

## NAME

Encode::TW - Taiwan-based Chinese Encodings

## SYNOPSIS

```
use Encode qw/encode decode/;
$big5 = encode("big5", $utf8); # loads Encode::TW implicitly
$utf8 = decode("big5", $big5); # ditto
```

## DESCRIPTION

This module implements tradition Chinese charset encodings as used in Taiwan and Hong Kong. Encodings supported are as follows.

| Canonical      | Alias                              | Description                              |
|----------------|------------------------------------|--|
| big5-eten      | /\bbig-?5\$/i                      | Big5 encoding (with ETen extensions)     |
|                | /\bbig5-?et(en)?\$/i               |  |
|                | /\btca-?big5\$/i                   |  |
| big5-hkscs     | /\bbig5-?hk(scs)?\$/i              | Big5 + Cantonese characters in Hong Kong |
|                | /\bhk(scs)?-?big5\$/i              |  |
| MacChineseTrad | Big5 + Apple Vendor Mappings       |  |
| cp950          | Code Page 950                      |  |
|                | = Big5 + Microsoft vendor mappings |  |

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

## NOTES

Due to size concerns, EUC-TW (Extended Unix Character), CCCII (Chinese Character Code for Information Interchange), BIG5PLUS (CMEX's Big5+) and BIG5EXT (CMEX's Big5e) are distributed separately on CPAN, under the name *Encode::HanExtra*. That module also contains extra China-based encodings.

## BUGS

Since the original big5 encoding (1984) is not supported anywhere (glibc and DOS-based systems uses big5 to mean big5-eten; Microsoft uses big5 to mean cp950), a conscious decision was made to alias big5 to big5-eten, which is the de facto superset of the original big5.

The CNS11643 encoding files are not complete. For common CNS11643 manipulation, please use EUC-TW in *Encode::HanExtra*, which contains planes 1-7.

The ASCII region (0x00-0x7f) is preserved for all encodings, even though this conflicts with mappings by the Unicode Consortium.

## SEE ALSO

*Encode*