



**Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!**

***Rocky Enterprise Linux 9.2 Manual Pages on command 'Locale::RecodeData::IBM038.3pm'***

***\$ man Locale::RecodeData::IBM038.3pm***

Locale::RecodeData::IBM038(3pm)User Contributed Perl DocumentationLocale::RecodeData::IBM038(3pm)

#### NAME

Locale::RecodeData::IBM038 - Conversion routines for IBM038

#### SYNOPSIS

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

#### DESCRIPTION

This module is generated and contains the conversion tables and routines for IBM038.

#### COMMENTS

The following comments have been extracted from the original charmap:

version: 1.0

source: IBM 3174 Character Set Ref, GA27-3831-02, March 1990

alias EBCDIC-INT

alias CP038

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

| -----+-----+----- |           |                                |
|-------------------|-----------|--------------------------------|
| 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  
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  
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  
6A | 000000A6 | BROKEN BAR  
6B | 0000002C | COMMA  
6C | 00000025 | PERCENT SIGN  
6D | 0000005F | LOW LINE  
6E | 0000003E | GREATER-THAN SIGN  
6F | 0000003F | QUESTION MARK  
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  
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  
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  
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  
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  
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  
E0 | 0000005C | REVERSE SOLIDUS  
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  
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  
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)

perl v5.34.0

2022-02-06

Locale::RecodeData::IBM038(3pm)