pytz-convert Documentation

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CHAPTER 1

Introduction

Python extension for package pytz.

CHAPTER 2

Badges

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info	
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other	

CHAPTER 3

Install

```
pip install pytz-convert
```

CHAPTER 4

Architecture

`pytz-convert` is an extension of the pytz providing functions for converting timezone names, abbreviations, and offsets.

CHAPTER 5

Functions

- `convert_bing_ads_tz`: Convert **Bing timezone name** to **Standard timezone name**.
- `convert_tz_abbrev_to_tz_hours()`: Convert **timezone abbreviation** to **timezone hours**.
- `convert_tz_abbrev_to_tz_offset()`: Convert **timezone abbreviation** to **timezone offset**.
- `convert_tz_abbrev_to_tz_seconds()`: Convert **timezone abbreviation** to **timezone seconds**.
- `convert_tz_hours_to_tz_offset()`: Convert **timezone hours** into **timezone offset**.
- `convert_tz_name_to_date_tz_abbrev()`: Convert **timezone name + date** to **timezone abbreviation**.
- `convert_tz_name_to_date_tz_offset()`: Convert **timezone name + date** to **timezone offset**.
- `convert_tz_name_to_now_tz_abbrev()`: Convert **timezone name + current date** to current **timezone abbreviation**.
- `convert_tz_name_to_now_tz_offset()`: Convert **timezone name + current date** to current **timezone offset**.
- `convert_tz_offset_and_date_to_tz_name()`: Convert **timezone offset + date** to **timezone name**.
- `convert_tz_offset_to_now_tz_abbrev()`: Convert **timezone offset + current date** to current **timezone abbreviation**.
- `convert_tz_offset_to_tz_hours()`: Convert **timezone offset** to **hours**.
- `convert_tz_offset_to_tz_minutes()`: Convert **timezone offset** to **minutes**.
- `convert_tz_offset_to_tz_seconds()`: Convert **timezone offset** to **seconds**.
- `parse_gmt_offset_timezone()`: Parse GMT string into **timezone name** and **timezone offset**.
- `validate_tz_abbrev()`: Validate **timezone abbreviation**.
- `validate_tz_name()`: Validate **timezone name**.

CHAPTER 6

Requirements

`pytz-convert` module is built upon Python 3 and has dependencies upon several Python modules available within Python Package Index PyPI.

```
make install-requirements
```

or

```
python3 -m pip uninstall --yes --no-input -r requirements.txt
python3 -m pip install --upgrade -r requirements.txt
```

6.1 Dependencies

- pytz
- python-dateutil