
pycountry-convert Documentation

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CHAPTER 1

Introduction

Extension of Python package [pycountry](#) providing conversion functions.

CHAPTER 2

Badges

docs	
info	
tests	
package	
other	

CHAPTER 3

Install

```
pip install pycountry-convert
```


CHAPTER 4

Architecture

Using country data derived from wikipedia, this package provides conversion functions between ISO country names, country-codes, and continent names.

- `map_countries(cn_name_format="default", cn_extras={})`: Return a dict of countries with key as country name (standard and official) with ISO 3166-1 values Alpha 2, Alpha 3, and Numeric. This mapping will include countries defined within *pycountry*, Wikipedia, and whatever extra countries provided by parameter *cn_extras*. Parameter *cn_name_format* will format the country name as request to either be using the default layout “*default*”, lowercase “*lower*”, or uppercase “*upper*”.
- `country_alpha2_to_continent_code()`: Convert **country code ISO 3166-1 alpha-2** to continent name.
- `country_alpha2_to_country_name(cn_name_format="default")`: Convert **country code ISO 3166-1 alpha-2** to country name.
- `country_name_to_country_alpha2(cn_name, cn_name_format="default")`: Convert country name to **country code ISO 3166-1 alpha-2**.
- `country_alpha3_to_country_name(cn_name_format="default")`: Convert **country code ISO 3166-1 alpha-3** to country name.
- `country_name_to_country_alpha3(cn_name, cn_name_format="default")`: Convert country name to **country code ISO 3166-1 alpha-3**.
- `country_alpha3_to_country_alpha2()`: Convert **country code ISO 3166-1 alpha-3** to country code **ISO 3166-1 alpha-2**.

Parameter: `cn_name_format`

- `COUNTRY_NAME_FORMAT_DEFAULT "default"`: Country names as provide by `pycountry`.
- `COUNTRY_NAME_FORMAT_LOWER "lower"`: All lowercase country names.
- `COUNTRY_NAME_FORMAT_UPPER "upper"`: All uppercase country names.

CHAPTER 7

Parameter: `cn_extras`

Dictionary of `{ cn_name: cn_alpha2_code, ... }`

CHAPTER 8

Dependencies

`pycountry-convert` module is built upon Python 3 and has dependencies upon several Python modules available within [Python Package Index PyPI](#).

- `pycountry`
- `pprintpp`