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# pythonary Documentation

*Release latest*

Aug 24, 2019



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A python module/library that retrieves information about words from dictionaries!



### 1.1 PIP

Installing `Pythonary` is very easy.

Using `pip`: `pip install pythonary`

### 1.2 Checking if installed

Open the `cmd` and open the `python` interactive mode!

```
>>> import pythonary
```

If no error occurs you have successfully installed `Pythonary`!





## CHAPTER 2

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### Whats New?

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When an update is posted, a short description about it will be posted here.

About the version numbers:

- *1.0.0* = New *major* version.
- *0.1.0* = New *feature*.
- *0.0.1* = A *minor fix*.

### 2.1 1.0.2

Added [PyPi](#).

### 2.2 1.0.1

Added [documentation](#).

### 2.3 1.0.0

Added Oxford Support to [Pythonary](#)!

This includes:

```
Select, parsed, name, etymologies, definition, short_definition, example,  
sub_definition, sub_short_definition, sub_example, language_code, category,  
audiofile, audiofile_dialect, phonetic, phonetic_notation
```

Added Main structure. (utils, errors)



## CHAPTER 3

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### Oxford Quick Start

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First of all you need an official Oxford `app_id` and `app_key`.  
You can get this from [Oxford Dictionaries Developer](#).

```
>>> from pythonary import Oxford
>>> app = Oxford.Dictionary(app_id="YourAppID",
...                        app_key="YourAppKey")
>>> app.Select(word="example")
>>> app.name()
<<< example
```

This will return the name from the word. (*so the word itself*)



## 4.1 Dictionary

Represents a dictionary from the Oxford Dictionaries,  
This class connects to the Oxford Dictionaries API and receives information.  
Arguments for `Dictionary`:

**Parameters:**

- **app\_id: Required[str]**  
The application id is used to connect to [Oxford Dictionaries](#).  
Receive your application id [here](#).
- **app\_key: Required[str]**  
The application key is used to connect to [Oxford Dictionaries](#).  
Receive your application key [here](#).
- **language: Optional[str]**  
The language Pythonary will search in.  
Default language is 'en' or English.  
This variable must be the 'Language Code' and not the full language name!  
See all the language's [here](#)

Example:

```
>>> from pythonary import Oxford
>>> app = Oxford.Dictionary(app_id="YourAppID",
```

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```
...         app_key="YourAppKey",  
...         language="en-gb")
```

## 4.2 Select

Select a word, per select / API request gets sent.

You can only use all the other commands when a word is selected.

Using the API this way leads to less requests and equal information!

### Parameters:

- **word: Required[str]**

The word you want to have selected, this word must be in the singular form.

Example:

```
>>> from pythonary import Oxford  
>>> app = Oxford.Dictionary(app_id="YourAppID",  
...                        app_key="YourAppKey")  
>>> app.Select("example")
```

## 4.3 parsed

Retrieve the raw JSON information.

You can preform all JSON commands on it!

### Returns:

- data[dict]

Example:

```
>>> from pythonary import Oxford  
>>> app = Oxford.Dictionary(app_id="YourAppID",  
...                        app_key="YourAppKey")  
>>> app.Select("example")  
>>> app.parsed()  
<<< {'raw': [{'json': 'data', 'in': 'a', 'python': 'dictionary'}]}
```

## 4.4 name

Retrieve the word name (the word itself) from the current selected word.

**Returns:**

- name[str]

## 4.5 etymologies

Retrieve the word etymologie from the current selected word.

**Returns:**

- etymologie[str]

## 4.6 definition

Retrieve the selected word its definition.

**Returns:**

- definition[str]

## 4.7 short\_definition

Retrieve the selected word its short definition.

**Returns:**

- short definition[str]

## 4.8 example

Retrieve an sentence where the selected word is in as example.

**Returns:**

- example[str]

## 4.9 sub\_definition

Retrieve the selected word its sub definition.

**Returns:**

- definition[str]

## 4.10 sub\_short\_definition

Retrieve the selected word its short sub definition.

**Returns:**

- definition[str]

## 4.11 sub\_example

Retrieve an sub sentence where the selected word is in as example.

**Returns:**

- example[str]

## 4.12 language\_code

Retrieve the selected word its language\_code, this should be your custom inserted one.

If none was given “en” will be the code as its the default one, when its “en”, “en-us” ect are also included.

**Returns:**

- code[str]

## 4.13 category

Retrieve the form/category from the selected word (Noun,...).

**Returns:**

- category[str]

## 4.14 audiofile

Retrieve the audiofile download url from the selected word.

**Returns:**

- url[str]



## 4.15 audiofile\_dialect

Retrieve the audiofile dialect from the selected word.

**Returns:**

- `dialect[str]`

## 4.16 phonetic

Retrieve the phonetic spelling from the selected word.

**Returns:**

- `phonetic[str]`

## 4.17 phonetic\_notation

Retrieve notation from this word its phonetic notation.

**Returns:**

- `phonetic[str]`



## CHAPTER 5

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### Indices and tables

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- [search](#)
- [Source Code](#)
- [PyPi](#)