DeclareUnicodeCharacter{256B}{\textSFliii}
5465 \DeclareUnicodeCharacter{256C}{\textSFxliv}
5466 \DeclareUnicodeCharacter{2580}{\textupblock}
5467 \DeclareUnicodeCharacter{2584}{\textdnblock}
5468 \DeclareUnicodeCharacter{2588}{\textblock}
5469 \DeclareUnicodeCharacter{258C}{\textlfblock}
5470 \DeclareUnicodeCharacter{2590}{\textrtblock}
5471 \DeclareUnicodeCharacter{2591}{\textltshade}
5472 \DeclareUnicodeCharacter{2592}{\textshade}
5473 \DeclareUnicodeCharacter{2593}{\textdkshade}
5474 </dfu>

```

## 2.7 Name list

```

5475 <*name>
5476 \ProvidesFile{ix-name.def}%
5477 [2010/01/11 v1.6 Name list (inputenx)]%

```

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

```

5478 </name>

```

## 2.8 Mapping Slot, UC to Encodings

```

5479 <*slot>
5480 \ProvidesFile{ix-slot.def}%
5481 [2010/01/11 v1.6 SLOT and UC to Encodings (inputenx)]%

```

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

```

5482 </slot>

```

## 2.9 Mapping UC to LICR

```

5483 <*uc>
5484 \ProvidesFile{ix-uc.def}%
5485 [2010/01/11 v1.6 UC to LICR (inputenx)]%
5486 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5487 \makeatletter

```

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

```

5488 \RestoreAtCatcode
5489 </uc>

```

## 2.10 Math meaning declarations

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

```

5490 <*math>
5491 \ProvidesFile{ix-math.def}%
5492 [2010/01/11 v1.6 Math list (inputenx)]%
5493 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
5494 \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`.

```

5495 \DeclareMathMeaning{\ss}{\beta}

5496 \DeclareMathMeaning{\textalpha}{\alpha}
5497 \DeclareMathMeaning{\textapproxequal}{\approx}
5498 \DeclareMathMeaning{\textbardbl}{\Vert}% = \l
5499 \DeclareMathMeaning{\textbeta}{\beta}
5500 \DeclareMathMeaning{\textbullet}{\bullet}
5501 \DeclareMathMeaning{\textcap}{\cap}
5502 \DeclareMathMeaning{\textcontourintegral}{\oint}
5503 \DeclareMathMeaning{\textcopyright}{\nfss@text{\textcopyright}}
5504 \DeclareMathMeaning{\textcup}{\cup}
5505 \DeclareMathMeaning{\textdagger}{\dagger}
5506 \DeclareMathMeaning{\textdaggerdbl}{\ddagger}
5507 \DeclareMathMeaning{\textdegree}{\textcircled{}}
5508 \DeclareMathMeaning{\textdelta}{\delta}
5509 \DeclareMathMeaning{\textdollar}{\mathdollar}
5510 \DeclareMathMeaning{\textepsilon}{\varepsilon}
5511 \DeclareMathMeaning{\textequivalence}{\equiv}
5512 \DeclareMathMeaning{\textbraceleft}{\lbrace}
5513 \DeclareMathMeaning{\textbraceright}{\rbrace}
5514 \DeclareMathMeaning{\textdiv}{\div}
5515 \DeclareMathMeaning{\textdownarrow}{\downarrow}
5516 \DeclareMathMeaning{\textelement}{\in}
5517 \DeclareMathMeaning{\textellipsis}{\mathellipsis}
5518 \DeclareMathMeaning{\textGamma}{\Gamma}
5519 \DeclareMathMeaning{\textgreaterequal}{\geq}
5520 \DeclareMathMeaning{\textincrement}{\Delta}
5521 \DeclareMathMeaning{\textinfinity}{\infty}
5522 \DeclareMathMeaning{\textintegral}{\int}
5523 \DeclareMathMeaning{\textintersection}{\cap}
5524 \DeclareMathMeaning{\textlangle}{\langle}
5525 \DeclareMathMeaning{\textleftarrow}{\leftarrow}
5526 \DeclareMathMeaning{\textlessequal}{\leq}
5527 \DeclareMathMeaning{\textlnot}{\lnot}
5528 \DeclareMathMeaning{\textlogicalnot}{\lnot}
5529 \DeclareMathMeaning{\textlozenge}{\diamond}
5530 \DeclareMathMeaning{\textmu}{\mu}
5531 \DeclareMathMeaning{\textnotequal}{\neq}
5532 \DeclareMathMeaning{\textnsuperior}{\sup}
5533 \DeclareMathMeaning{\textohm}{\Omega}
5534 \DeclareMathMeaning{\textOmega}{\Omega}
5535 \DeclareMathMeaning{\textonehalf}{\frac{1}{2}}
5536 \DeclareMathMeaning{\textonequarter}{\frac{1}{4}}
5537 \DeclareMathMeaning{\textonesuperior}{\sup}
5538 \DeclareMathMeaning{\textopenbullet}{\circ}
5539 \DeclareMathMeaning{\textparagraph}{\mathparagraph}
5540 \DeclareMathMeaning{\textpartial}{\partial}
5541 \DeclareMathMeaning{\textPhi}{\Phi}
5542 \DeclareMathMeaning{\textphi}{\phi}
5543 \DeclareMathMeaning{\textpi}{\pi}
5544 \DeclareMathMeaning{\textproduct}{\prod}
5545 \DeclareMathMeaning{\textrtriangle}{\rtriangle}
5546 \DeclareMathMeaning{\textrevlogicalnot}{\nfss@text{\textrevlogicalnot}}
5547 \DeclareMathMeaning{\textrightarrow}{\rightarrow}
5548 \DeclareMathMeaning{\textsection}{\mathsection}
5549 \DeclareMathMeaning{\textSigma}{\Sigma}
5550 \DeclareMathMeaning{\textsigma}{\sigma}
5551 \DeclareMathMeaning{\textsterling}{\mathsterling}
5552 \DeclareMathMeaning{\textsummation}{\sum}
5553 \DeclareMathMeaning{\textsurd}{\surd}

```



```

5554 \DeclareMathMeaning{\texttau}{\tau}
5555 \DeclareMathMeaning{\textTheta}{\Theta}
5556 \DeclareMathMeaning{\textthreequarters}{\frac34}
5557 \DeclareMathMeaning{\textthreesuperior}{^3}
5558 \DeclareMathMeaning{\texttwosuperior}{^2}
5559 \DeclareMathMeaning{\textuparrow}{\uparrow}

5560 \RestoreAtCatcode
5561 \/\math)

```

## 2.11 Documentation files

### 2.11.1 List of known LICR commands

This is the list of commands for use in LICR that are already defined by standard L<sup>A</sup>T<sub>E</sub>X without extra packages.

```

5562 <*licrcmds)
5563 % List of known LICR cmddands of inputex 2010/01/11 v1.6
5564 %
5565 % Format: \LICRcmd{<command>}{<type>}
5566 % Types:
5567 %   Accent:   <command> was defined by \DeclareTextAccentDefault
5568 %   Command:  <command> was defined by \DeclareTextCommandDefault
5569 %   Symbol:   <command> was defined by \DeclareTextSymbolDefault
5570 %   Internal: for \@tabacckludge
5571 %   Extra:    additional commands
5572 %
5573 % Entries derived from the 2ekernel part
5574 % of ltoutenc.dtx 2005/11/08 v1.99h.
5575 %
5576 \LICRcmd{\ }{Extra}
5577 \LICRcmd{"}{Composite}
5578 \LICRcmd{'}{Composite}
5579 \LICRcmd{-}{Extra}
5580 \LICRcmd{.}{Composite}
5581 \LICRcmd{=}{Accent}
5582 \LICRcmd{\@tabacckludge}{Internal}
5583 \LICRcmd{\AE}{Symbol}
5584 \LICRcmd{\DH}{Symbol}
5585 \LICRcmd{\DJ}{Symbol}
5586 \LICRcmd{\H}{Composite}
5587 \LICRcmd{\IJ}{Symbol}
5588 \LICRcmd{\L}{Symbol}
5589 \LICRcmd{\NG}{Symbol}
5590 \LICRcmd{\O}{Symbol}
5591 \LICRcmd{\OE}{Symbol}
5592 \LICRcmd{\SS}{Symbol}
5593 \LICRcmd{\TH}{Symbol}
5594 \LICRcmd{\^}{Composite}
5595 \LICRcmd{\'}{Composite}
5596 \LICRcmd{\ae}{Symbol}
5597 \LICRcmd{\b}{Command}
5598 \LICRcmd{\c}{Composite}
5599 \LICRcmd{\d}{Command}
5600 \LICRcmd{\dh}{Symbol}
5601 \LICRcmd{\dj}{Symbol}
5602 \LICRcmd{\guillemotleft}{Symbol}
5603 \LICRcmd{\guillemotright}{Symbol}
5604 \LICRcmd{\guilsinglleft}{Symbol}
5605 \LICRcmd{\guilsinglright}{Symbol}
5606 \LICRcmd{\i}{Symbol}
5607 \LICRcmd{\ij}{Symbol}
5608 \LICRcmd{\j}{Symbol}

```

```

5609 \LICRcmd{\k}{CompositeCommand}
5610 \LICRcmd{\l}{Symbol}
5611 \LICRcmd{\ng}{Symbol}
5612 \LICRcmd{\nobreakspace}{Extra}
5613 \LICRcmd{\o}{Symbol}
5614 \LICRcmd{\oe}{Symbol}
5615 \LICRcmd{\quotedblbase}{Symbol}
5616 \LICRcmd{\quotesinglbase}{Symbol}
5617 \LICRcmd{\r}{Composite}
5618 \LICRcmd{\ss}{Symbol}
5619 \LICRcmd{\t}{Accent}
5620 \LICRcmd{\textasciicircum}{Symbol}
5621 \LICRcmd{\textasciitilde}{Symbol}
5622 \LICRcmd{\textasteriskcentered}{Symbol}
5623 \LICRcmd{\textbackslash}{Symbol}
5624 \LICRcmd{\textbar}{Symbol}
5625 \LICRcmd{\textbardbl}{Symbol}
5626 \LICRcmd{\textbigcircle}{Symbol}
5627 \LICRcmd{\textbraceleft}{Symbol}
5628 \LICRcmd{\textbraceright}{Symbol}
5629 \LICRcmd{\textbullet}{Symbol}
5630 \LICRcmd{\textcircled}{Command}
5631 \LICRcmd{\textcompwordmark}{Symbol}
5632 \LICRcmd{\textcopyright}{CommandDefault}
5633 \LICRcmd{\textdagger}{Symbol}
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5635 \LICRcmd{\textdollar}{Symbol}
5636 \LICRcmd{\textellipsis}{CommandDefault}
5637 \LICRcmd{\textendash}{Symbol}
5638 \LICRcmd{\textendash}{Symbol}
5639 \LICRcmd{\textexclamdown}{Symbol}
5640 \LICRcmd{\textgreater}{Symbol}
5641 \LICRcmd{\textless}{Symbol}
5642 \LICRcmd{\textogonekcentered}{Command}
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5654 \LICRcmd{\textquoteright}{Symbol}
5655 \LICRcmd{\textregistered}{CommandDefault}
5656 \LICRcmd{\textsection}{Symbol}
5657 \LICRcmd{\textsterling}{Symbol}
5658 \LICRcmd{\texttrademark}{CommandDefault}
5659 \LICRcmd{\textunderscore}{Symbol}
5660 \LICRcmd{\textvisiblespace}{Symbol}
5661 \LICRcmd{\th}{Symbol}
5662 \LICRcmd{\u}{Composite}
5663 \LICRcmd{\v}{Composite}
5664 \LICRcmd{\~}{Composite}
5665 </licrcmds>

```

### 2.11.2 Commented additions for utf8enc.dfu

```

5666 < *dfudoc >
5667 % inputenx-utf8enc.txt 2010/01/11 v1.6
5668 % Commented additions for utf8enc.dfu

```

List omitted here, see *inputenx-utf8enc.txt*.  
5670  $\langle$ /dfudoc $\rangle$

## 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/
```

### 3.3 Package installation

**Unpacking.** The `.dtx` file is a self-extracting docstrip archive. The files are extracted by running the `.dtx` through plain T<sub>E</sub>X:

```
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):

---

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

<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>
<code>x-iso-8859-1.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-1.def</code>
<code>x-iso-8859-2.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-2.def</code>
<code>x-iso-8859-3.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-3.def</code>
<code>x-iso-8859-4.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-4.def</code>
<code>x-iso-8859-5.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-5.def</code>
<code>x-iso-8859-8.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-8.def</code>
<code>x-iso-8859-9.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-9.def</code>
<code>x-iso-8859-10.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-10.def</code>
<code>x-iso-8859-13.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-13.def</code>
<code>x-iso-8859-14.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-14.def</code>
<code>x-iso-8859-15.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-15.def</code>
<code>x-iso-8859-16.def</code>	<code>→ tex/latex/oberdiek/x-iso-8859-16.def</code>
<code>x-cp437.def</code>	<code>→ tex/latex/oberdiek/x-cp437.def</code>
<code>x-cp850.def</code>	<code>→ tex/latex/oberdiek/x-cp850.def</code>
<code>x-cp852.def</code>	<code>→ tex/latex/oberdiek/x-cp852.def</code>
<code>x-cp855.def</code>	<code>→ tex/latex/oberdiek/x-cp855.def</code>
<code>x-cp858.def</code>	<code>→ tex/latex/oberdiek/x-cp858.def</code>
<code>x-cp865.def</code>	<code>→ tex/latex/oberdiek/x-cp865.def</code>
<code>x-cp866.def</code>	<code>→ tex/latex/oberdiek/x-cp866.def</code>
<code>x-cp1250.def</code>	<code>→ tex/latex/oberdiek/x-cp1250.def</code>
<code>x-cp1251.def</code>	<code>→ tex/latex/oberdiek/x-cp1251.def</code>
<code>x-cp1252.def</code>	<code>→ tex/latex/oberdiek/x-cp1252.def</code>
<code>x-cp1257.def</code>	<code>→ tex/latex/oberdiek/x-cp1257.def</code>
<code>x-dec-mcs.def</code>	<code>→ tex/latex/oberdiek/x-dec-mcs.def</code>
<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 (`teTeX`, `mikTeX`, ...) relies on file name databases, you must refresh these. For example, `teTeX` users run `texhash` or `mktexlsr`.

### 3.5 Some details for the interested

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

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

**Unpacking with L<sup>A</sup>T<sub>E</sub>X.** The .dtx chooses its action depending on the format:

**plain T<sub>E</sub>X:** Run docstrip and extract the files.

**L<sup>A</sup>T<sub>E</sub>X:** Generate the documentation.

If you insist on using L<sup>A</sup>T<sub>E</sub>X for docstrip (really, docstrip does not need L<sup>A</sup>T<sub>E</sub>X), 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 pdfL<sup>A</sup>T<sub>E</sub>X:

```
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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- [2] Alan Jeffrey, Frank Mittelbach, *inputenc.sty*, 2006/05/05 v1.1b. [CTAN:macros/latex/base/inputenc.dtx](#)
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- [4] Heiko Oberdiek, *The pmboxdraw package*, 2006/05/03 v1.0. [CTAN:macros/latex/contrib/oberdiek/pmboxdraw.pdf](#)
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### 4.1 Mappings to Unicode

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- [8] Ken Whistler, *ISO/IEC 8859-2:1999 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-2.TXT>
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- [17] Apple Computer, *Map (external version) from MAC OS Central European character set to Unicode 2.1 and later*, 4th April 2005. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/APPLE/CENTEURO.TXT>
- [18] Apple Computer, *Map (external version) from MAC OS Cyrillic character set to Unicode 2.1 and later*, 5th April 2005. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/APPLE/CYRILLIC.TXT>
- [19] Apple Computer, *Map (external version) from MAC OS Roman character set to Unicode 2.1 and later*, 5th April 2005. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/APPLE/ROMAN.TXT>
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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:  $\text{\^j} \rightarrow \text{\^}\text{\j}$  (Behnam Tabatabai).

### [2009/08/13 v1.4]

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

[2009/12/15 v1.5]

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

[2010/01/11 v1.6]

- \BeforeInputEncoding and \AfterInputEncoding added.
- Documentation added.

## 6 Index

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

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<code>\textSFxxii</code>	2251, 3238, 3397, 4374, 5442	405, 3538, 3707, 3901, 4088, 4552, 4743, 4968, 5658
<code>\textSFxxiii</code>	2252, 2460, 2628, 2783, 2996, 3239, 3398, 4389, 5456	<code>\textTstroke</code>
<code>\textSFxxiv</code>	2253, 2461, 2629, 2784, 2997, 3240, 3399, 4369, 5438	900, 901, 945, 1447, 1448, 1473, 5312
<code>\textSFxxv</code>	2254, 2462, 2630, 2785, 2998, 3241, 3400, 4376, 5444	<code>\texttstroke</code>
<code>\textSFxxvi</code>	2255, 2463, 2631, 2786, 2999, 3242, 3401, 4382, 5450	930, 931, 961, 1459, 1460, 1489, 5313
<code>\textSFxxvii</code>	2256, 3243, 3402, 4381, 5449	<code>\texttwosuperior</code>
<code>\textSFxxviii</code>	2257, 3244, 3403, 4380, 5448	336, 465, 526, 550, 801, 820, 1216, 1239, 1338, 1362, 1607, 1628, 1849, 1873, 2189, 2318, 2397, 2528, 2933, 3064, 3179, 3305, 3874, 3925, 4067, 4108, 4220, 4237, 4335, 4365, 5126, 5205, 5558
<code>\textSFxxxix</code>	2268, 2476, 2644, 2799, 3012, 3255, 3414, 4373, 5441	<code>\textunderscore</code>
<code>\textSFxxxvi</code>	2265, 3252, 3411, 4383, 5451	1173, 1176,
<code>\textSFxxxvii</code>	2266, 3253, 3412, 4384, 5452	
<code>\textSFxxxviii</code>	2267, 2475, 2643, 2798, 3011, 3254, 3413, 4379, 5447	
<code>\textshade</code>	2244, 2452, 2620, 2775, 2988, 3231, 3390, 4355, 5472	
<code>\textSigma</code>	225, 442, 2093, 2295, 3083, 3282, 5358, 5549	
<code>\textsigma</code>	324, 443, 2180, 2296, 3170, 3283, 5366, 5550	
<code>\textsterling</code>	370, 535, 807, 1224, 1347, 1613, 1716, 1858, 2223, 2431,	

1178, 1180, 2351, 2354, 2356, 2358, 2884, 2887, 2889, 2891, 5659	
<code>\textuparrow</code> . . . . .	5559
<code>\textupblock</code> . . . . .	2290, 2498, 2666, 2821, 3034, 3277, 3436, 4349, 5466
<code>\textvisiblespace</code> . . . . .	5660
<code>\textyen</code> . . . . .	339, 340, 371, 529, 530, 537, 1219, 1220, 1226, 1341, 1342, 1349, 1852, 1853, 1860, 2192, 2193, 2224, 2400, 2401, 2465, 2936, 2937, 3001, 3877, 3878, 3912, 4223, 4224, 4229, 4923, 4924, 4978, 5129, 5130, 5169
<code>\TH</code> . . . . .	594, 1524, 1917, 2507, 3043, 3969, 5160, 5593
<code>\th</code> . . . . .	626, 1556, 1949, 2506, 3042, 4001, 5256, 5661
<code>\the</code> . . . . .	214, 473, 633, 763, 898, 1034, 1151, 1285, 1445, 1563, 1711, 1814, 1956, 2082, 2326, 2536, 2704, 2859, 3072, 3313, 3474, 3646, 3815, 4008, 4191, 4312, 4469, 4643, 4834, 5058, 5486, 5493
<code>\Theta</code> . . . . .	229, 2097, 3087, 5555
<code>\times</code> . . . . .	524, 660, 799, 928, 1214, 1336, 1605, 1847, 2395, 2569, 2931, 3516, 3872, 4065, 5124
<b>U</b>	
<code>\u</code> . . . . .	642, 697, 729, 769, 814, 829, 860, 890, 1392, 1424, 2016, 2048, 2545, 2641, 2642, 3483, 3580, 3612, 4849, 5067, 5318, 5319, 5662
<code>\uparrow</code> . . . . .	5559
<b>V</b>	
<code>\v</code> . . . . .	645, 667, 671, 673, 676, 683, 687, 689, 692, 702, 706, 709, 712, 718, 734, 738, 741, 744, 750, 907, 942, 947, 958, 960, 963, 973, 1005, 1472, 1474, 1481, 1488, 1490, 1502, 1534, 1650, 1658, 1672, 1682, 1686, 1690, 1704, 1861, 1863, 1875, 1879, 1987, 1989, 1999, 2001, 2005, 2006, 2548, 2592, 2593, 2598, 2599, 2602, 2609, 2610, 2615, 2626, 2653, 2655, 2656, 2659, 2672, 2673, 2674, 2695, 2696, 3486, 3525, 3528, 3529, 3539, 3542, 3543, 3573, 3575, 3585, 3589, 3592, 3595, 3601, 3617, 3621, 3624, 3627, 3633, 3889, 3892, 3902, 3905, 4014, 4130, 4138, 4152, 4162, 4166, 4170, 4184, 4472, 4519, 4521, 4527, 4529, 4539, 4540, 4556, 4569, 4570, 4579, 4585, 4601, 4604, 4607, 4610, 4614, 4615, 4617, 4618, 4852, 5070, 5286, 5663
<code>\varepsilon</code> . . . . .	2121, 3111, 5510
<code>\Vert</code> . . . . .	5498
<code>\vrule</code> . . . . .	2106, 2338, 2554, 2707, 2871, 3096, 3316, 4318
<b>Z</b>	
<code>\z@</code> . . . . .	1040, 1965, 2716, 3328, 3670, 4685