NAME

Locale::RecodeData::IBM423 – Conversion routines for IBM423

SYNOPSIS

This module is internal to libintl. Do not use directly!

DESCRIPTION

This module is generated and contains the conversion tables and routines for IBM423.

COMMENTS

The following comments have been extracted from the original charmap:

```
version: 1.0
 source: IBM NLS RM Vol2 SE09-8002-01, March 1990
alias CP423
alias EBCDIC-CP-GR
```

Please note that aliases listed above are not necessarily valid!

CHARACTER TABLE

The following table is sorted in the same order as the original charmap. All character codes are in hexadecimal. Please read 'ISO–10646' as 'ISO–10646–UCS4'.

```
Local | ISO-10646 | Description
-------+-----------+--------------------------------------------------
   00 |  00000000 | NULL (NUL)
   01 |  00000001 | START OF HEADING (SOH)
   02 |  00000002 | START OF TEXT (STX)
   03 |  00000003 | END OF TEXT (ETX)
   04 |  0000009C | STRING TERMINATOR (ST)
   05 |  00000009 | CHARACTER TABULATION (HT)
   06 |  00000086 | START OF SELECTED AREA (SSA)
   07 |  0000007F | DELETE (DEL)
   08 |  00000097 | END OF GUARDED AREA (EPA)
   09 |  0000008D | REVERSE LINE FEED (RI)
   0A |  0000008E | SINGLE-SHIFT TWO (SS2)
   0B |  0000000B | LINE TABULATION (VT)
   0C |  0000000C | FORM FEED (FF)
   0D |  0000000D | CARRIAGE RETURN (CR)
   0E |  0000000E | SHIFT OUT (SO)
   0F |  0000000F | SHIFT IN (SI)
   10 |  00000010 | DATALINK ESCAPE (DLE)
   11 |  00000011 | DEVICE CONTROL ONE (DC1)
   12 |  00000012 | DEVICE CONTROL TWO (DC2)
   13 |  00000013 | DEVICE CONTROL THREE (DC3)
   14 |  0000009D | OPERATING SYSTEM COMMAND (OSC)
   15 |  00000085 | NEXT LINE (NEL)
   16 |  00000008 | BACKSPACE (BS)
   17 |  00000087 | END OF SELECTED AREA (ESA)
   18 |  00000018 | CANCEL (CAN)
   19 |  00000019 | END OF MEDIUM (EM)
   1A |  00000092 | PRIVATE USE TWO (PU2)
   1B |  0000008F | SINGLE-SHIFT THREE (SS3)
   1C |  0000001C | FILE SEPARATOR (IS4)
   1D |  0000001D | GROUP SEPARATOR (IS3)
   1E |  0000001E | RECORD SEPARATOR (IS2)
   1F |  0000001F | UNIT SEPARATOR (IS1)
   20 |  00000080 | PADDING CHARACTER (PAD)
   21 |  00000081 | HIGH OCTET PRESET (HOP)
```

```
22 |  00000082 |  BREAK PERMITTED HERE (BPH)
23 |  00000083 |  NO BREAK HERE (NBH)
24 |  00000084 |  INDEX (IND)
25 |  0000000A |  LINE FEED (LF)
26 |  00000017 |  END OF TRANSMISSION BLOCK (ETB)
27 |  0000001B |  ESCAPE (ESC)
28 |  00000088 |  CHARACTER TABULATION SET (HTS)
29 |  00000089 |  CHARACTER TABULATION WITH JUSTIFICATION (HTJ)
2A |  0000008A |  LINE TABULATION SET (VTS)
2B |  0000008B |  PARTIAL LINE FORWARD (PLD)
2C |  0000008C |  PARTIAL LINE BACKWARD (PLU)
2D |  00000005 |  ENQUIRY (ENQ)
2E |  00000006 |  ACKNOWLEDGE (ACK)
2F |  00000007 |  BELL (BEL)
30 |  00000090 |  DEVICE CONTROL STRING (DCS)
31 |  00000091 |  PRIVATE USE ONE (PU1)
32 |  00000016 |  SYNCHRONOUS IDLE (SYN)
33 |  00000093 |  SET TRANSMIT STATE (STS)
34 |  00000094 |  CANCEL CHARACTER (CCH)
35 |  00000095 |  MESSAGE WAITING (MW)
36 |  00000096 |  START OF GUARDED AREA (SPA)
37 |  00000004 |  END OF TRANSMISSION (EOT)
38 |  00000098 |  START OF STRING (SOS)
39 |  00000099 |  SINGLE GRAPHIC CHARACTER INTRODUCER (SGCI)
3A |  0000009A |  SINGLE CHARACTER INTRODUCER (SCI)
3B |  0000009B |  CONTROL SEQUENCE INTRODUCER (CSI)
3C |  00000014 |  DEVICE CONTROL FOUR (DC4)
3D |  00000015 |  NEGATIVE ACKNOWLEDGE (NAK)
3E |  0000009E |  PRIVACY MESSAGE (PM)
3F |  0000001A |  SUBSTITUTE (SUB)
40 |  00000020 |  SPACE
41 |  00000391 |  GREEK CAPITAL LETTER ALPHA
42 |  00000392 |  GREEK CAPITAL LETTER BETA
43 |  00000393 |  GREEK CAPITAL LETTER GAMMA
44 |  00000394 |  GREEK CAPITAL LETTER DELTA
45 |  00000395 |  GREEK CAPITAL LETTER EPSILON
46 |  00000396 |  GREEK CAPITAL LETTER ZETA
47 |  00000397 |  GREEK CAPITAL LETTER ETA
48 |  00000398 |  GREEK CAPITAL LETTER THETA
49 |  00000399 |  GREEK CAPITAL LETTER IOTA
4A |  0000005B |  LEFT SQUARE BRACKET
4B |  0000002E |  FULL STOP
4C |  0000003C |  LESS-THAN SIGN
4D |  00000028 |  LEFT PARENTHESIS
4E |  0000002B |  PLUS SIGN
4F |  00000021 |  EXCLAMATION MARK
50 |  00000026 |  AMPERSAND
51 |  0000039A |  GREEK CAPITAL LETTER KAPPA
52 |  0000039B |  GREEK CAPITAL LETTER LAMDA
53 |  0000039C |  GREEK CAPITAL LETTER MU
54 |  0000039D |  GREEK CAPITAL LETTER NU
55 |  0000039E |  GREEK CAPITAL LETTER XI
56 |  0000039F |  GREEK CAPITAL LETTER OMICRON
57 |  000003A0 |  GREEK CAPITAL LETTER PI
```

```
58 |  000003A1 |  GREEK CAPITAL LETTER RHO
59 |  000003A3 |  GREEK CAPITAL LETTER SIGMA
5A |  0000005D |  RIGHT SQUARE BRACKET
5B |  00000024 |  DOLLAR SIGN
5C |  0000002A |  ASTERISK
5D |  00000029 |  RIGHT PARENTHESIS
5E |  0000003B |  SEMICOLON
5F |  0000005E |  CIRCUMFLEX ACCENT
60 |  0000002D |  HYPHEN-MINUS
61 |  0000002F |  SOLIDUS
62 |  000003A4 |  GREEK CAPITAL LETTER TAU
63 |  000003A5 |  GREEK CAPITAL LETTER UPSILON
64 |  000003A6 |  GREEK CAPITAL LETTER PHI
65 |  000003A7 |  GREEK CAPITAL LETTER CHI
66 |  000003A8 |  GREEK CAPITAL LETTER PSI
67 |  000003A9 |  GREEK CAPITAL LETTER OMEGA
6B |  0000002C |  COMMA
6C |  00000025 |  PERCENT SIGN
6D |  0000005F |  LOW LINE
6E |  0000003E |  GREATER-THAN SIGN
6F |  0000003F |  QUESTION MARK
71 |  00000386 |  GREEK CAPITAL LETTER ALPHA WITH TONOS
72 |  00000388 |  GREEK CAPITAL LETTER EPSILON WITH TONOS
73 |  00000389 |  GREEK CAPITAL LETTER ETA WITH TONOS
75 |  0000038A |  GREEK CAPITAL LETTER IOTA WITH TONOS
76 |  0000038C |  GREEK CAPITAL LETTER OMICRON WITH TONOS
77 |  0000038E |  GREEK CAPITAL LETTER UPSILON WITH TONOS
78 |  0000038F |  GREEK CAPITAL LETTER OMEGA WITH TONOS
79 |  00000060 |  GRAVE ACCENT
7A |  0000003A |  COLON
7B |  000000A3 |  POUND SIGN
7C |  000000A7 |  SECTION SIGN
7D |  00000027 |  APOSTROPHE
7E |  0000003D |  EQUALS SIGN
7F |  00000022 |  QUOTATION MARK
80 |  000000C4 |  LATIN CAPITAL LETTER A WITH DIAERESIS
81 |  00000061 |  LATIN SMALL LETTER A
82 |  00000062 |  LATIN SMALL LETTER B
83 |  00000063 |  LATIN SMALL LETTER C
84 |  00000064 |  LATIN SMALL LETTER D
85 |  00000065 |  LATIN SMALL LETTER E
86 |  00000066 |  LATIN SMALL LETTER F
87 |  00000067 |  LATIN SMALL LETTER G
88 |  00000068 |  LATIN SMALL LETTER H
89 |  00000069 |  LATIN SMALL LETTER I
8A |  000003B1 |  GREEK SMALL LETTER ALPHA
8B |  000003B2 |  GREEK SMALL LETTER BETA
8C |  000003B3 |  GREEK SMALL LETTER GAMMA
8D |  000003B4 |  GREEK SMALL LETTER DELTA
8E |  000003B5 |  GREEK SMALL LETTER EPSILON
8F |  000003B6 |  GREEK SMALL LETTER ZETA
90 |  000000D6 |  LATIN CAPITAL LETTER O WITH DIAERESIS
91 |  0000006A |  LATIN SMALL LETTER J
92 |  0000006B |  LATIN SMALL LETTER K
```

```
93 |   0000006C |  LATIN SMALL LETTER L
94 |   0000006D |  LATIN SMALL LETTER M
95 |   0000006E |  LATIN SMALL LETTER N
96 |   0000006F |  LATIN SMALL LETTER O
97 |   00000070 |  LATIN SMALL LETTER P
98 |   00000071 |  LATIN SMALL LETTER Q
99 |   00000072 |  LATIN SMALL LETTER R
9A |   000003B7 |  GREEK SMALL LETTER ETA
9B |   000003B8 |  GREEK SMALL LETTER THETA
9C |   000003B9 |  GREEK SMALL LETTER IOTA
9D |   000003BA |  GREEK SMALL LETTER KAPPA
9E |   000003BB |  GREEK SMALL LETTER LAMDA
9F |   000003BC |  GREEK SMALL LETTER MU
A0 |   000000DC |  LATIN CAPITAL LETTER U WITH DIAERESIS
A1 |   000000A8 |  DIAERESIS
A2 |   00000073 |  LATIN SMALL LETTER S
A3 |   00000074 |  LATIN SMALL LETTER T
A4 |   00000075 |  LATIN SMALL LETTER U
A5 |   00000076 |  LATIN SMALL LETTER V
A6 |   00000077 |  LATIN SMALL LETTER W
A7 |   00000078 |  LATIN SMALL LETTER X
A8 |   00000079 |  LATIN SMALL LETTER Y
A9 |   0000007A |  LATIN SMALL LETTER Z
AA |   000003BD |  GREEK SMALL LETTER NU
AB |   000003BE |  GREEK SMALL LETTER XI
AC |   000003BF |  GREEK SMALL LETTER OMICRON
AD |   000003C0 |  GREEK SMALL LETTER PI
AE |   000003C1 |  GREEK SMALL LETTER RHO
AF |   000003C2 |  GREEK SMALL LETTER FINAL SIGMA
B1 |   000003AC |  GREEK SMALL LETTER ALPHA WITH TONOS
B2 |   000003AD |  GREEK SMALL LETTER EPSILON WITH TONOS
B3 |   000003AE |  GREEK SMALL LETTER ETA WITH TONOS
B4 |   000003CA |  GREEK SMALL LETTER IOTA WITH DIALYTIKA
B5 |   000003AF |  GREEK SMALL LETTER IOTA WITH TONOS
B6 |   000003CC |  GREEK SMALL LETTER OMICRON WITH TONOS
B7 |   000003CD |  GREEK SMALL LETTER UPSILON WITH TONOS
B8 |   000003CB |  GREEK SMALL LETTER UPSILON WITH DIALYTIKA
B9 |   000003CE |  GREEK SMALL LETTER OMEGA WITH TONOS
BA |   000003C3 |  GREEK SMALL LETTER SIGMA
BB |   000003C4 |  GREEK SMALL LETTER TAU
BC |   000003C5 |  GREEK SMALL LETTER UPSILON
BD |   000003C6 |  GREEK SMALL LETTER PHI
BE |   000003C7 |  GREEK SMALL LETTER CHI
BF |   000003C8 |  GREEK SMALL LETTER PSI
C0 |   000000B8 |  CEDILLA
C1 |   00000041 |  LATIN CAPITAL LETTER A
C2 |   00000042 |  LATIN CAPITAL LETTER B
C3 |   00000043 |  LATIN CAPITAL LETTER C
C4 |   00000044 |  LATIN CAPITAL LETTER D
C5 |   00000045 |  LATIN CAPITAL LETTER E
C6 |   00000046 |  LATIN CAPITAL LETTER F
C7 |   00000047 |  LATIN CAPITAL LETTER G
C8 |   00000048 |  LATIN CAPITAL LETTER H
C9 |   00000049 |  LATIN CAPITAL LETTER I
```

```
CB |  000003C9 | GREEK SMALL LETTER OMEGA
CC |  000000C2 | LATIN CAPITAL LETTER A WITH CIRCUMFLEX
CD |  000000E0 | LATIN SMALL LETTER A WITH GRAVE
CE |  000000E4 | LATIN SMALL LETTER A WITH DIAERESIS
CF |  000000EA | LATIN SMALL LETTER E WITH CIRCUMFLEX
D0 |  000000B4 | ACUTE ACCENT
D1 |  0000004A | LATIN CAPITAL LETTER J
D2 |  0000004B | LATIN CAPITAL LETTER K
D3 |  0000004C | LATIN CAPITAL LETTER L
D4 |  0000004D | LATIN CAPITAL LETTER M
D5 |  0000004E | LATIN CAPITAL LETTER N
D6 |  0000004F | LATIN CAPITAL LETTER O
D7 |  00000050 | LATIN CAPITAL LETTER P
D8 |  00000051 | LATIN CAPITAL LETTER Q
D9 |  00000052 | LATIN CAPITAL LETTER R
DA |  000000B1 | PLUS-MINUS SIGN
DB |  000000E9 | LATIN SMALL LETTER E WITH ACUTE
DC |  000000E8 | LATIN SMALL LETTER E WITH GRAVE
DD |  000000EB | LATIN SMALL LETTER E WITH DIAERESIS
DE |  000000EE | LATIN SMALL LETTER I WITH CIRCUMFLEX
DF |  000000EF | LATIN SMALL LETTER I WITH DIAERESIS
E0 |  000000B0 | DEGREE SIGN
E2 |  00000053 | LATIN CAPITAL LETTER S
E3 |  00000054 | LATIN CAPITAL LETTER T
E4 |  00000055 | LATIN CAPITAL LETTER U
E5 |  00000056 | LATIN CAPITAL LETTER V
E6 |  00000057 | LATIN CAPITAL LETTER W
E7 |  00000058 | LATIN CAPITAL LETTER X
E8 |  00000059 | LATIN CAPITAL LETTER Y
E9 |  0000005A | LATIN CAPITAL LETTER Z
EA |  000000BD | VULGAR FRACTION ONE HALF
EB |  000000F6 | LATIN SMALL LETTER O WITH DIAERESIS
EC |  000000F4 | LATIN SMALL LETTER O WITH CIRCUMFLEX
ED |  000000FB | LATIN SMALL LETTER U WITH CIRCUMFLEX
EE |  000000F9 | LATIN SMALL LETTER U WITH GRAVE
EF |  000000FC | LATIN SMALL LETTER U WITH DIAERESIS
F0 |  00000030 | DIGIT ZERO
F1 |  00000031 | DIGIT ONE
F2 |  00000032 | DIGIT TWO
F3 |  00000033 | DIGIT THREE
F4 |  00000034 | DIGIT FOUR
F5 |  00000035 | DIGIT FIVE
F6 |  00000036 | DIGIT SIX
F7 |  00000037 | DIGIT SEVEN
F8 |  00000038 | DIGIT EIGHT
F9 |  00000039 | DIGIT NINE
FA |  000000FF | LATIN SMALL LETTER Y WITH DIAERESIS
FB |  000000E7 | LATIN SMALL LETTER C WITH CEDILLA
FC |  000000C7 | LATIN CAPITAL LETTER C WITH CEDILLA
FF |  0000009F | APPLICATION PROGRAM COMMAND (APC)
```

AUTHOR

Copyright (C) 2002−2016 Guido Flohr <http://www.guido-flohr.net/> (<mailto:guido.flohr@cantanea.com>), all rights reserved. See the source code for details!code for details!

SEE ALSO
     Locale::RecodeData (3), **Locale::Recode** (3), **perl** (1)