

NAME

Locale::RecodeData::IBM037 – Conversion routines for IBM037

SYNOPSIS

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

DESCRIPTION

This module is generated and contains the conversion tables and routines for IBM037.

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 CP037
alias EBCDIC-CP-US
alias EBCDIC-CP-CA
alias EBCDIC-CP-WT
alias EBCDIC-CP-NL
```

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	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
47	000000E5	LATIN SMALL LETTER A WITH RING ABOVE
48	000000E7	LATIN SMALL LETTER C WITH CEDILLA
49	000000F1	LATIN SMALL LETTER N WITH TILDE
4A	000000A2	CENT SIGN
4B	0000002E	FULL STOP
4C	0000003C	LESS-THAN SIGN
4D	00000028	LEFT PARENTHESIS
4E	0000002B	PLUS SIGN
4F	0000007C	VERTICAL LINE
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

55	000000ED	LATIN SMALL LETTER I WITH ACUTE
56	000000EE	LATIN SMALL LETTER I WITH CIRCUMFLEX
57	000000EF	LATIN SMALL LETTER I WITH DIAERESIS
58	000000EC	LATIN SMALL LETTER I WITH GRAVE
59	000000DF	LATIN SMALL LETTER SHARP S (German)
5A	00000021	EXCLAMATION MARK
5B	00000024	DOLLAR SIGN
5C	0000002A	ASTERISK
5D	00000029	RIGHT PARENTHESIS
5E	0000003B	SEMICOLON
5F	000000AC	NOT SIGN
60	0000002D	HYPHEN-MINUS
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
67	000000C5	LATIN CAPITAL LETTER A WITH RING ABOVE
68	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
6F	0000003F	QUESTION MARK
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
77	000000CF	LATIN CAPITAL LETTER I WITH DIAERESIS
78	000000CC	LATIN CAPITAL LETTER I WITH GRAVE
79	00000060	GRAVE ACCENT
7A	0000003A	COLON
7B	00000023	NUMBER SIGN
7C	00000040	COMMERCIAL AT
7D	00000027	APOSTROPHE
7E	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
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	000000AB	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK

8B	000000BB	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
8C	000000F0	LATIN SMALL LETTER ETH (Icelandic)
8D	000000FD	LATIN SMALL LETTER Y WITH ACUTE
8E	000000FE	LATIN SMALL LETTER THORN (Icelandic)
8F	000000B1	PLUS-MINUS SIGN
90	000000B0	DEGREE SIGN
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	000000AA	FEMININE ORDINAL INDICATOR
9B	000000BA	MASCULINE ORDINAL INDICATOR
9C	000000E6	LATIN SMALL LETTER AE
9D	000000B8	CEDILLA
9E	000000C6	LATIN CAPITAL LETTER AE
9F	000000A4	CURRENCY SIGN
A0	000000B5	MICRO SIGN
A1	0000007E	TILDE
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	000000A1	INVERTED EXCLAMATION MARK
AB	000000BF	INVERTED QUESTION MARK
AC	000000D0	LATIN CAPITAL LETTER ETH (Icelandic)
AD	000000DD	LATIN CAPITAL LETTER Y WITH ACUTE
AE	000000DE	LATIN CAPITAL LETTER THORN (Icelandic)
AF	000000AE	REGISTERED SIGN
B0	0000005E	CIRCUMFLEX ACCENT
B1	000000A3	POUND SIGN
B2	000000A5	YEN SIGN
B3	000000B7	MIDDLE DOT
B4	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
BA	0000005B	LEFT SQUARE BRACKET
BB	0000005D	RIGHT SQUARE BRACKET
BC	000000AF	MACRON
BD	000000A8	DIAERESIS
BE	000000B4	ACUTE ACCENT
BF	000000D7	MULTIPLICATION SIGN
C0	0000007B	LEFT CURLY BRACKET

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
CA	000000AD	SOFT HYPHEN
CB	000000F4	LATIN SMALL LETTER O WITH CIRCUMFLEX
CC	000000F6	LATIN SMALL LETTER O WITH DIAERESIS
CD	000000F2	LATIN SMALL LETTER O WITH GRAVE
CE	000000F3	LATIN SMALL LETTER O WITH ACUTE
CF	000000F5	LATIN SMALL LETTER O WITH TILDE
D0	0000007D	RIGHT CURLY BRACKET
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	000000B9	SUPERSCRIPT ONE
DB	000000FB	LATIN SMALL LETTER U WITH CIRCUMFLEX
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
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	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
EF	000000D5	LATIN CAPITAL LETTER O WITH TILDE
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		000000B3		SUPERSCRIPT THREE
FB		000000DB		LATIN CAPITAL LETTER U WITH CIRCUMFLEX
FC		000000DC		LATIN CAPITAL LETTER U WITH DIAERESIS
FD		000000D9		LATIN CAPITAL LETTER U WITH GRAVE
FE		000000DA		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)