

NAME

Locale::Country - standard codes for country identification

SYNOPSIS

```
use Locale::Country;

$country = code2country('jp' [,CODESET]);      # $country gets 'Japan'
$code    = country2code('Norway' [,CODESET]);  # $code gets 'no'

@codes   = all_country_codes( [CODESET]);
@names   = all_country_names();

# semi-private routines
Locale::Country::alias_code('uk' => 'gb');
Locale::Country::rename_country('gb' => 'Great Britain');
```

DESCRIPTION

The `Locale::Country` module provides access to several code sets that can be used for identifying countries, such as those defined in ISO 3166-1.

Most of the routines take an optional additional argument which specifies the code set to use. If not specified, the default ISO 3166-1 two-letter codes will be used.

SUPPORTED CODE SETS

There are several different code sets you can use for identifying countries. The ones currently supported are:

alpha-2

This is the set of two-letter (lowercase) codes from ISO 3166-1, such as 'tv' for Tuvalu.

This code set is identified with the symbol `LOCALE_CODE_ALPHA_2`.

This is the default code set.

alpha-3

This is the set of three-letter (lowercase) codes from ISO 3166-1, such as 'brb' for Barbados. These codes are actually defined and maintained by the U.N. Statistics division.

This code set is identified with the symbol `LOCALE_CODE_ALPHA_3`.

numeric

This is the set of three-digit numeric codes from ISO 3166-1, such as 064 for Bhutan. These codes are actually defined and maintained by the U.N. Statistics division.

If a 2-digit code is entered, it is converted to 3 digits by prepending a 0.

This code set is identified with the symbol `LOCALE_CODE_NUMERIC`.

fips-10

The FIPS 10 data are two-letter (uppercase) codes assigned by the National Geospatial-Intelligence Agency.

This code set is identified with the symbol `LOCALE_CODE_FIPS`.

dom

The IANA is responsible for assigning two-letter (uppercase) top-level domain names to each country.

This code set is identified with the symbol `LOCALE_CODE_DOM`.

ROUTINES

`code2country (CODE [,CODESET])`

`country2code (NAME [,CODESET])`

`country_code2code (CODE ,CODESET ,CODESET2)`

`all_country_codes ([CODESET])`

`all_country_names ([CODESET])`

`Locale::Country::rename_country (CODE ,NEW_NAME [,CODESET])`

`Locale::Country::add_country (CODE ,NAME [,CODESET])`

`Locale::Country::delete_country (CODE [,CODESET])`

`Locale::Country::add_country_alias (NAME ,NEW_NAME)`

`Locale::Country::delete_country_alias (NAME)`

`Locale::Country::rename_country_code (CODE ,NEW_CODE [,CODESET])`

`Locale::Country::add_country_code_alias (CODE ,NEW_CODE [,CODESET])`

`Locale::Country::delete_country_code_alias (CODE [,CODESET])`

These routines are all documented in the `Locale::Codes` man page.

`alias_code (ALIAS, CODE [,CODESET])`

Version 2.07 included 2 functions for modifying the internal data: `rename_country` and `alias_code`. Both of these could be used only to modify the internal data for country codes.

As of 3.10, the internal data for all types of codes can be modified.

The `alias_code` function is preserved for backwards compatibility, but the following two are identical:

```
alias_code(ALIAS, CODE [ , CODESET] );
rename_country_code(CODE, ALIAS [ , CODESET] );
```

and the latter should be used for consistency.

The `alias_code` function is deprecated (though there is no currently no plan to remove it).

Note: this function was previously called `_alias_code`, but the leading underscore has been dropped. The old name was supported for all 2.X releases, but has been dropped as of 3.00.

SEE ALSO

Locale::Codes

Locale::Constants

The `Locale-Codes` distribution.

Locale::SubCountry

ISO codes for country sub-divisions (states, counties, provinces, etc), as defined in ISO 3166-2. This module is not part of the `Locale-Codes` distribution, but is available from CPAN in `CPAN/modules/by-module/Locale/`

http://www.iso.org/iso/country_codes

Official home page for the ISO 3166 maintenance agency.

Unfortunately, they do not make the actual ISO available for free, so I cannot check the alpha-3 and numerical codes here.

<http://www.iso.org/iso/list-en1-semic-3.txt>

The source of ISO 3166-1 two-letter codes used by this module.

<http://unstats.un.org/unsd/methods/m49/m49alpha.htm>

The source of the official ISO 3166-1 three-letter codes and three-digit codes.

For some reason, this table is incomplete! Several countries are missing from it, and I cannot find them anywhere on the UN site. I get as much of the data from here as I can.

<http://earth-info.nga.mil/gns/html/digraphs.htm>

The official list of the FIPS 10 codes.

<http://www.iana.org/domains/>

Official source of the top-level domain names.

https://www.cia.gov/library/publications/the-world-factbook/appendix/print_appendix-d.html

Although not the official source of any of the data, the World Factbook maintained by the CIA is a great source of the data, especially since I can't get the official data from the ISO. Since it's maintained by the CIA, and since it's updated every two weeks, I use this as the source for some missing data.

<http://www.statoids.com/wab.html>

Another unofficial source of data. Currently, it is not used to get data, but the notes and explanatory material were very useful for understanding discrepancies between the sources.

AUTHOR

See Locale::Codes for full author history.

Currently maintained by Sullivan Beck (sbeck@cpan.org).

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