#### **NAME**

Locale::RecodeData::IBM500 - Conversion routines for IBM500

#### **SYNOPSIS**

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

#### DESCRIPTION

This module is generated and contains the conversion tables and routines for IBM500.

### **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 CP500
alias 500
alias 500V1
alias EBCDIC-CP-BE
alias EBCDIC-CP-CH
```

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	0000003	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	000000C	FORM FEED (FF)
0D	D000000D	CARRIAGE RETURN (CR)
ΟE	000000E	SHIFT OUT (SO)
0F	000000F	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	0000008	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)

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1F | 0000001F | UNIT SEPARATOR (IS1)
20 | 00000080 | PADDING CHARACTER (PAD)
21 | 00000081 | HIGH OCTET PRESET (HOP)
22 | 00000082 | BREAK PERMITTED HERE (BPH)
     00000083 | NO BREAK HERE (NBH)
23
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)
   | 00000016 | SYNCHRONOUS IDLE (SYN)
32
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)
     00000099 | SINGLE GRAPHIC CHARACTER INTRODUCER (SGCI)
39
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 | 000000A0 | NO-BREAK SPACE
42 | 000000E2 | LATIN SMALL LETTER A WITH CIRCUMFLEX
43 | 000000E4 | LATIN SMALL LETTER A WITH DIAERESIS
44 | 000000E0 | LATIN SMALL LETTER A WITH GRAVE
45 | 000000E1 | LATIN SMALL LETTER A WITH ACUTE
46 | 000000E3 | LATIN SMALL LETTER A WITH TILDE
     000000E5 | LATIN SMALL LETTER A WITH RING ABOVE
47
     000000E7 | LATIN SMALL LETTER C WITH CEDILLA
48
49 | 000000F1 | LATIN SMALL LETTER N WITH TILDE
4A | 0000005B | LEFT SQUARE BRACKET
4B | 0000002E | FULL STOP
4C | 0000003C | LESS-THAN SIGN
4D | 00000028 | LEFT PARENTHESIS
     0000002B | PLUS SIGN
4E
     00000021 | EXCLAMATION MARK
4F
50 | 00000026 | AMPERSAND
51 | 000000E9 | LATIN SMALL LETTER E WITH ACUTE
52 | 000000EA | LATIN SMALL LETTER E WITH CIRCUMFLEX
53 | 000000EB | LATIN SMALL LETTER E WITH DIAERESIS
54 | 000000E8 | LATIN SMALL LETTER E WITH GRAVE
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000000ED | LATIN SMALL LETTER I WITH ACUTE
     000000EE | LATIN SMALL LETTER I WITH CIRCUMFLEX
57 l
     000000EF | LATIN SMALL LETTER I WITH DIAERESIS
58 | 000000EC | LATIN SMALL LETTER I WITH GRAVE
     000000DF | LATIN SMALL LETTER SHARP S (German)
59
5A
     0000005D | RIGHT SQUARE BRACKET
5B | 00000024 | DOLLAR SIGN
5C | 0000002A | ASTERISK
5D | 00000029 | RIGHT PARENTHESIS
5E | 0000003B | SEMICOLON
5F | 0000005E | CIRCUMFLEX ACCENT
     0000002D | HYPHEN-MINUS
60
61
     0000002F | SOLIDUS
62 | 000000C2 | LATIN CAPITAL LETTER A WITH CIRCUMFLEX
63 | 000000C4 | LATIN CAPITAL LETTER A WITH DIAERESIS
64 | 000000C0 | LATIN CAPITAL LETTER A WITH GRAVE
65 | 000000C1 | LATIN CAPITAL LETTER A WITH ACUTE
66 | 000000C3 | LATIN CAPITAL LETTER A WITH TILDE
   000000C5 | LATIN CAPITAL LETTER A WITH RING ABOVE
67
     000000C7 | LATIN CAPITAL LETTER C WITH CEDILLA
69 | 000000D1 | LATIN CAPITAL LETTER N WITH TILDE
6A | 000000A6 | BROKEN BAR
6B | 0000002C | COMMA
6C | 00000025 | PERCENT SIGN
6D | 0000005F | LOW LINE
6E | 0000003E | GREATER-THAN SIGN
     0000003F | QUESTION MARK
бF
70 | 000000F8 | LATIN SMALL LETTER O WITH STROKE
71 | 000000C9 | LATIN CAPITAL LETTER E WITH ACUTE
72 | 000000CA | LATIN CAPITAL LETTER E WITH CIRCUMFLEX
73 | 000000CB | LATIN CAPITAL LETTER E WITH DIAERESIS
74 | 000000C8 | LATIN CAPITAL LETTER E WITH GRAVE
75 | 000000CD | LATIN CAPITAL LETTER I WITH ACUTE
76 | 000000CE | LATIN CAPITAL LETTER I WITH CIRCUMFLEX
     000000CF | LATIN CAPITAL LETTER I WITH DIAERESIS
77
78 | 000000CC | LATIN CAPITAL LETTER I WITH GRAVE
79 | 00000060 | GRAVE ACCENT
7A | 0000003A | COLON
7B | 00000023 | NUMBER SIGN
7C | 00000040 | COMMERCIAL AT
     00000027 | APOSTROPHE
7D
     0000003D | EQUALS SIGN
7F | 00000022 | QUOTATION MARK
80 | 000000D8 | LATIN CAPITAL LETTER O WITH STROKE
81 | 00000061 | LATIN SMALL LETTER A
82 | 00000062 | LATIN SMALL LETTER B
83 | 00000063 | LATIN SMALL LETTER C
     00000064 | LATIN SMALL LETTER D
84
     00000065 | LATIN SMALL LETTER E
85
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 | 000000AB | LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
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000000BB | RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
     000000F0 | LATIN SMALL LETTER ETH (Icelandic)
I G8
     000000FD | LATIN SMALL LETTER Y WITH ACUTE
     000000FE | LATIN SMALL LETTER THORN (Icelandic)
8E.
     000000B1 | PLUS-MINUS SIGN
8F
     000000B0 | DEGREE SIGN
90
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
     0000006F | LATIN SMALL LETTER O
96
97
     00000070 | LATIN SMALL LETTER P
98 | 00000071 | LATIN SMALL LETTER Q
99 | 00000072 | LATIN SMALL LETTER R
9A | 000000AA | FEMININE ORDINAL INDICATOR
9B | 000000BA | MASCULINE ORDINAL INDICATOR
9C | 000000E6 | LATIN SMALL LETTER AE
9D | 000000B8 | CEDILLA
     000000C6 | LATIN CAPITAL LETTER AE
9 F.
9F | 000000A4 | CURRENCY SIGN
A0 | 000000B5 | MICRO SIGN
A1 | 0000007E | TILDE
A2 | 00000073 | LATIN SMALL LETTER S
A3 | 00000074 | LATIN SMALL LETTER T
     00000075 | LATIN SMALL LETTER U
A4 |
     00000076 | LATIN SMALL LETTER V
Α5
Аб
   | 00000077 | LATIN SMALL LETTER W
A7 | 00000078 | LATIN SMALL LETTER X
A8 | 00000079 | LATIN SMALL LETTER Y
A9 | 0000007A | LATIN SMALL LETTER Z
AA | 000000A1 | INVERTED EXCLAMATION MARK
AB | 000000BF | INVERTED QUESTION MARK
     000000D0 | LATIN CAPITAL LETTER ETH (Icelandic)
AC
     000000DD | LATIN CAPITAL LETTER Y WITH ACUTE
AD
     000000DE | LATIN CAPITAL LETTER THORN (Icelandic)
AE |
AF | 000000AE | REGISTERED SIGN
B0 | 000000A2 | CENT SIGN
B1 | 000000A3 | POUND SIGN
B2 | 000000A5 | YEN SIGN
     000000B7 | MIDDLE DOT
В3
     000000A9 | COPYRIGHT SIGN
B5 | 000000A7 | SECTION SIGN
B6 | 000000B6 | PILCROW SIGN
B7 | 000000BC | VULGAR FRACTION ONE QUARTER
B8 | 000000BD | VULGAR FRACTION ONE HALF
B9 | 000000BE | VULGAR FRACTION THREE QUARTERS
     000000AC | NOT SIGN
BA
     0000007C | VERTICAL LINE
BB
     000000AF | MACRON
BC |
BD | 000000A8 | DIAERESIS
BE | 000000B4 | ACUTE ACCENT
BF | 000000D7 | MULTIPLICATION SIGN
CO | 0000007B | LEFT CURLY BRACKET
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00000041 | LATIN CAPITAL LETTER A
     00000042 | LATIN CAPITAL LETTER B
C3 |
     00000043 | LATIN CAPITAL LETTER C
C4
     00000044 | LATIN CAPITAL LETTER D
     00000045 | LATIN CAPITAL LETTER E
C5
     00000046 | LATIN CAPITAL LETTER F
C6
C7
     00000047 | LATIN CAPITAL LETTER G
C8
   00000048 | LATIN CAPITAL LETTER H
     00000049 | LATIN CAPITAL LETTER I
C9
     000000AD | SOFT HYPHEN
CA
     000000F4 | LATIN SMALL LETTER O WITH CIRCUMFLEX
CB |
     000000F6 | LATIN SMALL LETTER O WITH DIAERESIS
CC
     000000F2 | LATIN SMALL LETTER O WITH GRAVE
     000000F3 | LATIN SMALL LETTER O WITH ACUTE
CE
CF | 000000F5 | LATIN SMALL LETTER O WITH TILDE
DO | 0000007D | RIGHT CURLY BRACKET
D1 | 0000004A | LATIN CAPITAL LETTER J
D2 | 0000004B | LATIN CAPITAL LETTER K
     0000004C | LATIN CAPITAL LETTER L
D3
     0000004D | LATIN CAPITAL LETTER M
D4
D5
     0000004E | LATIN CAPITAL LETTER N
D6 | 0000004F | LATIN CAPITAL LETTER O
     00000050 | LATIN CAPITAL LETTER P
D7 |
D8 │
     00000051 | LATIN CAPITAL LETTER Q
     00000052 | LATIN CAPITAL LETTER R
D9 |
     000000B9 | SUPERSCRIPT ONE
DA
     000000FB | LATIN SMALL LETTER U WITH CIRCUMFLEX
DB
DC
     000000FC | LATIN SMALL LETTER U WITH DIAERESIS
DD | 000000F9 | LATIN SMALL LETTER U WITH GRAVE
DE | 000000FA | LATIN SMALL LETTER U WITH ACUTE
DF | 000000FF | LATIN SMALL LETTER Y WITH DIAERESIS
E0 | 0000005C | REVERSE SOLIDUS
E1 | 000000F7 | DIVISION SIGN
     00000053 | LATIN CAPITAL LETTER S
E2
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
     00000059 | LATIN CAPITAL LETTER Y
F.8
     0000005A | LATIN CAPITAL LETTER Z
F:9
EΑ
     000000B2 | SUPERSCRIPT TWO
EB
     000000D4 | LATIN CAPITAL LETTER O WITH CIRCUMFLEX
EC | 000000D6 | LATIN CAPITAL LETTER O WITH DIAERESIS
ED | 000000D2 | LATIN CAPITAL LETTER O WITH GRAVE
EE | 000000D3 | LATIN CAPITAL LETTER O WITH ACUTE
     000000D5 | LATIN CAPITAL LETTER O WITH TILDE
EF
     00000030 | DIGIT ZERO
F0
F1
     00000031 | DIGIT ONE
F2 |
     00000032 | DIGIT TWO
F3 | 00000033 | DIGIT THREE
F4 | 00000034 | DIGIT FOUR
F5 | 00000035 | DIGIT FIVE
F6 | 00000036 | DIGIT SIX
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F7		00000037	DIGIT SEVEN
F8	İ	00000038	DIGIT EIGHT
F9	ĺ	00000039	DIGIT NINE
FA		000000B3	SUPERSCRIPT THREE
FB		000000DB	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
FC		00000DC	LATIN CAPITAL LETTER U WITH DIAERESIS
FD		000000D9	LATIN CAPITAL LETTER U WITH GRAVE
FE		00000DA	LATIN CAPITAL LETTER U WITH ACUTE
FF		0000009F	APPLICATION PROGRAM COMMAND (APC)

### **AUTHOR**

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## **SEE ALSO**

Locale::RecodeData(3), Locale::Recode(3), perl(1)