

**NAME**

Encode::Byte - Single Byte Encodings

**SYNOPSIS**

```
use Encode qw/encode decode/;
$greek = encode("iso-8859-7", $utf8); # loads Encode::Byte implicitly
$utf8  = decode("iso-8859-7", $greek); # ditto
```

**ABSTRACT**

This module implements various single byte encodings. For most cases it uses \x80-\xff (upper half) to map non-ASCII characters. Encodings supported are as follows.

| Canonical                                                                                                                                                                          | Alias     | Description |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|
| -----                                                                                                                                                                              |           |             |
| # ISO 8859 series                                                                                                                                                                  |           |             |
| (iso-8859-1 is in built-in)                                                                                                                                                        |           |             |
| iso-8859-2                                                                                                                                                                         | latin2    | [ISO]       |
| iso-8859-3                                                                                                                                                                         | latin3    | [ISO]       |
| iso-8859-4                                                                                                                                                                         | latin4    | [ISO]       |
| iso-8859-5                                                                                                                                                                         |           | [ISO]       |
| iso-8859-6                                                                                                                                                                         |           | [ISO]       |
| iso-8859-7                                                                                                                                                                         |           | [ISO]       |
| iso-8859-8                                                                                                                                                                         |           | [ISO]       |
| iso-8859-9                                                                                                                                                                         | latin5    | [ISO]       |
| iso-8859-10                                                                                                                                                                        | latin6    | [ISO]       |
| iso-8859-11                                                                                                                                                                        |           |             |
| (iso-8859-12 is nonexistent)                                                                                                                                                       |           |             |
| iso-8859-13                                                                                                                                                                        | latin7    | [ISO]       |
| iso-8859-14                                                                                                                                                                        | latin8    | [ISO]       |
| iso-8859-15                                                                                                                                                                        | latin9    | [ISO]       |
| iso-8859-16                                                                                                                                                                        | latin10   | [ISO]       |
|                                                                                                                                                                                    |           |             |
| # Cyrillic                                                                                                                                                                         |           |             |
| koi8-f                                                                                                                                                                             |           |             |
| koi8-r                                                                                                                                                                             | cp878     | [RFC1489]   |
| koi8-u                                                                                                                                                                             | [RFC2319] |             |
|                                                                                                                                                                                    |           |             |
| # Vietnamese                                                                                                                                                                       |           |             |
| viscii                                                                                                                                                                             |           |             |
|                                                                                                                                                                                    |           |             |
| # all cp* are also available as ibm-*, ms-*, and windows-*                                                                                                                         |           |             |
| # also see                                                                                                                                                                         |           |             |
| L< <a href="http://msdn.microsoft.com/workshop/author/dhtml/reference/charsets/charset4.asp">http://msdn.microsoft.com/workshop/author/dhtml/reference/charsets/charset4.asp</a> > |           |             |
|                                                                                                                                                                                    |           |             |
| cp424                                                                                                                                                                              |           |             |
| cp437                                                                                                                                                                              |           |             |
| cp737                                                                                                                                                                              |           |             |
| cp775                                                                                                                                                                              |           |             |
| cp850                                                                                                                                                                              |           |             |
| cp852                                                                                                                                                                              |           |             |
| cp855                                                                                                                                                                              |           |             |
| cp856                                                                                                                                                                              |           |             |
| cp857                                                                                                                                                                              |           |             |

```
cp860
cp861
cp862
cp863
cp864
cp865
cp866
cp869
cp874
cp1006
cp1250 WinLatin2
cp1251 WinCyrillic
cp1252 WinLatin1
cp1253 WinGreek
cp1254 WinTurkish
cp1255 WinHebrew
cp1256 WinArabic
cp1257 WinBaltic
cp1258 WinVietnamese
```

```
# Macintosh
# Also see L<http://developer.apple.com/technotes/tn/tn1150.html>
MacArabic
MacCentralEurRoman
MacCroatian
MacCyrillic
MacFarsi
MacGreek
MacHebrew
MacIcelandic
MacRoman
MacRomanian
MacRumanian
MacSami
MacThai
MacTurkish
MacUkrainian

# More vendor encodings
AdobeStandardEncoding
nextstep
hp-roman8
```

## DESCRIPTION

To find how to use this module in detail, see *Encode*.

## SEE ALSO

*Encode*