

# The inputenx package

Heiko Oberdiek  
<oberdiek@uni-freiburg.de>

2009/12/15 v1.5

## Abstract

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

## Contents

<b>1</b>	<b>Documentation</b>	<b>2</b>
1.1	Definition files	3
1.2	Unicode	4
1.3	Math	4
1.4	ToDo	4
<b>2</b>	<b>Implementation</b>	<b>4</b>
2.1	Identification	4
2.2	Encoding names	4
2.2.1	Record current encoding names	4
2.2.2	Aliases for encoding names	5
2.3	Package options	6
2.3.1	Declare and process options	6
2.3.2	Load inputenc with encoding options	6
2.3.3	\InputEncoding	6
2.3.4	Option math	6
2.4	Alias encoding file	7
2.5	Encoding files	8
2.5.1	Encoding ascii	8
2.5.2	Encoding atarist	8
2.5.3	Encoding iso-8859-1	12
2.5.4	Encoding iso-8859-2	15
2.5.5	Encoding iso-8859-3	17
2.5.6	Encoding iso-8859-4	19
2.5.7	Encoding iso-8859-5	21
2.5.8	Encoding iso-8859-8	23
2.5.9	Encoding iso-8859-9	25
2.5.10	Encoding iso-8859-10	28
2.5.11	Encoding iso-8859-13	30
2.5.12	Encoding iso-8859-14	32
2.5.13	Encoding iso-8859-15	34
2.5.14	Encoding iso-8859-16	36
2.5.15	Encoding cp437	38
2.5.16	Encoding cp850	42
2.5.17	Encoding cp852	46
2.5.18	Encoding cp855	48
2.5.19	Encoding cp858	51

2.5.20	Encoding cp865	54
2.5.21	Encoding cp866	58
2.5.22	Encoding cp1250	61
2.5.23	Encoding cp1251	64
2.5.24	Encoding cp1252	66
2.5.25	Encoding cp1257	69
2.5.26	Encoding dec-mcs	72
2.5.27	Encoding koi8-r	74
2.5.28	Encoding mac-centeuro	77
2.5.29	Encoding mac-cyrillic	80
2.5.30	Encoding mac-roman	83
2.5.31	Encoding nextstep	87
2.5.32	Non-Unicode additions	90
2.6	Additions for <code>utf8enc.dfu</code>	90
2.7	Name list	93
2.8	Mapping Slot, UC to Encodings	93
2.9	Mapping UC to LICR	94
2.10	Math meaning declarations	94
2.11	Documentation files	95
2.11.1	List of known LICR commands	95
2.11.2	Commented additions for <code>utf8enc.dfu</code>	97
<b>3</b>	<b>Installation</b>	<b>97</b>
3.1	Download	97
3.2	Bundle installation	97
3.3	Package installation	98
3.4	Refresh file name databases	99
3.5	Some details for the interested	99
<b>4</b>	<b>References</b>	<b>99</b>
4.1	Mappings to Unicode	100
<b>5</b>	<b>History</b>	<b>100</b>
[2006/03/05 v1.0]		100
[2007/04/11 v1.1]		101
[2007/06/16 v1.2]		101
[2007/08/16 v1.3]		101
[2009/08/13 v1.4]		101
[2009/12/15 v1.5]		101
<b>6</b>	<b>Index</b>	<b>101</b>

## 1 Documentation

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

The first stage with encoding definition files is implemented. Encoding definition files are provided with the following properties in comparison to  $\text{\LaTeX}$ '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  $\text{\LaTeX}$  Companion” [1]. That means that the deprecated `\DeclareInputMath` is not longer used. Instead package `inpmath` is supported by providing declarations using `\DeclareMathMeaning`.

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

## 1.1 Definition files

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

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

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

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

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

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

Some characters need extra packages:

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

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

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

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

For the following characters I didn't find suitable LICR (L<sup>A</sup>T<sub>E</sub>X Internal Character Representation):

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

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

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

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

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

## 1.2 Unicode

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

## 1.3 Math

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

## 1.4 ToDo

- Documentation.

# 2 Implementation

## 2.1 Identification

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

## 2.2 Encoding names

### 2.2.1 Record current encoding names

`\CurrentInputEncodingName`

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

`\CurrentInputEncodingOption`

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

## 2.2.2 Aliases for encoding names

```

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

```

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

```

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

```

```

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

```

## 2.3 Package options

### 2.3.1 Declare and process options

```

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

```

### 2.3.2 Load inputenc with encoding options

```

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

```

### 2.3.3 \InputEncoding

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

```

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

```

### 2.3.4 Option `math`

```

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

```

## 2.4 Alias encoding file

```

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

```

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

```

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

```

Now the real aliases start:

```

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

```

```

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

```

## 2.5 Encoding files

### 2.5.1 Encoding ascii

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

```

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

```

### 2.5.2 Encoding atarist

```

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

```



```

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

```

```

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

```

```

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

```

```

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

```

### 2.5.3 Encoding iso-8859-1

```

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

```

```

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

```

```

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

```

```

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

```

#### 2.5.4 Encoding iso-8859-2

```

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

```

```

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

```



```

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

```

### 2.5.5 Encoding iso-8859-3

```

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

```

```

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

```

```

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

```

## 2.5.6 Encoding iso-8859-4

```

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

```

```

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

```

```

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

```

### 2.5.7 Encoding iso-8859-5

```

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

```

```

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

```

```

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

```

### 2.5.8 Encoding iso-8859-8

```

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

```

```

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

```



```

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

```

### 2.5.9 Encoding iso-8859-9

```

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

```

```

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

```

```

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

```

```

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

```

#### 2.5.10 Encoding iso-8859-10

```

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

```

```

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

```

```

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

```

### 2.5.11 Encoding iso-8859-13

```

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

```

```

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

```

```

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

```

## 2.5.12 Encoding iso-8859-14

```

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

```



```

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

```

```

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

```

### 2.5.13 Encoding iso-8859-15

```

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

```

```

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

```

```

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

```

## 2.5.14 Encoding iso-8859-16

```

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

```

```

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

```

```

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

```

### 2.5.15 Encoding cp437

```

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

```

```

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

```

```

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

```



```

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

```

```

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

```

## 2.5.16 Encoding cp850

```

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

```

```

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

```

```

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

```

```

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

```

```

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

2.5.17 Encoding cp852

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

```

```

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

```

```

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

```

### 2.5.18 Encoding cp855

```

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

```



```

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

```

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

```

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

```

### 2.5.19 Encoding cp858

```

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

```

```

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

```

```

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

```

```

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

```

## 2.5.20 Encoding cp865

```

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

```

```

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

```

```

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

```



```

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

```

```

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

```

## 2.5.21 Encoding cp866

```

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

```

```

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

```

```

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

```

```

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

```

## 2.5.22 Encoding cp1250

```

3448 \<cp1250>
3449 \ProvidesFile{x-cp1250.def}%
3450 [2009/12/15 v1.5 Input encoding cp1250 (inputenx)]%
3451 \edef\RestoreAtCatcode{\catcode64=\the\catcode64\relax}
3452 \makeatletter
3453 \ProvideTextCommandDefault{\textacutedbl}{%
3454   \H{}}%
3455 }
3456 \ProvideTextCommandDefault{\textasciicute}{%
3457   \@tabacckludge'}%
3458 }
3459 \ProvideTextCommandDefault{\textasciibreve}{%
3460   \u{}}%
3461 }
3462 \ProvideTextCommandDefault{\textasciicaron}{%
3463   \v{}}%
3464 }
3465 \ProvideTextCommandDefault{\textasciidieresis}{%
3466   \"{}}%
3467 }
3468 \ProvideTextCommandDefault{\textbrokenbar}{%
3469   \TextSymbolUnavailable\textbrokenbar
3470 }
3471 \ProvideTextCommandDefault{\textcurrency}{%
3472   \TextSymbolUnavailable\textcurrency
3473 }
3474 \ProvideTextCommandDefault{\textdegree}{%
3475   \ensuremath{\^{\circ}}}%
3476 }
3477 \ProvideTextCommandDefault{\textdiv}{%
3478   \TextSymbolUnavailable\textdiv
3479 }
3480 \ProvideTextCommandDefault{\texteuro}{%
3481   \TextSymbolUnavailable\texteuro
3482 }
3483 \ProvideTextCommandDefault{\textlnot}{%
3484   \ensuremath{\lnot}
3485 }
3486 \ProvideTextCommandDefault{\textmu}{%
3487   \ensuremath{\mu}
3488 }
3489 \ProvideTextCommandDefault{\textpm}{%

```

```

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

```

```

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

```

```

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

2.5.23 Encoding cp1251

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

```



```

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

```

```

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

```

## 2.5.24 Encoding cp1252

```

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

```

```

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

```

```

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

```

```

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

```

## 2.5.25 Encoding cp1257

```

3982 \<*cp1257>

```

```

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

```

```

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

```

```

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

```

## 2.5.26 Encoding dec-mcs

```

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

```



```

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

```

```

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

```

## 2.5.27 Encoding koi8-r

```

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

```

```

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

```

```

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

```

```

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

```

## 2.5.28 Encoding mac-centeuro

```

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

```

```

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

```

```

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

```

```

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

```

## 2.5.29 Encoding mac-cyrillic

```

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

```



```

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

```

```

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

```

```

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

```

### 2.5.30 Encoding mac-roman

```

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

```

```

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

```

```

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

```

```

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

```

### 2.5.31 Encoding nextstep

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

```

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

```



```

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

```

```

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

```

### 2.5.32 Non-Unicode additions

```

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

```

## 2.6 Additions for utf8enc.dfu

```

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

```

```

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

```

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

```

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

```

## 2.7 Name list

```

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

```

## 2.8 Mapping Slot, UC to Encodings

```

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

```

## 2.9 Mapping UC to LICR

```

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

```

## 2.10 Math meaning declarations

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

```

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

```

```

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

5537 \RestoreAtCatcode
5538 \math

```

## 2.11 Documentation files

### 2.11.1 List of known LICR commands

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

```

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

```

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



```

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

```

### 2.11.2 Commented additions for utf8enc.dfu

```

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

```

## 3 Installation

### 3.1 Download

**Package.** This package is available on 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
```

---

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

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

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

### 3.3 Package installation

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

```
tex inputenx.dtx
```

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

<code>inputenx.sty</code>	$\rightarrow$ <code>tex/latex/oberdiek/inputenx.sty</code>
<code>ix-alias.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-alias.def</code>
<code>ix-math.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-math.def</code>
<code>ix-name.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-name.def</code>
<code>ix-slot.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-slot.def</code>
<code>ix-uc.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-uc.def</code>
<code>ix-utf8enc.dfu</code>	$\rightarrow$ <code>tex/latex/oberdiek/ix-utf8enc.dfu</code>
<code>x-ascii.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-ascii.def</code>
<code>x-atarist.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-atarist.def</code>
<code>x-iso-8859-1.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-1.def</code>
<code>x-iso-8859-2.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-2.def</code>
<code>x-iso-8859-3.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-3.def</code>
<code>x-iso-8859-4.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-4.def</code>
<code>x-iso-8859-5.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-5.def</code>
<code>x-iso-8859-8.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-8.def</code>
<code>x-iso-8859-9.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-9.def</code>
<code>x-iso-8859-10.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-10.def</code>
<code>x-iso-8859-13.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-13.def</code>
<code>x-iso-8859-14.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-14.def</code>
<code>x-iso-8859-15.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-15.def</code>
<code>x-iso-8859-16.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-iso-8859-16.def</code>
<code>x-cp437.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp437.def</code>
<code>x-cp850.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp850.def</code>
<code>x-cp852.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp852.def</code>
<code>x-cp855.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp855.def</code>
<code>x-cp858.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp858.def</code>
<code>x-cp865.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp865.def</code>
<code>x-cp866.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp866.def</code>
<code>x-cp1250.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp1250.def</code>
<code>x-cp1251.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp1251.def</code>
<code>x-cp1252.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp1252.def</code>
<code>x-cp1257.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-cp1257.def</code>
<code>x-dec-mcs.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-dec-mcs.def</code>
<code>x-koi8-r.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-koi8-r.def</code>
<code>x-mac-centeuro.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-mac-centeuro.def</code>
<code>x-mac-cyrillic.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-mac-cyrillic.def</code>
<code>x-mac-roman.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-mac-roman.def</code>
<code>x-nextstep.def</code>	$\rightarrow$ <code>tex/latex/oberdiek/x-nextstep.def</code>
<code>inputenx.pdf</code>	$\rightarrow$ <code>doc/latex/oberdiek/inputenx.pdf</code>
<code>inputenx-licrcmds.txt</code>	$\rightarrow$ <code>doc/latex/oberdiek/inputenx-licrcmds.txt</code>
<code>inputenx-utf8enc.txt</code>	$\rightarrow$ <code>doc/latex/oberdiek/inputenx-utf8enc.txt</code>
<code>inputenx.dtx</code>	$\rightarrow$ <code>source/latex/oberdiek/inputenx.dtx</code>

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

### 3.4 Refresh file name databases

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

### 3.5 Some details for the interested

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

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

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

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

**$\LaTeX$ :** Generate the documentation.

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

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

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

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

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

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

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

## 4 References

- [1] Frank Mittelbach, Michel Goossens, *The  $\LaTeX$  Companion*, second edition, April 2004.
- [2] Alan Jeffrey, Frank Mittelbach, *inputenc.sty*, 2006/05/05 v1.1b. [CTAN:macros/latex/base/inputenc.dtx](#)
- [3] Heiko Oberdiek, *The selinput package*, 2007/06/16 v1.1. [CTAN:macros/latex/contrib/oberdiek/selinput.pdf](#)
- [4] Heiko Oberdiek, *The pmboxdraw package*, 2006/05/03 v1.0. [CTAN:macros/latex/contrib/oberdiek/pmboxdraw.pdf](#)
- [5] Wikipedia, *Dash*. <http://en.wikipedia.org/wiki/Dash>

## 4.1 Mappings to Unicode

- [6] Philippe Verdy, Bruno Haible, *AtariST to Unicode*, 22th April 2005. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/ATARIST.TXT>
- [7] Ken Whistler, *ISO/IEC 8859-1:1998 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-1.TXT>
- [8] Ken Whistler, *ISO/IEC 8859-2:1999 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-2.TXT>
- [9] Ken Whistler, *ISO/IEC 8859-3:1999 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-3.TXT>
- [10] Ken Whistler, *ISO/IEC 8859-4:1998 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-4.TXT>
- [11] Ken Whistler, *ISO/IEC 8859-5:1998 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-5.TXT>
- [12] Ken Whistler, *ISO/IEC 8859-8:1999 to Unicode*, 3rd January 2000. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-8.TXT>
- [13] Ken Whistler, *ISO/IEC 8859-9:1999 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-9.TXT>
- [14] Ken Whistler, *ISO/IEC 8859-15:1999 to Unicode*, 27th July 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-15.TXT>
- [15] Ken Whistler, *ISO/IEC 8859-16:2001 to Unicode*, 26th July 2001. <ftp://ftp.unicode.org/Public/MAPPINGS/ISO8859/8859-16.TXT>
- [16] Helmut Richter, *KOI8-R (RFC1486) to Unicode*, 18th August 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/KOI8-R.TXT>
- [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>
- [20] Apple Computer, *Map (external version) from MAC OS Urainian character set to Unicode 2.1 and later*, 5th April 2005. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/APPLE/UKRAINE.TXT>
- [21] Rick McGowan, *NextStep Encoding to Unicode*, 23rd September 1999. <ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/NEXT/NEXTSTEP.TXT>

## 5 History

[2006/03/05 v1.0]

- First version.

## [2007/04/11 v1.1]

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

## [2007/06/16 v1.2]

- Documentation update.

## [2007/08/16 v1.3]

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

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

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

## [2009/12/15 v1.5]

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

## 6 Index

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

Symbols		3004, 3160, 3163, 3168, 3170, 3173, 3179, 3183, 3184, 3185, 3466, 3558, 3565, 3576, 3582, 3590, 3597, 3608, 3614, 3798, 3883, 3920, 3927, 3931, 3938, 3944, 3952, 3959, 3963, 3970, 3976, 3979, 3994, 4103, 4121, 4127, 4135, 4153, 4159, 4229, 4236, 4240, 4246, 4252, 4253, 4259, 4266, 4270, 4276, 4282, 4283, 4452, 4487, 4492, 4493, 4497, 4513, 4518, 4832, 4903, 4908, 4909, 4913, 4920, 4924, 4929, 4934, 4991, 4992, 5007, 5011, 5050, 5114, 5120, 5124, 5131, 5135, 5198, 5204, 5210, 5221, 5227, 5234, 5321, 5322, 5554
$\backslash$ "	218, 320, 323, 328, 330, 333, 339, 343, 344, 345, 456, 545, 552, 556, 563, 569, 577, 584, 588, 595, 601, 604, 625, 675, 682, 693, 699, 707, 714, 725, 731, 749, 813, 820, 824, 830, 836, 843, 850, 854, 860, 866, 887, 946, 953, 964, 970, 978, 985, 996, 1002, 1134, 1268, 1357, 1364, 1368, 1375, 1381, 1389, 1396, 1400, 1407, 1413, 1416, 1475, 1482, 1486, 1493, 1499, 1507, 1514, 1518, 1525, 1531, 1623, 1641, 1647, 1655, 1673, 1679, 1705, 1719, 1720, 1726, 1733, 1737, 1744, 1750, 1758, 1765, 1769, 1776, 1782, 1785, 1862, 1868, 1875, 1879, 1886, 1892, 1900, 1907, 1911, 1918, 1924, 1927, 1988, 1994, 2001, 2005, 2012, 2018, 2026, 2033, 2037, 2044, 2050, 2053, 2173, 2176, 2181, 2183, 2186, 2192, 2196, 2197, 2198, 2309, 2381, 2384, 2389, 2391, 2394, 2400, 2404, 2405, 2406, 2463, 2468, 2528, 2549, 2552, 2557, 2562, 2568, 2573, 2574, 2631, 2842, 2917, 2920, 2925, 2927, 2930, 2936, 2940, 2941, 2942, 2999,	$\backslash$ ' ..... 5555 $\backslash$ - .. 522, 652, 793, 923, 1040, 1211, 1334, 1452, 1600, 1703, 1845, 1971, 2492, 2660, 2815, 3028, 3535, 3704, 3897, 4080, 5247, 5556 $\backslash$ . .... 654, 670, 734, 789, 794, 809, 814, 829, 844, 859, 869, 954, 986, 1005, 1382, 1483, 1515, 1630, 1648, 1662, 1680, 1691, 1692, 1694, 1695, 1696, 1701, 1706, 1707, 1708, 1709, 1710, 1711, 1713, 1715, 1717, 1721, 1745, 1777, 1973, 1989, 2609, 2610, 2670,

3537, 3553, 3617, 4110, 4128,	1897, 1904, 1905, 1908, 1909,
4142, 4160, 4162, 4509, 4511,	1914, 1915, 1921, 1922, 1925,
4610, 4612, 5024, 5180, 5252,	1970, 1972, 1990, 1991, 1995,
5253, 5256, 5257, 5260, 5261,	1998, 1999, 2002, 2003, 2007,
5303, 5304, 5305, 5306, 5307,	2008, 2009, 2013, 2015, 2016,
5308, 5309, 5310, 5311, 5312,	2022, 2023, 2027, 2030, 2031,
5313, 5314, 5315, 5316, 5330, 5557	2034, 2035, 2039, 2040, 2041,
\= ..... 5558	2045, 2047, 2048, 2174, 2177,
\@M ..... 47, 53	2182, 2185, 2188, 2193, 2195,
\@depth ..... 2083, 2315,	2204, 2205, 2206, 2207, 2306,
2531, 2684, 2848, 3073, 3293, 4295	2312, 2382, 2385, 2390, 2393,
\@ehc ..... 37	2396, 2401, 2403, 2412, 2413,
\@empty 10, 20, 39, 40, 41, 78, 80, 89, 97	2414, 2415, 2433, 2435, 2464,
\@for ..... 87	2466, 2474, 2476, 2479, 2485,
\@height ..... 2083, 2315,	2487, 2488, 2489, 2519, 2550,
2531, 2684, 2848, 3073, 3293, 4295	2554, 2561, 2563, 2564, 2565,
\@ifundefined .... 11, 291, 2147, 3137	2566, 2571, 2572, 2580, 2581,
\@notprerr ..... 100	2582, 2583, 2591, 2601, 2634,
\@onelevel@sanitize ..... 9, 58, 61	2644, 2647, 2648, 2652, 2653,
\@revlogicalnot .....	2654, 2656, 2657, 2705, 2706,
. 294, 297, 2150, 2153, 3140, 3143	2725, 2726, 2839, 2845, 2918,
\@tabacckludge .....	2921, 2926, 2929, 2932, 2937,
. 215, 221, 321, 324, 329, 332,	2939, 2948, 2949, 2950, 2951,
335, 340, 342, 351, 352, 353,	2969, 2971, 3000, 3002, 3010,
354, 373, 453, 459, 541, 542,	3012, 3015, 3021, 3023, 3024,
549, 550, 553, 554, 559, 560,	3025, 3161, 3164, 3169, 3172,
566, 567, 570, 573, 574, 581,	3175, 3180, 3182, 3191, 3192,
582, 585, 586, 591, 592, 598,	3193, 3194, 3457, 3504, 3507,
599, 602, 616, 645, 651, 661,	3518, 3521, 3554, 3555, 3559,
667, 671, 672, 676, 677, 680,	3560, 3563, 3567, 3571, 3573,
684, 688, 690, 697, 700, 703,	3580, 3583, 3586, 3587, 3591,
704, 708, 709, 712, 716, 720,	3592, 3595, 3599, 3603, 3605,
722, 729, 732, 743, 810, 811,	3612, 3615, 3661, 3663, 3673,
817, 818, 821, 822, 826, 827,	3688, 3795, 3801, 3916, 3917,
833, 834, 840, 841, 847, 848,	3924, 3925, 3928, 3929, 3934,
851, 852, 856, 857, 863, 864,	3935, 3941, 3942, 3945, 3948,
881, 890, 920, 936, 942, 943,	3949, 3956, 3957, 3960, 3961,
951, 955, 957, 960, 968, 972,	3966, 3967, 3973, 3974, 3977,
974, 975, 983, 987, 989, 992,	3988, 3997, 4101, 4102, 4106,
1000, 1004, 1030, 1039, 1110,	4108, 4109, 4113, 4116, 4118,
1119, 1131, 1137, 1265, 1271,	4119, 4125, 4126, 4133, 4134,
1353, 1354, 1361, 1362, 1365,	4138, 4140, 4141, 4145, 4148,
1366, 1371, 1372, 1378, 1379,	4150, 4151, 4157, 4158, 4225,
1385, 1386, 1393, 1394, 1397,	4226, 4233, 4234, 4237, 4238,
1398, 1403, 1404, 1410, 1411,	4242, 4243, 4249, 4250, 4255,
1441, 1443, 1453, 1457, 1459,	4256, 4263, 4264, 4267, 4268,
1469, 1471, 1472, 1480, 1484,	4272, 4273, 4279, 4280, 4488,
1489, 1490, 1497, 1500, 1503,	4489, 4490, 4494, 4499, 4500,
1504, 1512, 1516, 1521, 1522,	4501, 4502, 4503, 4505, 4507,
1529, 1532, 1621, 1622, 1626,	4508, 4510, 4515, 4536, 4539,
1628, 1629, 1633, 1636, 1638,	4548, 4549, 4552, 4555, 4566,
1639, 1645, 1646, 1653, 1654,	4575, 4576, 4577, 4588, 4589,
1658, 1660, 1661, 1665, 1668,	4590, 4593, 4596, 4597, 4599,
1670, 1671, 1677, 1678, 1698,	4601, 4607, 4608, 4724, 4725,
1700, 1702, 1714, 1716, 1718,	4755, 4756, 4823, 4835, 4906,
1722, 1723, 1730, 1731, 1734,	4910, 4911, 4917, 4918, 4921,
1735, 1740, 1741, 1747, 1748,	4922, 4926, 4927, 4931, 4932,
1751, 1754, 1755, 1762, 1763,	4978, 5006, 5008, 5009, 5012,
1766, 1767, 1772, 1773, 1779,	5013, 5015, 5016, 5018, 5041,
1780, 1783, 1794, 1864, 1865,	5053, 5056, 5110, 5111, 5117,
1872, 1873, 1876, 1877, 1882,	5118, 5121, 5122, 5127, 5128,
1883, 1889, 1890, 1893, 1896,	5132, 5133, 5136, 5194, 5195,

5201, 5202, 5205, 5207, 5217, 5218, 5223, 5224, 5228, 5248, 5249, 5254, 5255, 5270, 5271, 5283, 5284, 5293, 5294, 5317, 5318, 5319, 5320, 5323, 5324, 5346, 5347, 5348, 5349, 5547, 5559	4152, 4228, 4241, 4245, 4258, 4271, 4275, 4514, 4564, 4907, 4914, 4925, 4930, 4979, 4980, 5113, 5126, 5130, 5197, 5212, 5220, 5268, 5269, 5291, 5292, 5641
\@width . . . . . 2083, 2315, 2531, 2684, 2848, 3073, 3293, 4295	\_ . . . . . 533, 663, 803, 934, 1222, 1345, 2499, 2667, 3035, 3546, 3908, 4057, 5026, 5184, 5553
\^ 322, 327, 331, 338, 341, 543, 551, 555, 561, 568, 575, 583, 587, 593, 600, 673, 685, 691, 705, 717, 723, 786, 792, 801, 807, 812, 815, 819, 823, 828, 832, 835, 838, 842, 845, 849, 853, 858, 862, 865, 868, 944, 956, 962, 969, 976, 988, 994, 1001, 1355, 1363, 1367, 1373, 1380, 1387, 1395, 1399, 1405, 1412, 1473, 1485, 1491, 1498, 1505, 1517, 1523, 1530, 1724, 1732, 1736, 1738, 1742, 1749, 1752, 1756, 1764, 1768, 1770, 1774, 1781, 1784, 1866, 1874, 1878, 1884, 1891, 1898, 1906, 1910, 1916, 1923, 1992, 2000, 2004, 2010, 2017, 2024, 2032, 2036, 2042, 2049, 2175, 2180, 2184, 2191, 2194, 2383, 2388, 2392, 2399, 2402, 2434, 2462, 2467, 2478, 2486, 2551, 2560, 2567, 2602, 2635, 2646, 2919, 2924, 2928, 2935, 2938, 2970, 2998, 3003, 3014, 3022, 3162, 3167, 3171, 3178, 3181, 3556, 3568, 3574, 3588, 3600, 3606, 3918, 3926, 3930, 3936, 3943, 3950, 3958, 3962, 3968, 3975, 4227, 4235, 4239, 4244, 4251, 4257, 4265, 4269, 4274, 4281, 4512, 4598, 4912, 4919, 4923, 4928, 4933, 5004, 5005, 5010, 5014, 5017, 5112, 5119, 5123, 5129, 5134, 5196, 5203, 5209, 5219, 5225, 5250, 5251, 5258, 5259, 5264, 5265, 5274, 5275, 5287, 5288, 5299, 5300, 5301, 5302, 5571	\alpha . . . . . 209, 2077, 3067, 5473 \approx 212, 2080, 3070, 4292, 4623, 4820 \aprox . . . . . 5474
\^' . . . . . 5572 \  . . . . . 5475 \~ . . . . . 355, 356, 367, 368, 374, 375, 544, 558, 562, 576, 590, 594, 825, 855, 915, 931, 945, 963, 971, 977, 995, 1003, 1356, 1370, 1374, 1388, 1402, 1406, 1444, 1460, 1474, 1492, 1494, 1506, 1524, 1526, 1640, 1672, 1725, 1739, 1743, 1757, 1771, 1775, 1867, 1881, 1885, 1899, 1913, 1917, 2208, 2209, 2416, 2417, 2450, 2451, 2480, 2481, 2952, 2953, 2986, 2987, 3016, 3017, 3195, 3196, 3919, 3933, 3937, 3951, 3965, 3969, 4120,	\b . . . . . 5574 \beta . . . . . 224, 5472, 5476 \bullet . . . . . 5477
	C
	\c . . . . . 319, 326, 533, 548, 580, 649, 663, 665, 678, 701, 710, 733, 790, 803, 805, 816, 846, 913, 916, 921, 929, 932, 934, 959, 961, 991, 993, 1222, 1345, 1360, 1383, 1392, 1415, 1442, 1445, 1447, 1461, 1463, 1488, 1520, 1597, 1613, 1631, 1632, 1634, 1637, 1664, 1666, 1669, 1729, 1761, 1871, 1903, 1997, 2029, 2172, 2179, 2380, 2387, 2499, 2548, 2555, 2593, 2604, 2641, 2658, 2667, 2916, 2923, 3035, 3159, 3166, 3532, 3546, 3548, 3561, 3584, 3593, 3616, 3908, 3923, 3955, 4057, 4077, 4093, 4111, 4112, 4114, 4117, 4144, 4146, 4149, 4232, 4262, 4540, 4544, 4545, 4550, 4551, 4582, 4583, 4609, 4613, 4905, 4916, 5026, 5116, 5184, 5200, 5262, 5276, 5277, 5279, 5280, 5281, 5282, 5285, 5286, 5575
	\cap . . . 227, 260, 2113, 3103, 5478, 5500 \catcode 191, 450, 610, 740, 875, 1011, 1128, 1262, 1422, 1540, 1688, 1791, 1933, 2059, 2303, 2513, 2681, 2836, 3049, 3290, 3451, 3623, 3792, 3985, 4168, 4289, 4446, 4620, 4811, 5035, 5463, 5470 \check@mathfonts . . . . . 1016, 1941, 2692, 3304, 3646, 4661

\circ	236, 471, 631, 755, 896, 1161, 1283, 1428, 1552, 1800, 1950, 2089, 2339, 2537, 2872, 3079, 3299, 3475, 3632, 3813, 4009, 4177, 4298, 4455, 4626, 4841, 5484, 5515	\cyrishrt	1084, 2764, 3359, 3764, 4387, 4783
\crcr	1022, 1938, 2698, 3310, 3652, 4667	\CYRJE	1035, 2718, 3694, 4733
\csname	13, 18, 39, 64, 186	\cyrje	1115, 2717, 3719, 4742
\cup	5481	\CYRK	1039, 1053, 2726, 2774, 3328, 3673, 3733, 4420, 4688, 4755, 5347
\CurrentInputEncodingName	5, 8, 9, 11, 13, 14, 18, 22, 29, 34, 39, 40, 59, 64, 69, 105, 108	\cyrk	1085, 1119, 2725, 2773, 3360, 3688, 3765, 4388, 4756, 4784, 5349
\CurrentInputEncodingOption	6, 10, 17, 20, 27, 30, 36, 41, 89, 91, 97, 99, 103, 105	\CYRL	1054, 2784, 3329, 3734, 4421, 4689
\CurrentOption	81, 83, 87, 88	\cyr1	1086, 2783, 3361, 3766, 4389, 4785
\CYRA	1043, 2736, 3318, 3723, 4410, 4678	\CYRLJE	1036, 2720, 3670, 4738
\cyr	1075, 2735, 3350, 3755, 4378, 4774	\cyr1je	1116, 2719, 3685, 4739
\CYRB	1044, 2738, 3319, 3724, 4411, 4679	\CYRM	1055, 2786, 3330, 3735, 4422, 4690
\cyrb	1076, 2737, 3351, 3756, 4379, 4775	\cyr	1087, 2785, 3362, 3767, 4390, 4786
\CYRC	1065, 2740, 3340, 3745, 4412, 4700	\CYRN	1056, 2788, 3331, 3736, 4423, 4691
\cyr	1097, 2739, 3420, 3777, 4380, 4796	\cyr	1088, 2787, 3363, 3768, 4391, 4787
\CYRCH	1066, 2827, 3341, 3746, 4439, 4701	\CYRNJE	1037, 2722, 3672, 4740
\cyrch	1098, 2826, 3421, 3778, 4407, 4797	\cyrnje	1117, 2721, 3687, 4741
\CYRD	1047, 2742, 3322, 3727, 4413, 4682	\CYRO	1057, 2790, 3332, 3737, 4424, 4692
\cyr	1079, 2741, 3354, 3759, 4381, 4778	\cyr	1089, 2789, 3364, 3769, 4392, 4788
\CYRDJE	1029, 2704, 3660, 4721	\CYRP	1058, 2796, 3333, 3738, 4425, 4693
\cyrdje	1109, 2703, 3676, 4722	\cyrp	1090, 2791, 3365, 3770, 4393, 4789
\CYRDZE	1032, 2712, 3720, 4743	\CYRR	1059, 2801, 3334, 3739, 4427, 4694
\cyrdze	1112, 2711, 3721, 4757	\cyr	1091, 2800, 3414, 3771, 4395, 4790
\CYRDZHE	1042, 2730, 3675, 4768	\CYRS	1060, 2803, 3335, 3740, 4428, 4695
\cyrdzhe	1122, 2729, 3690, 4769	\cyr	1092, 2802, 3415, 3772, 4396, 4791
\CYRE	1048, 2744, 3323, 3728, 4414, 4683	\CYRSFTSN	1071, 2813, 3346, 3751, 4433, 4706
\cyr	1080, 2743, 3355, 3760, 4382, 4779	\cyr	1103, 2812, 3426, 3783, 4401, 4802
\CYREREV	1072, 2823, 3347, 3752, 4437, 4707	\CYRSH	1067, 2821, 3342, 3747, 4436, 4702
\cyrerev	1104, 2822, 3427, 3784, 4405, 4803	\cyrsh	1099, 2820, 3422, 3779, 4404, 4798
\CYRERY	1070, 2817, 3345, 3750, 4434, 4705	\CYRSHCH	1068, 2825, 3343, 3748, 4438, 4703
\cyrery	1102, 2816, 3425, 3782, 4402, 4801	\cyrshch	1100, 2824, 3423, 3780, 4406, 4799
\CYRF	1063, 2746, 3338, 3743, 4415, 4698	\CYRT	1061, 2805, 3336, 3741, 4429, 4696
\cyr	1095, 2745, 3418, 3775, 4383, 4794	\cyr	1093, 2804, 3416, 3773, 4397, 4792
\CYRG	1030, 1046, 2706, 2748, 3321, 3661, 3726, 4416, 4681, 4724, 5346	\CYRTSHE	1038, 2724, 3674, 4753
\cyr	1078, 1110, 2705, 2747, 3353, 3663, 3758, 4384, 4725, 4777, 5348	\cyrtshe	1118, 2723, 3689, 4754
\CYRGUP	3696, 4712	\CYRU	1062, 2807, 3337, 3742, 4430, 4697
\cyr	3711, 4732	\cyr	1094, 2806, 3417, 3774, 4398, 4793
\CYRH	1064, 2757, 3339, 3744, 4417, 4699	\CYRUSHRT	1041, 2728, 3436, 3692, 4766
\cyr	1096, 2756, 3419, 3776, 4385, 4795	\cyrushrt	1121, 2727, 3437, 3693, 4767
\CYRHRDSN	1069, 2734, 3344, 3749, 4440, 4704	\CYRV	1045, 2811, 3320, 3725, 4432, 4680
\cyrhrdsn	1101, 2733, 3424, 3781, 4408, 4800	\cyr	1077, 2810, 3352, 3757, 4400, 4776
\CYRI	1051, 2759, 3326, 3731, 4418, 4686	\CYRYA	1074, 2799, 3349, 3754, 4426, 4709
\cyr	1083, 2758, 3358, 3763, 4386, 4782	\cyr	1106, 2797, 3429, 3786, 4394, 4773
\CYRIE	1031, 2710, 3432, 3701, 4734	\CYRYI	1034, 2716, 3434, 3706, 4736
\cyr	1111, 2709, 3433, 3717, 4735	\cyr	1114, 2715, 3435, 3722, 4737
\CYRII	1033, 2714, 3709, 4717	\CYRYO	1028, 2708, 3430, 3699, 4364, 4771
\cyr	1113, 2713, 3710, 4730	\cyr	1108, 2707, 3431, 3715, 4348, 4772
\CYRISHRT	1052, 2765, 3327, 3732, 4419, 4687	\CYRYU	1073, 2732, 3348, 3753, 4409, 4708
		\cyr	1105, 2731, 3428, 3785, 4377, 4804
		\CYRZ	1050, 2819, 3325, 3730, 4435, 4685
		\cyr	1082, 2818, 3357, 3762, 4403, 4781
		\CYRZH	1049, 2809, 3324, 3729, 4431, 4684
		\cyr	1081, 2808, 3356, 3761, 4399, 4780
		D	
		\d	5576
		\dagger	5482
		\ddagger	5483



<code>\DeclareInputText</code>	319, 320,	831, 832, 833, 834, 835, 836,
321, 322, 323, 324, 325, 326,	837, 838, 839, 840, 841, 842,	
327, 328, 329, 330, 331, 332,	843, 844, 845, 846, 847, 848,	
333, 334, 335, 336, 337, 338,	849, 850, 851, 852, 853, 854,	
339, 340, 341, 342, 343, 344,	855, 856, 857, 858, 859, 860,	
345, 346, 347, 348, 349, 350,	861, 862, 863, 864, 865, 866,	
351, 352, 353, 354, 355, 356,	867, 868, 869, 910, 911, 912,	
357, 358, 359, 360, 361, 362,	913, 914, 915, 916, 917, 918,	
363, 364, 365, 366, 367, 368,	919, 920, 921, 922, 923, 924,	
369, 370, 371, 372, 373, 374,	925, 926, 927, 928, 929, 930,	
375, 376, 377, 378, 379, 380,	931, 932, 933, 934, 935, 936,	
381, 382, 383, 384, 385, 386,	937, 938, 939, 940, 941, 942,	
387, 388, 389, 390, 391, 392,	943, 944, 945, 946, 947, 948,	
393, 394, 395, 396, 397, 398,	949, 950, 951, 952, 953, 954,	
399, 400, 401, 402, 403, 404,	955, 956, 957, 958, 959, 960,	
405, 406, 407, 408, 409, 410,	961, 962, 963, 964, 965, 966,	
411, 412, 413, 414, 415, 416,	967, 968, 969, 970, 971, 972,	
417, 418, 419, 420, 421, 422,	973, 974, 975, 976, 977, 978,	
423, 424, 425, 426, 427, 428,	979, 980, 981, 982, 983, 984,	
429, 430, 431, 432, 433, 434,	985, 986, 987, 988, 989, 990,	
435, 436, 437, 438, 439, 440,	991, 992, 993, 994, 995, 996,	
441, 442, 443, 444, 509, 510,	997, 998, 999, 1000, 1001, 1002,	
511, 512, 513, 514, 515, 516,	1003, 1004, 1005, 1027, 1028,	
517, 518, 519, 520, 521, 522,	1029, 1030, 1031, 1032, 1033,	
523, 524, 525, 526, 527, 528,	1034, 1035, 1036, 1037, 1038,	
529, 530, 531, 532, 533, 534,	1039, 1040, 1041, 1042, 1043,	
535, 536, 537, 538, 539, 540,	1044, 1045, 1046, 1047, 1048,	
541, 542, 543, 544, 545, 546,	1049, 1050, 1051, 1052, 1053,	
547, 548, 549, 550, 551, 552,	1054, 1055, 1056, 1057, 1058,	
553, 554, 555, 556, 557, 558,	1059, 1060, 1061, 1062, 1063,	
559, 560, 561, 562, 563, 564,	1064, 1065, 1066, 1067, 1068,	
565, 566, 567, 568, 569, 570,	1069, 1070, 1071, 1072, 1073,	
571, 572, 573, 574, 575, 576,	1074, 1075, 1076, 1077, 1078,	
577, 578, 579, 580, 581, 582,	1079, 1080, 1081, 1082, 1083,	
583, 584, 585, 586, 587, 588,	1084, 1085, 1086, 1087, 1088,	
589, 590, 591, 592, 593, 594,	1089, 1090, 1091, 1092, 1093,	
595, 596, 597, 598, 599, 600,	1094, 1095, 1096, 1097, 1098,	
601, 602, 603, 604, 639, 640,	1099, 1100, 1101, 1102, 1103,	
641, 642, 643, 644, 645, 646,	1104, 1105, 1106, 1107, 1108,	
647, 648, 649, 650, 651, 652,	1109, 1110, 1111, 1112, 1113,	
653, 654, 655, 656, 657, 658,	1114, 1115, 1116, 1117, 1118,	
659, 660, 661, 662, 663, 664,	1119, 1120, 1121, 1122, 1199,	
665, 666, 667, 668, 669, 670,	1200, 1201, 1202, 1203, 1204,	
671, 672, 673, 674, 675, 676,	1205, 1206, 1207, 1208, 1209,	
677, 678, 679, 680, 681, 682,	1210, 1211, 1212, 1213, 1214,	
683, 684, 685, 686, 687, 688,	1215, 1216, 1217, 1218, 1219,	
689, 690, 691, 692, 693, 694,	1220, 1221, 1222, 1223, 1224,	
695, 696, 697, 698, 699, 700,	1225, 1226, 1227, 1228, 1229,	
701, 702, 703, 704, 705, 706,	1230, 1231, 1232, 1233, 1234,	
707, 708, 709, 710, 711, 712,	1235, 1236, 1237, 1238, 1239,	
713, 714, 715, 716, 717, 718,	1240, 1241, 1242, 1243, 1244,	
719, 720, 721, 722, 723, 724,	1245, 1246, 1247, 1248, 1249,	
725, 726, 727, 728, 729, 730,	1250, 1251, 1252, 1253, 1254,	
731, 732, 733, 734, 781, 782,	1255, 1256, 1321, 1322, 1323,	
783, 784, 785, 786, 787, 788,	1324, 1325, 1326, 1327, 1328,	
789, 790, 791, 792, 793, 794,	1329, 1330, 1331, 1332, 1333,	
795, 796, 797, 798, 799, 800,	1334, 1335, 1336, 1337, 1338,	
801, 802, 803, 804, 805, 806,	1339, 1340, 1341, 1342, 1343,	
807, 808, 809, 810, 811, 812,	1344, 1345, 1346, 1347, 1348,	
813, 814, 815, 816, 817, 818,	1349, 1350, 1351, 1352, 1353,	
819, 820, 821, 822, 823, 824,	1354, 1355, 1356, 1357, 1358,	
825, 826, 827, 828, 829, 830,	1359, 1360, 1361, 1362, 1363,	

1364,	1365,	1366,	1367,	1368,	1755,	1756,	1757,	1758,	1759,
1369,	1370,	1371,	1372,	1373,	1760,	1761,	1762,	1763,	1764,
1374,	1375,	1376,	1377,	1378,	1765,	1766,	1767,	1768,	1769,
1379,	1380,	1381,	1382,	1383,	1770,	1771,	1772,	1773,	1774,
1384,	1385,	1386,	1387,	1388,	1775,	1776,	1777,	1778,	1779,
1389,	1390,	1391,	1392,	1393,	1780,	1781,	1782,	1783,	1784,
1394,	1395,	1396,	1397,	1398,	1785,	1832,	1833,	1834,	1835,
1399,	1400,	1401,	1402,	1403,	1836,	1837,	1838,	1839,	1840,
1404,	1405,	1406,	1407,	1408,	1841,	1842,	1843,	1844,	1845,
1409,	1410,	1411,	1412,	1413,	1846,	1847,	1848,	1849,	1850,
1414,	1415,	1416,	1439,	1440,	1851,	1852,	1853,	1854,	1855,
1441,	1442,	1443,	1444,	1445,	1856,	1857,	1858,	1859,	1860,
1446,	1447,	1448,	1449,	1450,	1861,	1862,	1863,	1864,	1865,
1451,	1452,	1453,	1454,	1455,	1866,	1867,	1868,	1869,	1870,
1456,	1457,	1458,	1459,	1460,	1871,	1872,	1873,	1874,	1875,
1461,	1462,	1463,	1464,	1465,	1876,	1877,	1878,	1879,	1880,
1466,	1467,	1468,	1469,	1470,	1881,	1882,	1883,	1884,	1885,
1471,	1472,	1473,	1474,	1475,	1886,	1887,	1888,	1889,	1890,
1476,	1477,	1478,	1479,	1480,	1891,	1892,	1893,	1894,	1895,
1481,	1482,	1483,	1484,	1485,	1896,	1897,	1898,	1899,	1900,
1486,	1487,	1488,	1489,	1490,	1901,	1902,	1903,	1904,	1905,
1491,	1492,	1493,	1494,	1495,	1906,	1907,	1908,	1909,	1910,
1496,	1497,	1498,	1499,	1500,	1911,	1912,	1913,	1914,	1915,
1501,	1502,	1503,	1504,	1505,	1916,	1917,	1918,	1919,	1920,
1506,	1507,	1508,	1509,	1510,	1921,	1922,	1923,	1924,	1925,
1511,	1512,	1513,	1514,	1515,	1926,	1927,	1958,	1959,	1960,
1516,	1517,	1518,	1519,	1520,	1961,	1962,	1963,	1964,	1965,
1521,	1522,	1523,	1524,	1525,	1966,	1967,	1968,	1969,	1970,
1526,	1527,	1528,	1529,	1530,	1971,	1972,	1973,	1974,	1975,
1531,	1532,	1533,	1534,	1587,	1976,	1977,	1978,	1979,	1980,
1588,	1589,	1590,	1591,	1592,	1981,	1982,	1983,	1984,	1985,
1593,	1594,	1595,	1596,	1597,	1986,	1987,	1988,	1989,	1990,
1598,	1599,	1600,	1601,	1602,	1991,	1992,	1993,	1994,	1995,
1603,	1604,	1605,	1606,	1607,	1996,	1997,	1998,	1999,	2000,
1608,	1609,	1610,	1611,	1612,	2001,	2002,	2003,	2004,	2005,
1613,	1614,	1615,	1616,	1617,	2006,	2007,	2008,	2009,	2010,
1618,	1619,	1620,	1621,	1622,	2011,	2012,	2013,	2014,	2015,
1623,	1624,	1625,	1626,	1627,	2016,	2017,	2018,	2019,	2020,
1628,	1629,	1630,	1631,	1632,	2021,	2022,	2023,	2024,	2025,
1633,	1634,	1635,	1636,	1637,	2026,	2027,	2028,	2029,	2030,
1638,	1639,	1640,	1641,	1642,	2031,	2032,	2033,	2034,	2035,
1643,	1644,	1645,	1646,	1647,	2036,	2037,	2038,	2039,	2040,
1648,	1649,	1650,	1651,	1652,	2041,	2042,	2043,	2044,	2045,
1653,	1654,	1655,	1656,	1657,	2046,	2047,	2048,	2049,	2050,
1658,	1659,	1660,	1661,	1662,	2051,	2052,	2053,	2172,	2173,
1663,	1664,	1665,	1666,	1667,	2174,	2175,	2176,	2177,	2178,
1668,	1669,	1670,	1671,	1672,	2179,	2180,	2181,	2182,	2183,
1673,	1674,	1675,	1676,	1677,	2184,	2185,	2186,	2187,	2188,
1678,	1679,	1680,	1681,	1682,	2189,	2190,	2191,	2192,	2193,
1690,	1691,	1692,	1693,	1694,	2194,	2195,	2196,	2197,	2198,
1695,	1696,	1697,	1698,	1699,	2199,	2200,	2201,	2202,	2203,
1700,	1701,	1702,	1703,	1704,	2204,	2205,	2206,	2207,	2208,
1705,	1706,	1707,	1708,	1709,	2209,	2210,	2211,	2212,	2213,
1710,	1711,	1712,	1713,	1714,	2214,	2215,	2216,	2217,	2218,
1715,	1716,	1717,	1718,	1719,	2219,	2220,	2221,	2222,	2223,
1720,	1721,	1722,	1723,	1724,	2224,	2225,	2226,	2227,	2228,
1725,	1726,	1727,	1728,	1729,	2229,	2230,	2231,	2232,	2233,
1730,	1731,	1732,	1733,	1734,	2234,	2235,	2236,	2237,	2238,
1735,	1736,	1737,	1738,	1739,	2239,	2240,	2241,	2242,	2243,
1740,	1741,	1742,	1743,	1744,	2244,	2245,	2246,	2247,	2248,
1745,	1746,	1747,	1748,	1749,	2249,	2250,	2251,	2252,	2253,
1750,	1751,	1752,	1753,	1754,	2254,	2255,	2256,	2257,	2258,

2259,	2260,	2261,	2262,	2263,	2718,	2719,	2720,	2721,	2722,
2264,	2265,	2266,	2267,	2268,	2723,	2724,	2725,	2726,	2727,
2269,	2270,	2271,	2272,	2273,	2728,	2729,	2730,	2731,	2732,
2274,	2275,	2276,	2277,	2278,	2733,	2734,	2735,	2736,	2737,
2279,	2280,	2281,	2282,	2283,	2738,	2739,	2740,	2741,	2742,
2284,	2285,	2286,	2287,	2288,	2743,	2744,	2745,	2746,	2747,
2289,	2290,	2291,	2292,	2293,	2748,	2749,	2750,	2751,	2752,
2294,	2295,	2296,	2297,	2380,	2753,	2754,	2755,	2756,	2757,
2381,	2382,	2383,	2384,	2385,	2758,	2759,	2760,	2761,	2762,
2386,	2387,	2388,	2389,	2390,	2763,	2764,	2765,	2766,	2767,
2391,	2392,	2393,	2394,	2395,	2768,	2769,	2770,	2771,	2772,
2396,	2397,	2398,	2399,	2400,	2773,	2774,	2775,	2776,	2777,
2401,	2402,	2403,	2404,	2405,	2778,	2779,	2780,	2781,	2782,
2406,	2407,	2408,	2409,	2410,	2783,	2784,	2785,	2786,	2787,
2411,	2412,	2413,	2414,	2415,	2788,	2789,	2790,	2791,	2792,
2416,	2417,	2418,	2419,	2420,	2793,	2794,	2795,	2796,	2797,
2421,	2422,	2423,	2424,	2425,	2798,	2799,	2800,	2801,	2802,
2426,	2427,	2428,	2429,	2430,	2803,	2804,	2805,	2806,	2807,
2431,	2432,	2433,	2434,	2435,	2808,	2809,	2810,	2811,	2812,
2436,	2437,	2438,	2439,	2440,	2813,	2814,	2815,	2816,	2817,
2441,	2442,	2443,	2444,	2445,	2818,	2819,	2820,	2821,	2822,
2446,	2447,	2448,	2449,	2450,	2823,	2824,	2825,	2826,	2827,
2451,	2452,	2453,	2454,	2455,	2828,	2829,	2830,	2916,	2917,
2456,	2457,	2458,	2459,	2460,	2918,	2919,	2920,	2921,	2922,
2461,	2462,	2463,	2464,	2465,	2923,	2924,	2925,	2926,	2927,
2466,	2467,	2468,	2469,	2470,	2928,	2929,	2930,	2931,	2932,
2471,	2472,	2473,	2474,	2475,	2933,	2934,	2935,	2936,	2937,
2476,	2477,	2478,	2479,	2480,	2938,	2939,	2940,	2941,	2942,
2481,	2482,	2483,	2484,	2485,	2943,	2944,	2945,	2946,	2947,
2486,	2487,	2488,	2489,	2490,	2948,	2949,	2950,	2951,	2952,
2491,	2492,	2493,	2494,	2495,	2953,	2954,	2955,	2956,	2957,
2496,	2497,	2498,	2499,	2500,	2958,	2959,	2960,	2961,	2962,
2501,	2502,	2503,	2504,	2505,	2963,	2964,	2965,	2966,	2967,
2506,	2507,	2548,	2549,	2550,	2968,	2969,	2970,	2971,	2972,
2551,	2552,	2553,	2554,	2555,	2973,	2974,	2975,	2976,	2977,
2556,	2557,	2558,	2559,	2560,	2978,	2979,	2980,	2981,	2982,
2561,	2562,	2563,	2564,	2565,	2983,	2984,	2985,	2986,	2987,
2566,	2567,	2568,	2569,	2570,	2988,	2989,	2990,	2991,	2992,
2571,	2572,	2573,	2574,	2575,	2993,	2994,	2995,	2996,	2997,
2576,	2577,	2578,	2579,	2580,	2998,	2999,	3000,	3001,	3002,
2581,	2582,	2583,	2584,	2585,	3003,	3004,	3005,	3006,	3007,
2586,	2587,	2588,	2589,	2590,	3008,	3009,	3010,	3011,	3012,
2591,	2592,	2593,	2594,	2595,	3013,	3014,	3015,	3016,	3017,
2596,	2597,	2598,	2599,	2600,	3018,	3019,	3020,	3021,	3022,
2601,	2602,	2603,	2604,	2605,	3023,	3024,	3025,	3026,	3027,
2606,	2607,	2608,	2609,	2610,	3028,	3029,	3030,	3031,	3032,
2611,	2612,	2613,	2614,	2615,	3033,	3034,	3035,	3036,	3037,
2616,	2617,	2618,	2619,	2620,	3038,	3039,	3040,	3041,	3042,
2621,	2622,	2623,	2624,	2625,	3043,	3159,	3160,	3161,	3162,
2626,	2627,	2628,	2629,	2630,	3163,	3164,	3165,	3166,	3167,
2631,	2632,	2633,	2634,	2635,	3168,	3169,	3170,	3171,	3172,
2636,	2637,	2638,	2639,	2640,	3173,	3174,	3175,	3176,	3177,
2641,	2642,	2643,	2644,	2645,	3178,	3179,	3180,	3181,	3182,
2646,	2647,	2648,	2649,	2650,	3183,	3184,	3185,	3186,	3187,
2651,	2652,	2653,	2654,	2655,	3188,	3189,	3190,	3191,	3192,
2656,	2657,	2658,	2659,	2660,	3193,	3194,	3195,	3196,	3197,
2661,	2662,	2663,	2664,	2665,	3198,	3199,	3200,	3201,	3202,
2666,	2667,	2668,	2669,	2670,	3203,	3204,	3205,	3206,	3207,
2671,	2672,	2673,	2674,	2675,	3208,	3209,	3210,	3211,	3212,
2703,	2704,	2705,	2706,	2707,	3213,	3214,	3215,	3216,	3217,
2708,	2709,	2710,	2711,	2712,	3218,	3219,	3220,	3221,	3222,
2713,	2714,	2715,	2716,	2717,	3223,	3224,	3225,	3226,	3227,

3228,	3229,	3230,	3231,	3232,	3662,	3663,	3664,	3665,	3666,
3233,	3234,	3235,	3236,	3237,	3667,	3668,	3669,	3670,	3671,
3238,	3239,	3240,	3241,	3242,	3672,	3673,	3674,	3675,	3676,
3243,	3244,	3245,	3246,	3247,	3677,	3678,	3679,	3680,	3681,
3248,	3249,	3250,	3251,	3252,	3682,	3683,	3684,	3685,	3686,
3253,	3254,	3255,	3256,	3257,	3687,	3688,	3689,	3690,	3691,
3258,	3259,	3260,	3261,	3262,	3692,	3693,	3694,	3695,	3696,
3263,	3264,	3265,	3266,	3267,	3697,	3698,	3699,	3700,	3701,
3268,	3269,	3270,	3271,	3272,	3702,	3703,	3704,	3705,	3706,
3273,	3274,	3275,	3276,	3277,	3707,	3708,	3709,	3710,	3711,
3278,	3279,	3280,	3281,	3282,	3712,	3713,	3714,	3715,	3716,
3283,	3284,	3318,	3319,	3320,	3717,	3718,	3719,	3720,	3721,
3321,	3322,	3323,	3324,	3325,	3722,	3723,	3724,	3725,	3726,
3326,	3327,	3328,	3329,	3330,	3727,	3728,	3729,	3730,	3731,
3331,	3332,	3333,	3334,	3335,	3732,	3733,	3734,	3735,	3736,
3336,	3337,	3338,	3339,	3340,	3737,	3738,	3739,	3740,	3741,
3341,	3342,	3343,	3344,	3345,	3742,	3743,	3744,	3745,	3746,
3346,	3347,	3348,	3349,	3350,	3747,	3748,	3749,	3750,	3751,
3351,	3352,	3353,	3354,	3355,	3752,	3753,	3754,	3755,	3756,
3356,	3357,	3358,	3359,	3360,	3757,	3758,	3759,	3760,	3761,
3361,	3362,	3363,	3364,	3365,	3762,	3763,	3764,	3765,	3766,
3366,	3367,	3368,	3369,	3370,	3767,	3768,	3769,	3770,	3771,
3371,	3372,	3373,	3374,	3375,	3772,	3773,	3774,	3775,	3776,
3376,	3377,	3378,	3379,	3380,	3777,	3778,	3779,	3780,	3781,
3381,	3382,	3383,	3384,	3385,	3782,	3783,	3784,	3785,	3786,
3386,	3387,	3388,	3389,	3390,	3857,	3858,	3859,	3860,	3861,
3391,	3392,	3393,	3394,	3395,	3862,	3863,	3864,	3865,	3866,
3396,	3397,	3398,	3399,	3400,	3867,	3868,	3869,	3870,	3871,
3401,	3402,	3403,	3404,	3405,	3872,	3873,	3874,	3875,	3876,
3406,	3407,	3408,	3409,	3410,	3877,	3878,	3879,	3880,	3881,
3411,	3412,	3413,	3414,	3415,	3882,	3883,	3884,	3885,	3886,
3416,	3417,	3418,	3419,	3420,	3887,	3888,	3889,	3890,	3891,
3421,	3422,	3423,	3424,	3425,	3892,	3893,	3894,	3895,	3896,
3426,	3427,	3428,	3429,	3430,	3897,	3898,	3899,	3900,	3901,
3431,	3432,	3433,	3434,	3435,	3902,	3903,	3904,	3905,	3906,
3436,	3437,	3438,	3439,	3440,	3907,	3908,	3909,	3910,	3911,
3441,	3442,	3443,	3444,	3445,	3912,	3913,	3914,	3915,	3916,
3495,	3496,	3497,	3498,	3499,	3917,	3918,	3919,	3920,	3921,
3500,	3501,	3502,	3503,	3504,	3922,	3923,	3924,	3925,	3926,
3505,	3506,	3507,	3508,	3509,	3927,	3928,	3929,	3930,	3931,
3510,	3511,	3512,	3513,	3514,	3932,	3933,	3934,	3935,	3936,
3515,	3516,	3517,	3518,	3519,	3937,	3938,	3939,	3940,	3941,
3520,	3521,	3522,	3523,	3524,	3942,	3943,	3944,	3945,	3946,
3525,	3526,	3527,	3528,	3529,	3947,	3948,	3949,	3950,	3951,
3530,	3531,	3532,	3533,	3534,	3952,	3953,	3954,	3955,	3956,
3535,	3536,	3537,	3538,	3539,	3957,	3958,	3959,	3960,	3961,
3540,	3541,	3542,	3543,	3544,	3962,	3963,	3964,	3965,	3966,
3545,	3546,	3547,	3548,	3549,	3967,	3968,	3969,	3970,	3971,
3550,	3551,	3552,	3553,	3554,	3972,	3973,	3974,	3975,	3976,
3555,	3556,	3557,	3558,	3559,	3977,	3978,	3979,	4047,	4048,
3560,	3561,	3562,	3563,	3564,	4049,	4050,	4051,	4052,	4053,
3565,	3566,	3567,	3568,	3569,	4054,	4055,	4056,	4057,	4058,
3570,	3571,	3572,	3573,	3574,	4059,	4060,	4061,	4062,	4063,
3575,	3576,	3577,	3578,	3579,	4064,	4065,	4066,	4067,	4068,
3580,	3581,	3582,	3583,	3584,	4069,	4070,	4071,	4072,	4073,
3585,	3586,	3587,	3588,	3589,	4074,	4075,	4076,	4077,	4078,
3590,	3591,	3592,	3593,	3594,	4079,	4080,	4081,	4082,	4083,
3595,	3596,	3597,	3598,	3599,	4084,	4085,	4086,	4087,	4088,
3600,	3601,	3602,	3603,	3604,	4089,	4090,	4091,	4092,	4093,
3605,	3606,	3607,	3608,	3609,	4094,	4095,	4096,	4097,	4098,
3610,	3611,	3612,	3613,	3614,	4099,	4100,	4101,	4102,	4103,
3615,	3616,	3617,	3660,	3661,	4104,	4105,	4106,	4107,	4108,

4109,	4110,	4111,	4112,	4113,	4536,	4537,	4538,	4539,	4540,
4114,	4115,	4116,	4117,	4118,	4541,	4542,	4543,	4544,	4545,
4119,	4120,	4121,	4122,	4123,	4546,	4547,	4548,	4549,	4550,
4124,	4125,	4126,	4127,	4128,	4551,	4552,	4553,	4554,	4555,
4129,	4130,	4131,	4132,	4133,	4556,	4557,	4558,	4559,	4560,
4134,	4135,	4136,	4137,	4138,	4561,	4562,	4563,	4564,	4565,
4139,	4140,	4141,	4142,	4143,	4566,	4567,	4568,	4569,	4570,
4144,	4145,	4146,	4147,	4148,	4571,	4572,	4573,	4574,	4575,
4149,	4150,	4151,	4152,	4153,	4576,	4577,	4578,	4579,	4580,
4154,	4155,	4156,	4157,	4158,	4581,	4582,	4583,	4584,	4585,
4159,	4160,	4161,	4162,	4203,	4586,	4587,	4588,	4589,	4590,
4204,	4205,	4206,	4207,	4208,	4591,	4592,	4593,	4594,	4595,
4209,	4210,	4211,	4212,	4213,	4596,	4597,	4598,	4599,	4600,
4214,	4215,	4216,	4217,	4218,	4601,	4602,	4603,	4604,	4605,
4219,	4220,	4221,	4222,	4223,	4606,	4607,	4608,	4609,	4610,
4224,	4225,	4226,	4227,	4228,	4611,	4612,	4613,	4614,	4678,
4229,	4230,	4231,	4232,	4233,	4679,	4680,	4681,	4682,	4683,
4234,	4235,	4236,	4237,	4238,	4684,	4685,	4686,	4687,	4688,
4239,	4240,	4241,	4242,	4243,	4689,	4690,	4691,	4692,	4693,
4244,	4245,	4246,	4247,	4248,	4694,	4695,	4696,	4697,	4698,
4249,	4250,	4251,	4252,	4253,	4699,	4700,	4701,	4702,	4703,
4254,	4255,	4256,	4257,	4258,	4704,	4705,	4706,	4707,	4708,
4259,	4260,	4261,	4262,	4263,	4709,	4710,	4711,	4712,	4713,
4264,	4265,	4266,	4267,	4268,	4714,	4715,	4716,	4717,	4718,
4269,	4270,	4271,	4272,	4273,	4719,	4720,	4721,	4722,	4723,
4274,	4275,	4276,	4277,	4278,	4724,	4725,	4726,	4727,	4728,
4279,	4280,	4281,	4282,	4283,	4729,	4730,	4731,	4732,	4733,
4315,	4316,	4317,	4318,	4319,	4734,	4735,	4736,	4737,	4738,
4320,	4321,	4322,	4323,	4324,	4739,	4740,	4741,	4742,	4743,
4325,	4326,	4327,	4328,	4329,	4744,	4745,	4746,	4747,	4748,
4330,	4331,	4332,	4333,	4334,	4749,	4750,	4751,	4752,	4753,
4335,	4336,	4337,	4338,	4339,	4754,	4755,	4756,	4757,	4758,
4340,	4341,	4342,	4343,	4344,	4759,	4760,	4761,	4762,	4763,
4345,	4346,	4347,	4348,	4349,	4764,	4765,	4766,	4767,	4768,
4350,	4351,	4352,	4353,	4354,	4769,	4770,	4771,	4772,	4773,
4355,	4356,	4357,	4358,	4359,	4774,	4775,	4776,	4777,	4778,
4360,	4361,	4362,	4363,	4364,	4779,	4780,	4781,	4782,	4783,
4365,	4366,	4367,	4368,	4369,	4784,	4785,	4786,	4787,	4788,
4370,	4371,	4372,	4373,	4374,	4789,	4790,	4791,	4792,	4793,
4375,	4376,	4377,	4378,	4379,	4794,	4795,	4796,	4797,	4798,
4380,	4381,	4382,	4383,	4384,	4799,	4800,	4801,	4802,	4803,
4385,	4386,	4387,	4388,	4389,	4804,	4805,	4903,	4904,	4905,
4390,	4391,	4392,	4393,	4394,	4906,	4907,	4908,	4909,	4910,
4395,	4396,	4397,	4398,	4399,	4911,	4912,	4913,	4914,	4915,
4400,	4401,	4402,	4403,	4404,	4916,	4917,	4918,	4919,	4920,
4405,	4406,	4407,	4408,	4409,	4921,	4922,	4923,	4924,	4925,
4410,	4411,	4412,	4413,	4414,	4926,	4927,	4928,	4929,	4930,
4415,	4416,	4417,	4418,	4419,	4931,	4932,	4933,	4934,	4935,
4420,	4421,	4422,	4423,	4424,	4936,	4937,	4938,	4939,	4940,
4425,	4426,	4427,	4428,	4429,	4941,	4942,	4943,	4944,	4945,
4430,	4431,	4432,	4433,	4434,	4946,	4947,	4948,	4949,	4950,
4435,	4436,	4437,	4438,	4439,	4951,	4952,	4953,	4954,	4955,
4440,	4487,	4488,	4489,	4490,	4956,	4957,	4958,	4959,	4960,
4491,	4492,	4493,	4494,	4495,	4961,	4962,	4963,	4964,	4965,
4496,	4497,	4498,	4499,	4500,	4966,	4967,	4968,	4969,	4970,
4501,	4502,	4503,	4504,	4505,	4971,	4972,	4973,	4974,	4975,
4506,	4507,	4508,	4509,	4510,	4976,	4977,	4978,	4979,	4980,
4511,	4512,	4513,	4514,	4515,	4981,	4982,	4983,	4984,	4985,
4516,	4517,	4518,	4519,	4520,	4986,	4987,	4988,	4989,	4990,
4521,	4522,	4523,	4524,	4525,	4991,	4992,	4993,	4994,	4995,
4526,	4527,	4528,	4529,	4530,	4996,	4997,	4998,	4999,	5000,
4531,	4532,	4533,	4534,	4535,	5001,	5002,	5003,	5004,	5005,

5006, 5007, 5008, 5009, 5010,	5310, 5311, 5312, 5313, 5314,
5011, 5012, 5013, 5014, 5015,	5315, 5316, 5317, 5318, 5319,
5016, 5017, 5018, 5019, 5020,	5320, 5321, 5322, 5323, 5324,
5021, 5022, 5023, 5024, 5025,	5325, 5326, 5327, 5328, 5329,
5026, 5027, 5028, 5029, 5109,	5330, 5331, 5332, 5333, 5334,
5110, 5111, 5112, 5113, 5114,	5335, 5336, 5337, 5338, 5339,
5115, 5116, 5117, 5118, 5119,	5340, 5341, 5342, 5343, 5344,
5120, 5121, 5122, 5123, 5124,	5345, 5346, 5347, 5348, 5349,
5125, 5126, 5127, 5128, 5129,	5350, 5351, 5352, 5353, 5354,
5130, 5131, 5132, 5133, 5134,	5355, 5356, 5357, 5358, 5359,
5135, 5136, 5137, 5138, 5139,	5360, 5361, 5362, 5363, 5364,
5140, 5141, 5142, 5143, 5144,	5365, 5366, 5367, 5368, 5369,
5145, 5146, 5147, 5148, 5149,	5370, 5371, 5372, 5373, 5374,
5150, 5151, 5152, 5153, 5154,	5375, 5376, 5377, 5378, 5379,
5155, 5156, 5157, 5158, 5159,	5380, 5381, 5382, 5383, 5384,
5160, 5161, 5162, 5163, 5164,	5385, 5386, 5387, 5388, 5389,
5165, 5166, 5167, 5168, 5169,	5390, 5391, 5392, 5393, 5394,
5170, 5171, 5172, 5173, 5174,	5395, 5396, 5397, 5398, 5399,
5175, 5176, 5177, 5178, 5179,	5400, 5401, 5402, 5403, 5404,
5180, 5181, 5182, 5183, 5184,	5405, 5406, 5407, 5408, 5409,
5185, 5186, 5187, 5188, 5189,	5410, 5411, 5412, 5413, 5414,
5190, 5191, 5192, 5193, 5194,	5415, 5416, 5417, 5418, 5419,
5195, 5196, 5197, 5198, 5199,	5420, 5421, 5422, 5423, 5424,
5200, 5201, 5202, 5203, 5204,	5425, 5426, 5427, 5428, 5429,
5205, 5206, 5207, 5208, 5209,	5430, 5431, 5432, 5433, 5434,
5210, 5211, 5212, 5213, 5214,	5435, 5436, 5437, 5438, 5439,
5215, 5216, 5217, 5218, 5219,	5440, 5441, 5442, 5443, 5444,
5220, 5221, 5222, 5223, 5224,	5445, 5446, 5447, 5448, 5449, 5450
5225, 5226, 5227, 5228, 5229,	$\backslash$ Delta ..... 4464, 4641, 4859, 5497
5230, 5231, 5232, 5233, 5234, 5241	$\backslash$ delta ..... 239, 2092, 3082, 5485
$\backslash$ DeclareMathMeaning .....	$\backslash$ DH ..... 557, 1487,
..... 5472, 5473, 5474, 5475,	1880, 2461, 2997, 3932, 5125, 5561
5476, 5477, 5478, 5479, 5480,	$\backslash$ dh ..... 589, 1519,
5481, 5482, 5483, 5484, 5485,	1912, 2460, 2996, 3964, 5211, 5577
5486, 5487, 5488, 5489, 5490,	$\backslash$ diamond ..... 4473, 4874, 5506
5491, 5492, 5493, 5494, 5495,	$\backslash$ div ..... 5491
5496, 5497, 5498, 5499, 5500,	$\backslash$ DJ 687, 958, 1448, 2006, 2629, 3570, 5562
5501, 5502, 5503, 5504, 5505,	$\backslash$ dj 719, 990, 1464, 2038, 2628, 3602, 5578
5506, 5507, 5508, 5509, 5510,	$\backslash$ do ..... 87
5511, 5512, 5513, 5514, 5515,	$\backslash$ downarrow ..... 5492
5516, 5517, 5518, 5519, 5520,	$\backslash$ dp ..... 1152, 2330, 2863
5521, 5522, 5523, 5524, 5525,	
5526, 5527, 5528, 5529, 5530,	<b>E</b>
5531, 5532, 5533, 5534, 5535, 5536	$\backslash$ endcsname ..... 13, 18, 39, 64, 186
$\backslash$ DeclareOption ..... 77, 79	$\backslash$ endinput ..... 65
$\backslash$ DeclareTextAccentDefault ..... 5544	$\backslash$ endlinechar ..... 47, 53
$\backslash$ DeclareTextCommandDefault ..... 5545	$\backslash$ ensuremath 194, 197, 200, 203, 206,
$\backslash$ DeclareTextSymbolDefault ..... 5546	209, 212, 224, 227, 233, 236,
$\backslash$ DeclareUnicodeCharacter .....	239, 245, 248, 254, 257, 260,
..... 5246, 5247, 5248, 5249,	263, 266, 269, 272, 275, 278,
5250, 5251, 5252, 5253, 5254,	281, 284, 287, 297, 302, 305,
5255, 5256, 5257, 5258, 5259,	308, 311, 314, 471, 477, 480,
5260, 5261, 5262, 5263, 5264,	483, 486, 489, 492, 495, 498,
5265, 5266, 5267, 5268, 5269,	501, 504, 631, 637, 755, 767,
5270, 5271, 5272, 5273, 5274,	770, 773, 776, 779, 896, 905,
5275, 5276, 5277, 5278, 5279,	1161, 1167, 1170, 1173, 1176,
5280, 5281, 5282, 5283, 5284,	1179, 1182, 1185, 1188, 1191,
5285, 5286, 5287, 5288, 5289,	1194, 1283, 1289, 1292, 1295,
5290, 5291, 5292, 5293, 5294,	1298, 1301, 1304, 1307, 1310,
5295, 5296, 5297, 5298, 5299,	1313, 1316, 1428, 1552, 1558,
5300, 5301, 5302, 5303, 5304,	1561, 1564, 1567, 1570, 1573,
5305, 5306, 5307, 5308, 5309,	1576, 1579, 1582, 1585, 1800,
	1809, 1812, 1815, 1818, 1821,

1824, 1827, 1950, 1956, 2062, 2065, 2068, 2071, 2074, 2077, 2080, 2089, 2092, 2098, 2101, 2107, 2110, 2113, 2116, 2119, 2122, 2125, 2128, 2131, 2137, 2140, 2143, 2153, 2158, 2161, 2164, 2167, 2339, 2348, 2351, 2354, 2357, 2360, 2363, 2366, 2369, 2372, 2375, 2537, 2543, 2546, 2872, 2884, 2887, 2890, 2893, 2896, 2899, 2902, 2905, 2908, 2911, 3052, 3055, 3058, 3061, 3064, 3067, 3070, 3079, 3082, 3088, 3091, 3097, 3100, 3103, 3106, 3109, 3112, 3115, 3118, 3121, 3127, 3130, 3133, 3143, 3148, 3151, 3154, 3157, 3299, 3316, 3475, 3484, 3487, 3490, 3493, 3632, 3638, 3641, 3658, 3813, 3825, 3828, 3831, 3834, 3837, 3840, 3843, 3846, 3849, 3852, 4009, 4018, 4021, 4024, 4027, 4030, 4033, 4036, 4039, 4042, 4045, 4177, 4180, 4183, 4186, 4189, 4192, 4195, 4198, 4292, 4298, 4304, 4307, 4310, 4313, 4455, 4461, 4464, 4467, 4470, 4473, 4476, 4479, 4482, 4485, 4623, 4626, 4638, 4641, 4644, 4647, 4650, 4653, 4656, 4673, 4676, 4814, 4820, 4841, 4856, 4859, 4862, 4865, 4868, 4871, 4874, 4877, 4880, 4883, 4886, 4889, 4892, 4895, 4898, 5077, 5080, 5083, 5086, 5089, 5092, 5095, 5098, 5101, 5104	2963, 3549, 3718, 3911, 4094, 4221, 4559, 4750, 4975, 5168, 5580 \guilsinglleft . . . . . 3503, 3671, 3867, 4054, 4579, 4995, 5153, 5581 \guilsinglright . . . . . 3517, 3686, 3880, 4066, 4580, 4996, 5154, 5582
H	
\H . . . . .	613, 692, 698, 724, 730, 2011, 2014, 2043, 2046, 2516, 2558, 2559, 2655, 2671, 3454, 3575, 3581, 3607, 3613, 4563, 4565, 4603, 4604, 4817, 5038, 5563
\hbox	1021, 1940, 2697, 3309, 3651, 4666
\hebalef . . . . .	385, 1230, 5350
\hebayin . . . . .	400, 1248, 5368
\hebbet . . . . .	386, 1231, 5351
\hebdalet . . . . .	388, 1233, 5353
\hebfinalkaf . . . . .	408, 1240, 5360
\hebfinalmem . . . . .	409, 1243, 5363
\hebfinalnun . . . . .	407, 1245, 5365
\hebfinalpe . . . . .	410, 1249, 5369
\hebfinaltsadi . . . . .	411, 1251, 5371
\hebgimel . . . . .	387, 1232, 5352
\hebhe . . . . .	389, 1234, 5354
\hebbet . . . . .	392, 1237, 5357
\hebkafe . . . . .	395, 1241, 5361
\heblamed . . . . .	396, 1242, 5362
\hebmeme . . . . .	397, 1244, 5364
\hebnun . . . . .	398, 1246, 5366
\hebpe . . . . .	401, 1250, 5370
\he bqof . . . . .	403, 1253, 5373
\hebre sh . . . . .	404, 1254, 5374
\hebsamekh . . . . .	399, 1247, 5367
\hebshin . . . . .	405, 1255, 5375
\hebtav . . . . .	406, 1256, 5376
\hebtet . . . . .	393, 1238, 5358
\hebtsadi . . . . .	402, 1252, 5372
\hebvav . . . . .	390, 1235, 5355
\hebyod . . . . .	394, 1239, 5359
\hebzayin . . . . .	391, 1236, 5356
\hidewidth . . . . .	1939, 1945
\hline . . .	1023, 2699, 3311, 3653, 4668
\hmode@bgroup . . . . .	1936
I	
\i . . . . .	330, 331, 332, 352, 585, 586, 587, 588, 716, 717, 804, 851, 852, 853, 854, 931, 987, 988, 989, 1397, 1398, 1399, 1400, 1414, 1459, 1460, 1516, 1517, 1518, 1665, 1766, 1767, 1768, 1769, 1908, 1909, 1910, 1911, 2034, 2035, 2036, 2037, 2183, 2184, 2185, 2205, 2391, 2392, 2393, 2413, 2465, 2560, 2581, 2927, 2928, 2929, 2949, 3170, 3171, 3172, 3192, 3599, 3600, 3960, 3961, 3962, 3963, 4145, 4267, 4268, 4269, 4270, 4505, 4539, 4921, 4922, 4923, 4924, 5019, 5205, 5207, 5209, 5210, 5226, 5269, 5271, 5583
F	
\fontsize . . . . .	1017, 1942, 2693, 3305, 3647, 4662
\frac . . . . .	275, 278, 483, 486, 495, 770, 1173, 1176, 1185, 1295, 1298, 1307, 1564, 1567, 1576, 2128, 2131, 2354, 2357, 2366, 2890, 2893, 2902, 3118, 3121, 3831, 3834, 3843, 4024, 4027, 4036, 4183, 4186, 5083, 5086, 5095, 5512, 5513, 5533
G	
\Gamma . . . . .	194, 2062, 3052, 5495
\geq . . . . .	254, 2107, 3097, 4304, 4461, 4638, 4856, 5496
\guillemotleft . . . . .	365, 520, 1209, 1332, 1598, 1843, 1969, 2218, 2426, 2594, 2749, 2962, 3205, 3533, 3702, 3895, 4078, 4211, 4558, 4749, 4974, 5152, 5579
\guillemotright . . . . .	366, 536, 1225, 1348, 1614, 1859, 1985, 2219, 2427, 2595, 2750,





<code>\o</code>	370, 597, 998, 1409, 1527, 1611, 1778, 1920, 2407, 2943, 3186, 3972, 4091, 4278, 4966, 5230, 5590	1430, 1433, 1436, 1542, 1545, 1548, 1551, 1554, 1557, 1560, 1563, 1566, 1569, 1572, 1575, 1578, 1581, 1584, 1793, 1796, 1799, 1802, 1805, 1808, 1811, 1814, 1817, 1820, 1823, 1826, 1829, 1935, 1949, 1952, 1955, 2061, 2064, 2067, 2070, 2073, 2076, 2079, 2082, 2085, 2088, 2091, 2094, 2097, 2100, 2103, 2106, 2109, 2112, 2115, 2118, 2121, 2124, 2127, 2130, 2133, 2136, 2139, 2142, 2145, 2157, 2160, 2163, 2166, 2169, 2305, 2308, 2311, 2314, 2317, 2320, 2323, 2326, 2338, 2341, 2344, 2347, 2350, 2353, 2356, 2359, 2362, 2365, 2368, 2371, 2374, 2377, 2515, 2518, 2521, 2524, 2527, 2530, 2533, 2536, 2539, 2542, 2545, 2683, 2686, 2689, 2838, 2841, 2844, 2847, 2850, 2853, 2856, 2859, 2871, 2874, 2877, 2880, 2883, 2886, 2889, 2892, 2895, 2898, 2901, 2904, 2907, 2910, 2913, 3051, 3054, 3057, 3060, 3063, 3066, 3069, 3072, 3075, 3078, 3081, 3084, 3087, 3090, 3093, 3096, 3099, 3102, 3105, 3108, 3111, 3114, 3117, 3120, 3123, 3126, 3129, 3132, 3135, 3147, 3150, 3153, 3156, 3292, 3295, 3298, 3301, 3315, 3453, 3456, 3459, 3462, 3465, 3468, 3471, 3474, 3477, 3480, 3483, 3486, 3489, 3492, 3625, 3628, 3631, 3634, 3637, 3640, 3643, 3657, 3794, 3797, 3800, 3803, 3806, 3809, 3812, 3815, 3818, 3821, 3824, 3827, 3830, 3833, 3836, 3839, 3842, 3845, 3848, 3851, 3854, 3987, 3990, 3993, 3996, 3999, 4002, 4005, 4008, 4011, 4014, 4017, 4020, 4023, 4026, 4029, 4032, 4035, 4038, 4041, 4044, 4170, 4173, 4176, 4179, 4182, 4185, 4188, 4191, 4194, 4197, 4200, 4291, 4294, 4297, 4300, 4303, 4306, 4309, 4312, 4448, 4451, 4454, 4457, 4460, 4463, 4466, 4469, 4472, 4475, 4478, 4481, 4484, 4622, 4625, 4628, 4631, 4634, 4637, 4640, 4643, 4646, 4649, 4652, 4655, 4658, 4672, 4675, 4813, 4816, 4819, 4822, 4825, 4828, 4831, 4834, 4837, 4840, 4843, 4846, 4849, 4852, 4855, 4858, 4861, 4864, 4867, 4870, 4873, 4876, 4879, 4882, 4885, 4888, 4891, 4894, 4897, 4900, 5037, 5040, 5043, 5046,
<code>\OE</code>	372, 1860, 1986, 3868, 4247, 4981, 5215, 5568	
<code>\oe</code>	371, 1861, 1987, 3881, 4277, 4982, 5231, 5591	
<code>\oint</code>	233, 5479	
<code>\Omega</code>	197, 2065, 3055, 4814, 5510, 5511	
<code>\oalign</code>	1020, 1937, 2696, 3308, 3650, 4665	
<b>P</b>		
<code>\PackageError</code>	33	
<code>\PackageInfo</code>	28	
<code>\PackageWarning</code>	21, 67	
<code>\partial</code>	4479, 4883, 5517	
<code>\PassOptionsToPackage</code>	91, 100, 102, 107	
<code>\Phi</code>	200, 2068, 3058, 5518	
<code>\phi</code>	281, 2137, 3127, 5519	
<code>\Pi</code>	4892	
<code>\pi</code>	284, 2140, 3130, 4886, 5520	
<code>\pm</code>	287, 492, 1182, 1304, 1573, 1818, 1956, 2143, 2363, 2899, 3133, 3490, 3658, 3840, 4033, 4192, 4673, 4889, 5092	
<code>\ProcessOptions</code>	86	
<code>\prod</code>	5521	
<code>\providecommand</code>	5, 6	
<code>\ProvidesFile</code>	124, 184, 189, 448, 608, 738, 873, 1009, 1126, 1260, 1420, 1538, 1686, 1789, 1931, 2057, 2301, 2511, 2679, 2834, 3047, 3288, 3449, 3621, 3790, 3983, 4166, 4287, 4444, 4618, 4809, 5033, 5244, 5453, 5457, 5461, 5468	
<code>\ProvidesPackage</code>	3	
<code>\ProvideTextCommandDefault</code>	193, 196, 199, 202, 205, 208, 211, 214, 217, 220, 223, 226, 229, 232, 235, 238, 241, 244, 247, 250, 253, 256, 259, 262, 265, 268, 271, 274, 277, 280, 283, 286, 289, 301, 304, 307, 310, 313, 316, 452, 455, 458, 461, 464, 467, 470, 473, 476, 479, 482, 485, 488, 491, 494, 497, 500, 503, 506, 612, 615, 618, 621, 624, 627, 630, 633, 636, 742, 745, 748, 751, 754, 757, 760, 763, 766, 769, 772, 775, 778, 877, 880, 883, 886, 889, 892, 895, 898, 901, 904, 907, 1013, 1130, 1133, 1136, 1139, 1142, 1145, 1148, 1160, 1163, 1166, 1169, 1172, 1175, 1178, 1181, 1184, 1187, 1190, 1193, 1196, 1264, 1267, 1270, 1273, 1276, 1279, 1282, 1285, 1288, 1291, 1294, 1297, 1300, 1303, 1306, 1309, 1312, 1315, 1318, 1424, 1427,	

5049, 5052, 5055, 5058, 5061, 5064, 5067, 5070, 5073, 5076, 5079, 5082, 5085, 5088, 5091, 5094, 5097, 5100, 5103, 5106, 5238	<b>T</b>
<b>Q</b>	<b>\t</b> ..... 5596
<b>\quotedblbase</b> ..... 1592, 1963, 3497, 3664, 3860, 4049, 4586, 4765, 5002, 5166, 5592	<b>\tau</b> ..... 308, 2164, 3154, 5531
<b>\quotesinglbase</b> ..... 3496, 3662, 3858, 4048, 4585, 5001, 5165, 5593	<b>\textacutedbl</b> 612, 668, 2515, 2661, 3453, 3551, 4816, 5027, 5037, 5186
<b>R</b>	<b>\textalpha</b> ..... 208, 415, 2076, 2268, 3066, 3255, 5338, 5473
<b>\r</b> ..... 325, 334, 546, 578, 696, 728, 947, 979, 1358, 1390, 1476, 1508, 1624, 1656, 1727, 1759, 1869, 1901, 2178, 2187, 2386, 2395, 2553, 2642, 2922, 2931, 3165, 3174, 3579, 3611, 3921, 3953, 4104, 4136, 4230, 4260, 4600, 4602, 4904, 4915, 5025, 5115, 5183, 5199, 5331, 5594	<b>\textapplelogo</b> ..... 5238, 5239, 5241
<b>\raise</b> 1021, 1940, 2697, 3309, 3651, 4666	<b>\textapproxequal</b> . 211, 436, 2079, 2289, 3069, 3276, 4291, 4337, 4622, 4747, 4819, 4972, 5393, 5474
<b>\raisebox</b> ..... 1153, 1155, 2331, 2333, 2864, 2866	<b>\textasciicute</b> ... 214, 377, 452, 529, 615, 659, 742, 799, 880, 930, 1130, 1218, 1264, 1341, 2305, 2491, 2518, 2659, 2838, 3027, 3456, 3542, 3794, 3904, 3987, 4087, 4822, 4946, 5040, 5175
<b>\rangle</b> ..... 5522	<b>\textasciibreve</b> ..... 618, 641, 745, 783, 2521, 2664, 3459, 3524, 4825, 5023, 5043, 5179
<b>\rbrace</b> ..... 5490	<b>\textasciicaron</b> ..... .... 621, 662, 883, 933, 2524, 2663, 3462, 3523, 3990, 4056, 4448, 4614, 4828, 5029, 5046, 5188
<b>\reflectbox</b> ..... 295, 2151, 3141	<b>\textasciicircum</b> 3864, 5020, 5176, 5597
<b>\RequirePackage</b> ..... 94, 115	<b>\textasciidieresis</b> ..... ..... 217, 376, 455, 517, 624, 647, 748, 788, 886, 918, 1133, 1206, 1267, 1329, 2308, 2501, 2527, 2669, 2841, 3037, 3465, 3530, 3797, 3892, 3993, 4055, 4451, 4531, 4831, 4947, 5049, 5181
<b>\RestoreAtCatcode</b> ..... 191, 445, 450, 605, 610, 735, 740, 870, 875, 1006, 1011, 1123, 1128, 1257, 1262, 1417, 1422, 1535, 1540, 1683, 1688, 1786, 1791, 1928, 1933, 2054, 2059, 2298, 2303, 2508, 2513, 2676, 2681, 2831, 2836, 3044, 3049, 3285, 3290, 3446, 3451, 3618, 3623, 3787, 3792, 3980, 3985, 4163, 4168, 4284, 4289, 4441, 4446, 4615, 4620, 4806, 4811, 5030, 5035, 5235, 5463, 5465, 5470, 5537	<b>\textasciigrave</b> .... 5052, 5174, 5329
<b>\rightarrow</b> ..... 5524	<b>\textasciimacron</b> ..... 220, 444, 458, 524, 889, 925, 1136, 1213, 1270, 1336, 1793, 1847, 2311, 2490, 2844, 3026, 3800, 3899, 3996, 4067, 4834, 5022, 5055, 5178
<b>\rlap</b> 1153, 1155, 2331, 2333, 2864, 2866	<b>\textasciitilde</b> 3877, 5021, 5177, 5598
<b>S</b>	<b>\textasteriskcentered</b> ..... 5599
<b>\sbox</b> ..... 1150, 2328, 2861	<b>\textbackslash</b> ..... 5600
<b>\selectfont</b> ..... 1019, 1943, 2695, 3307, 3649, 4664	<b>\textbar</b> ..... 5601
<b>\sf@size</b> . 1017, 2693, 3305, 3647, 4662	<b>\textbardbl</b> ..... 5475, 5602
<b>\Sigma</b> 203, 2071, 3061, 4482, 4895, 5526	<b>\textbeta</b> ..... 223, 416, 5339, 5476
<b>\sigma</b> ..... 302, 2158, 3148, 5527	<b>\textbigcirc</b> ..... 5603
<b>\SS</b> ..... 5569	<b>\textblacksquare</b> ..... 2082, 2296, 2314, 2506, 2530, 2674, 2683, 2829, 2847, 3042, 3072, 3283, 3292, 3444, 4294, 4334, 5399
<b>\ss</b> ..... 349, 572, 702, 839, 973, 1384, 1502, 1650, 1753, 1895, 2021, 2269, 2477, 2645, 3013, 3256, 3585, 3947, 4130, 4254, 4526, 4942, 5232, 5472, 5595	<b>\textblock</b> ..... 2263, 2471, 2639, 2794, 3007, 3250, 3409, 4328, 5445
<b>\ssf@size</b> ..... 1942	<b>\textbraceleft</b> ..... 5489, 5604
<b>\sum</b> ..... 5529	<b>\textbraceright</b> ..... 5490, 5605
<b>\surd</b> ..... 305, 2161, 3151, 3316, 4310, 4485, 4676, 4898, 5530	<b>\textbrokenbar</b> ..... 461, 462, 515, 1139, 1140, 1204, 1273, 1274, 1327, 1542, 1543, 1593, 2317, 2318, 2473, 2850, 2851, 3009, 3468, 3469, 3528, 3625, 3626, 3697, 3803, 3804, 3890, 3999, 4000, 4073, 5058, 5059, 5162
	<b>\textbullet</b> ..... .. 438, 2291, 3278, 3439, 3512,

3681, 3874, 4062, 4335, 4524,	3275, 3477, 3478, 3609, 3815,
4715, 4940, 5164, 5386, 5477, 5606	3816, 3971, 4011, 4012, 4154,
<code>\textcap</code> ..... 226, 413, 5389, 5478	4300, 4301, 4344, 4457, 4458,
<code>\textcent</code> 229, 230, 346, 464, 465, 511,	4573, 4628, 4629, 4764, 4843,
1142, 1143, 1200, 1276, 1277,	4844, 4989, 5067, 5068, 5140, 5491
1323, 1545, 1546, 1589, 1796,	<code>\textdkshade</code> .... 2222, 2430, 2598,
1797, 1834, 2085, 2086, 2199,	2753, 2966, 3209, 3368, 4333, 5450
2320, 2321, 2441, 2853, 2854,	<code>\textdnblock</code> .... 2264, 2472, 2640,
2977, 3806, 3807, 3886, 4002,	2795, 3008, 3251, 3410, 4327, 5444
4003, 4070, 4170, 4171, 4204,	<code>\textdollar</code> ..... 5486, 5612
4837, 4838, 4937, 5061, 5062, 5143	<code>\textdownarrow</code> ..... 5492
<code>\textcircled</code> ..... 5607	<code>\textelement</code> .... 244, 429, 5383, 5493
<code>\textcommabelow</code> . 1935, 1968, 1984,	<code>\textellipsis</code> 3498, 3665, 3861, 4050,
2020, 2052, 5325, 5326, 5327, 5328	4560, 4751, 4976, 5169, 5494, 5613
<code>\textcompwordmark</code> ..... 5608	<code>\textemdash</code> .... 3514, 3683, 3876,
<code>\textcontourintegral</code> ..... 4064, 4568, 4759, 4984, 5189, 5614	<code>\textendash</code> .... 3513, 3682, 3875,
..... 232, 427, 5392, 5479	4063, 4567, 4758, 4983, 5158, 5615
<code>\textcopyright</code> ..... 380,	<code>\textepsilon</code> ..... 2097, 2282, 3087, 3269, 5341, 5487
518, 1207, 1330, 1596, 1699,	<code>\textequivalence</code> ..... 247, 431,
1841, 1967, 2436, 2972, 3531,	2100, 2284, 3090, 3271, 5395, 5488
3700, 3893, 4076, 4209, 4376,	<code>\texteuro</code> ..... 1805,
4528, 4719, 4944, 5141, 5480, 5609	1806, 1836, 1952, 1953, 1962,
<code>\textcup</code> ..... 5481	2877, 2878, 3001, 3480, 3481,
<code>\textcurrency</code> 467, 468, 513, 627, 628,	3495, 3634, 3635, 3668, 3818,
643, 751, 752, 785, 892, 893,	3819, 3857, 4014, 4015, 4047,
914, 1145, 1146, 1202, 1279,	4631, 4632, 4805, 4846, 4847, 4994
1280, 1325, 1548, 1549, 1591,	<code>\textexclamdown</code> ..... 364, 510,
2323, 2324, 2459, 2533, 2534,	1322, 1833, 2217, 2425, 2961,
2627, 2686, 2687, 2782, 2856,	3204, 3885, 4203, 4968, 5142, 5616
2857, 2995, 3075, 3076, 3206,	<code>\textflorin</code> ..... 250, 350,
3295, 3296, 3443, 3471, 3472,	2103, 2203, 2344, 2411, 2880,
3526, 3628, 3629, 3695, 3809,	2947, 3093, 3190, 3821, 3859,
3810, 3888, 4005, 4006, 4072,	4634, 4746, 4849, 4971, 5070, 5147
4173, 4174, 4208, 5064, 5065, 5149	<code>\textfractionsolidus</code> ..... 4852, 4993, 5073, 5145
<code>\textdagger</code> ..... 378, 3499, 3666, 3862, 4051,	<code>\textGamma</code> ..... 193, 417,
4519, 4710, 4935, 5159, 5482, 5610	2061, 2270, 3051, 3257, 5333, 5495
<code>\textdaggerdbl</code> ..... 3500, 3667,	<code>\textgreater</code> ..... 5617
3863, 4052, 4999, 5160, 5483, 5611	<code>\textgreaterequal</code> ..... 253, 433, 2106, 2286, 3096,
<code>\textdblowlline</code> ..... 1148,	3273, 4303, 4339, 4460, 4538,
1229, 2326, 2494, 2859, 3030, 5378	4637, 4729, 4855, 4954, 5397, 5496
<code>\textdegree</code> ..... 235, 437, 470, 525, 630, 655,	<code>\texthorizontalbar</code> .. 1430, 1468, 5377
754, 795, 895, 926, 1160, 1214,	<code>\textincrement</code> ..... 4463, 4557,
1282, 1337, 1427, 1455, 1551,	4640, 4748, 4858, 4973, 5382, 5497
1603, 1799, 1848, 1949, 1974,	<code>\textinfinity</code> ..... 256,
2088, 2290, 2338, 2500, 2536,	414, 2109, 2280, 3099, 3267,
2668, 2871, 3036, 3078, 3277,	4643, 4726, 4861, 4951, 5388, 5498
3298, 3438, 3474, 3538, 3631,	<code>\textintegral</code> .. 4864, 4961, 5391, 5499
3707, 3812, 3900, 4008, 4083,	<code>\textintersection</code> ..... 259, 430,
4176, 4212, 4297, 4341, 4454,	2112, 2283, 3102, 3270, 5390, 5500
4520, 4625, 4711, 4840, 4936, 5484	<code>\textit</code> ..... 251, 2104, 2345,
<code>\textdelta</code> ..... 238, 426,	2881, 3094, 3822, 4635, 4850, 5071
2091, 2279, 3081, 3266, 5340, 5485	<code>\textkra</code> ..... 901,
<code>\textdiv</code> ..... 241, 242, 435, 473,	902, 912, 1433, 1434, 1534, 5278
474, 596, 633, 634, 726, 757,	<code>\textlangle</code> ..... 5501
758, 861, 898, 899, 997, 1163,	<code>\textleftarrow</code> ..... 5502
1164, 1224, 1285, 1286, 1408,	<code>\textless</code> ..... 5618
1554, 1555, 1674, 1802, 1803,	<code>\textlessequal</code> ..... 262, 434, 2115, 2287, 3105,
1919, 2094, 2095, 2288, 2341,	
2342, 2498, 2539, 2540, 2666,	
2874, 2875, 3034, 3084, 3085,	

3274, 4306, 4338, 4466, 4537, 4646, 4728, 4867, 4953, 5396, 5503	<code>\textparagraph</code> . . . . .
<code>\textlfblock</code> . . . . .	. . . 379, 531, 1220, 1343, 1609, 1712, 1854, 1980, 2496, 3032, 3544, 3713, 3906, 4089, 4217, 4525, 4716, 4941, 5163, 5516, 5622
. . . . 2265, 3252, 3411, 4329, 5446	<code>\textpartial</code> . . . . .
<code>\textlnot</code> . . . . . 265, 361, 476, 521, 1166, 1210, 1288, 1333, 1557, 1599, 1808, 1844, 2118, 2214, 2347, 2422, 2542, 2590, 2883, 2958, 3108, 3201, 3483, 3534, 3637, 3703, 3824, 3896, 4017, 4079, 4469, 4553, 4649, 4744, 4870, 4969, 5076, 5171, 5504	. . . . 4478, 4541, 4882, 4957, 5381, 5517
<code>\textlogicalnot</code> . . . . . 5505	<code>\textperiodcentered</code> . . . . 439, 532, 802, 1221, 1344, 1462, 1610, 1855, 1981, 2292, 2502, 3038, 3279, 3440, 3545, 3714, 3907, 4090, 4218, 4343, 5000, 5161, 5623
<code>\textlozenge</code> . . . . .	<code>\textpertenthousand</code> . . . . . 5624
. . . . 4472, 4574, 4873, 4990, 5400, 5506	<code>\textperthousand</code> . . . . . 3501, 3669, 3865, 4053, 5003, 5170, 5625
<code>\textltshade</code> . . . . 2220, 2428, 2596, 2751, 2964, 3207, 3366, 4331, 5448	<code>\textpeseta</code> 2133, 2202, 3123, 3189, 5380
<code>\textmalteseH</code> . . . . 760, 761, 782, 5266	<code>\textPhi</code> . . . . . 199, 423, 2067, 2276, 3057, 3263, 5336, 5518
<code>\textmalteseh</code> . . . . 763, 764, 796, 5267	<code>\textphi</code> . . . . . 280, 428, 2136, 2281, 3126, 3268, 5345, 5519
<code>\textmu</code> . . . . . 268, 421, 479, 530, 766, 800, 1169, 1219, 1291, 1342, 1560, 1608, 1811, 1853, 2121, 2274, 2350, 2482, 2886, 3018, 3111, 3261, 3486, 3543, 3640, 3712, 3827, 3905, 4020, 4088, 4179, 4216, 4652, 4731, 4876, 4956, 5079, 5138, 5507	<code>\textpi</code> . . . . . 283, 418, 2139, 2271, 3129, 3258, 4885, 4960, 5342, 5520
<code>\textnotequal</code> . . . . . 4475, 4532, 4655, 4723, 4879, 4948, 5394, 5508	<code>\textpm</code> . . . . . 286, 432, 491, 526, 1181, 1215, 1303, 1338, 1572, 1604, 1817, 1849, 1955, 1975, 2142, 2285, 2362, 2493, 2898, 3029, 3132, 3272, 3489, 3539, 3657, 3708, 3839, 3901, 4032, 4084, 4191, 4213, 4672, 4727, 4888, 4952, 5091, 5190
<code>\textnsuperior</code> . . . . . 271, 441, 2124, 2294, 3114, 3281, 5379, 5509	<code>\textproduct</code> . . . 4891, 4959, 5384, 5521
<code>\textnumero</code> 1013, 1107, 2689, 2814, 3301, 3442, 3643, 3716, 4658, 4770	<code>\textquestiondown</code> . . . . 359, 540, 1352, 1863, 2212, 2420, 2956, 3199, 3915, 4224, 4967, 5172, 5626
<code>\textogonekcentered</code> . . . . . 5619	<code>\textquotedbl</code> . . . . . 5627
<code>\textohm</code> . . . . . 5510	<code>\textquotedblleft</code> . . . . .
<code>\textOmega</code> . . . 196, 425, 2064, 2278, 3054, 3265, 4813, 4964, 5337, 5511	. . . . 1607, 3510, 3679, 3872, 4060, 4569, 4760, 4985, 5151, 5628
<code>\textonehalf</code> . . . . . 274, 362, 482, 538, 769, 808, 1172, 1227, 1294, 1350, 1563, 1616, 2127, 2215, 2353, 2423, 2889, 2959, 3117, 3202, 3830, 3913, 4023, 4096, 4182, 4223, 5082, 5192, 5512	<code>\textquotedblright</code> . . . . .
<code>\textonequarter</code> . . . . .	. . . 1588, 1979, 3511, 3680, 3873, 4061, 4570, 4761, 4986, 5167, 5629
. . . . 277, 363, 485, 537, 1175, 1226, 1297, 1349, 1566, 1615, 2130, 2216, 2356, 2424, 2892, 2960, 3120, 3203, 3833, 3912, 4026, 4095, 4185, 4222, 5085, 5191, 5513	<code>\textquoteright</code> . . . . .
<code>\textonesuperior</code> . . . . . 488, 534, 1178, 1223, 1300, 1346, 1569, 1612, 1814, 1857, 2359, 2503, 2895, 3039, 3836, 3909, 4029, 4092, 4188, 4219, 5088, 5173, 5514	. . . . 1682, 3509, 3678, 3871, 4059, 4572, 4763, 4988, 5150, 5631
<code>\textopenbullet</code> . . . . . 5515	<code>\texttriangle</code> . . . . . 5522
<code>\textordfeminine</code> . . . . . 357, 519, 1331, 1842, 2210, 2418, 2954, 3197, 3894, 4210, 4962, 5208, 5620	<code>\textregistered</code> . . . . . 381, 523, 1212, 1335, 1601, 1704, 1846, 2421, 2957, 3536, 3705, 3898, 4081, 4527, 4718, 4943, 5157, 5632
<code>\textordmasculine</code> . . . . . 358, 535, 1347, 1858, 2211, 2419, 2955, 3198, 3910, 4220, 4963, 5216, 5621	<code>\textrevlogicalnot</code> . . . . .
	. . . 289, 292, 360, 2145, 2148, 2213, 3135, 3138, 3200, 5398, 5523
	<code>\textrightarrow</code> . . . . . 5524
	<code>\textrtblock</code> . . . . .
	. . . . 2266, 3253, 3412, 4330, 5447
	<code>\textsection</code> . . . . . 412, 516, 646, 787, 917, 1120, 1205, 1328, 1446, 1594, 1697, 1839, 1965, 2497, 2665, 2828, 3033,

3529, 3698, 3891, 4074, 4207, 4523, 4714, 4939, 5148, 5525, 5633	<code>\textSFxxxix</code> . . . . 2245, 2453, 2621, 2776, 2989, 3232, 3391, 4350, 5418
<code>\textSFi</code> . . . . . 2262, 2470, 2638, 2793, 3006, 3249, 3408, 4317, 5405	<code>\textSFxxxvi</code> . . . . . 2242, 3229, 3388, 4360, 5428
<code>\textSFii</code> . . . . . 2236, 2444, 2612, 2767, 2980, 3223, 3382, 4319, 5407	<code>\textSFxxxvii</code> . . . . . 2243, 3230, 3389, 4361, 5429
<code>\textSFiii</code> . . . . . 2235, 2443, 2611, 2766, 2979, 3222, 3381, 4318, 5406	<code>\textSFxxxviii</code> . . 2244, 2452, 2620, 2775, 2988, 3231, 3390, 4356, 5424
<code>\textSFiv</code> . . . . . 2261, 2469, 2637, 2792, 3005, 3248, 3407, 4320, 5408	<code>\textshade</code> . . . . . 2221, 2429, 2597, 2752, 2965, 3208, 3367, 4332, 5449
<code>\textSFix</code> . . . . . 2224, 2432, 2600, 2755, 2968, 3211, 3370, 4322, 5410	<code>\textSigma</code> . . . . . 202, 419, 2070, 2272, 3060, 3259, 5335, 5526
<code>\textSF1</code> . . 2256, 3243, 3402, 4354, 5422	<code>\textsigma</code> . . . . . 301, 420, 2157, 2273, 3147, 3260, 5343, 5527
<code>\textSFli</code> 2257, 3244, 3403, 4347, 5416	<code>\textsterling</code> . . . . . 347, 512, 784, 1201, 1324, 1590, 1693, 1835, 2200, 2408, 2944, 3187, 3887, 4071, 4205, 4522, 4713, 4938, 5144, 5528, 5634
<code>\textSFlii</code> 2258, 3245, 3404, 4349, 5417	<code>\textsummation</code> . . . . . 4481, 4542, 4894, 4958, 5385, 5529
<code>\textSFliii</code> 2259, 3246, 3405, 4374, 5441	<code>\textsurd</code> . . . . . 304, 440, 2160, 2293, 3150, 3280, 3315, 3441, 4309, 4336, 4484, 4554, 4675, 4745, 4897, 4970, 5387, 5530
<code>\textSFliv</code> 2260, 3247, 3406, 4373, 5440	<code>\TextSymbolUnavailable</code> . . . . . 230, 242, 292, 317, 462, 465, 468, 474, 507, 628, 634, 752, 758, 761, 764, 878, 893, 899, 902, 908, 1140, 1143, 1146, 1164, 1197, 1274, 1277, 1280, 1286, 1319, 1425, 1434, 1437, 1543, 1546, 1549, 1555, 1797, 1803, 1806, 1830, 1953, 2086, 2095, 2148, 2170, 2318, 2321, 2324, 2342, 2378, 2534, 2540, 2687, 2851, 2854, 2857, 2875, 2878, 2914, 3076, 3085, 3138, 3296, 3469, 3472, 3478, 3481, 3626, 3629, 3635, 3804, 3807, 3810, 3816, 3819, 3855, 4000, 4003, 4006, 4012, 4015, 4171, 4174, 4201, 4301, 4458, 4629, 4632, 4838, 4844, 4847, 4901, 5059, 5062, 5065, 5068, 5107, 5239
<code>\textSFv</code> . . . . . 2241, 2449, 2617, 2772, 2985, 3228, 3387, 4325, 5413	<code>\texttau</code> . . . . . 307, 422, 2163, 2275, 3153, 3262, 5344, 5531
<code>\textSFvi</code> . . . . . 2238, 2446, 2614, 2769, 2982, 3225, 3384, 4323, 5411	<code>\textTheta</code> . . . . . 205, 424, 2073, 2277, 3063, 3264, 5334, 5532
<code>\textSFvii</code> . . . . . 2237, 2445, 2613, 2768, 2981, 3224, 3383, 4324, 5412	<code>\textthreequarters</code> 494, 539, 1184, 1228, 1306, 1351, 1575, 1617, 2365, 2495, 2901, 3031, 3842, 3914, 4035, 4097, 5094, 5193, 5533
<code>\textSFviii</code> . . . . . 2239, 2447, 2615, 2770, 2983, 3226, 3385, 4321, 5409	<code>\textthreesuperior</code> . . . . . 310, 443, 497, 528, 772, 798, 1187, 1217, 1309, 1340, 1578, 1606, 1820, 1851, 2368, 2504, 2904, 3040, 3845, 3903, 4038, 4086, 4194, 4215, 5097, 5185, 5534
<code>\textSFx</code> . . . . . 2240, 2448, 2616, 2771, 2984, 3227, 3386, 4315, 5403	<code>\texttimes</code> . . . . . 500, 564, 636, 694, 775, 831, 904, 965, 1190, 1208, 1312, 1376, 1581, 1642,
<code>\textSFxi</code> . . . . . 2223, 2431, 2599, 2754, 2967, 3210, 3369, 4316, 5404	
<code>\textSFxix</code> 2225, 3212, 3371, 4363, 5431	
<code>\textSFxl</code> . . . . . 2246, 2454, 2622, 2777, 2990, 3233, 3392, 4372, 5439	
<code>\textSFxli</code> . . . . . 2247, 2455, 2623, 2778, 2991, 3234, 3393, 4369, 5436	
<code>\textSFxlii</code> . . . . . 2248, 2456, 2624, 2779, 2992, 3235, 3394, 4362, 5430	
<code>\textSFxliii</code> . . . . 2249, 2457, 2625, 2780, 2993, 3236, 3395, 4345, 5414	
<code>\textSFxliv</code> . . . . . 2250, 2458, 2626, 2781, 2994, 3237, 3396, 4375, 5442	
<code>\textSFxlix</code> 2255, 3242, 3401, 4355, 5423	
<code>\textSFxlv</code> 2251, 3238, 3397, 4370, 5437	
<code>\textSFxlvi</code> 2252, 3239, 3398, 4371, 5438	
<code>\textSFxlvii</code> . . . . . 2253, 3240, 3399, 4367, 5434	
<code>\textSFxlviiii</code> . . . . . 2254, 3241, 3400, 4368, 5435	
<code>\textSFxx</code> 2226, 3213, 3372, 4365, 5432	
<code>\textSFxxi</code> 2227, 3214, 3373, 4352, 5420	
<code>\textSFxxii</code> 2228, 3215, 3374, 4351, 5419	
<code>\textSFxxiii</code> . . . . 2229, 2437, 2605, 2760, 2973, 3216, 3375, 4366, 5433	
<code>\textSFxxiv</code> . . . . . 2230, 2438, 2606, 2761, 2974, 3217, 3376, 4346, 5415	
<code>\textSFxxv</code> . . . . . 2231, 2439, 2607, 2762, 2975, 3218, 3377, 4353, 5421	
<code>\textSFxxvi</code> . . . . . 2232, 2440, 2608, 2763, 2976, 3219, 3378, 4359, 5427	
<code>\textSFxxvii</code> . . . . . 2233, 3220, 3379, 4358, 5426	
<code>\textSFxxviii</code> . . . . . 2234, 3221, 3380, 4357, 5425	

1823, 1887, 2371, 2410, 2545, 2578, 2907, 2946, 3492, 3577, 3848, 3939, 4041, 4122, 5100, 5139	1191, 1313, 1582, 1824, 2372, 2546, 2908, 3493, 3849, 4042, 5101
<code>\texttrademark</code> . . . 382, 3515, 3684, 3878, 4065, 4529, 4720, 4945, 5635	<b>U</b>
<code>\textTstroke</code> . . . . . 877, 878, 922, 1424, 1425, 1450, 5289	<code>\u</code> 619, 674, 706, 746, 791, 806, 837, 867, 1369, 1401, 1993, 2025, 2522, 2618, 2619, 3460, 3557, 3589, 4826, 5044, 5295, 5296, 5639
<code>\texttstroke</code> . . . . . 907, 908, 938, 1436, 1437, 1466, 5290	<code>\uparrow</code> . . . . . 5536
<code>\texttwosuperior</code> . . . . . 313, 442, 503, 527, 778, 797, 1193, 1216, 1315, 1339, 1584, 1605, 1826, 1850, 2166, 2295, 2374, 2505, 2910, 3041, 3156, 3282, 3851, 3902, 4044, 4085, 4197, 4214, 4312, 4342, 5103, 5182, 5535	<b>V</b>
<code>\textunderscore</code> . . . . . 1150, 1153, 1155, 1157, 2328, 2331, 2333, 2335, 2861, 2864, 2866, 2868, 5636	<code>\v</code> . . . . . 622, 644, 648, 650, 653, 660, 664, 666, 669, 679, 683, 686, 689, 695, 711, 715, 718, 721, 727, 884, 919, 924, 935, 937, 940, 950, 982, 1449, 1451, 1458, 1465, 1467, 1479, 1511, 1627, 1635, 1649, 1659, 1663, 1667, 1681, 1838, 1840, 1852, 1856, 1964, 1966, 1976, 1978, 1982, 1983, 2525, 2569, 2570, 2575, 2576, 2579, 2586, 2587, 2592, 2603, 2630, 2632, 2633, 2636, 2649, 2650, 2651, 2672, 2673, 3463, 3502, 3505, 3506, 3516, 3519, 3520, 3550, 3552, 3562, 3566, 3569, 3572, 3578, 3594, 3598, 3601, 3604, 3610, 3866, 3869, 3879, 3882, 3991, 4107, 4115, 4129, 4139, 4143, 4147, 4161, 4449, 4496, 4498, 4504, 4506, 4516, 4517, 4533, 4546, 4547, 4556, 4562, 4578, 4581, 4584, 4587, 4591, 4592, 4594, 4595, 4829, 5047, 5263, 5640
<code>\textuparrow</code> . . . . . 5536	<code>\varepsilon</code> . . . . . 2098, 3088, 5487
<code>\textupblock</code> . . . . . 2267, 2475, 2643, 2798, 3011, 3254, 3413, 4326, 5443	<code>\Vert</code> . . . . . 5475
<code>\textvisiblespace</code> . . . . . 5637	<code>\vrule</code> . . . . . 2083, 2315, 2531, 2684, 2848, 3073, 3293, 4295
<code>\textyen</code> . . . 316, 317, 348, 506, 507, 514, 1196, 1197, 1203, 1318, 1319, 1326, 1829, 1830, 1837, 2169, 2170, 2201, 2377, 2378, 2442, 2913, 2914, 2978, 3854, 3855, 3889, 4200, 4201, 4206, 4900, 4901, 4955, 5106, 5107, 5146	<b>Z</b>
<code>\TH</code> . . . . . 571, 1501, 1894, 2484, 3020, 3946, 5137, 5570	<code>\z@</code> . . 1017, 1942, 2693, 3305, 3647, 4662
<code>\th</code> . . . . . 603, 1533, 1926, 2483, 3019, 3978, 5233, 5638	
<code>\the</code> . . . 191, 450, 610, 740, 875, 1011, 1128, 1262, 1422, 1540, 1688, 1791, 1933, 2059, 2303, 2513, 2681, 2836, 3049, 3290, 3451, 3623, 3792, 3985, 4168, 4289, 4446, 4620, 4811, 5035, 5463, 5470	
<code>\Theta</code> . . . . . 206, 2074, 3064, 5532	
<code>\times</code> . . . . . 501, 637, 776, 905,	