
pydomiporta Documentation

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Contents:

1	Introduction	1
1.1	Scraping category data	1
1.2	Scraping offer data	1
2	Category methods	3
3	Offer methods	5
4	Utils methods	7
5	Indices and tables	9
	Python Module Index	11

pydomiporta supplies two methods that can be used to scrape data from Domiporta website

1.1 Scraping category data

This method scrapes available offer urls from Domiporta search results with parameters .. autofunction:: domiporta.category.get_category

The function above can be used like this:

```
filters = {'Price.From': 1500, 'Pietro.To': 3}
offer_urls = domiporta.category.get_category(url=None, 'Mieszkania', 'wynajme',
↪ 'Pomorskie', 'Gdańsk', filters)
```

The code above will put a list of urls containing all apartments found in the given category into the offers_url variable

1.2 Scraping offer data

This method scrapes details of offer .. autofunction:: domiporta.offer.get_offer_data

The function above can be used like this:

```
details = domiporta.offer.get_offer_data(url)
```

the code above will create dictionary with details of offer from given url

CHAPTER 2

Category methods

```
domiporta.category.get_category(url=None, category='nieruchomosci', transaction_type='wszystkie', voivodeship=None, city=None, street=None, filters=None)
```

Parses available offer urls from given category search page

Parameters

- **url** (*str*, *None*) – Url to search web page
- **category** – Type of property of interest (Mieszkanie/Dom/Garaż/Działka)
- **transaction_type** – Type of transaction
- **voivodeship** – Voivodeship
- **city** – City
- **street** – Street
- **filters** – Dictionary with additional filters

:type category: str, None :type transaction_type: str, None :type voivodeship: str, None :type city: str, None :type street: str, None :type filters: dict, None :return: List of urls of all offers for given parameters :type: list

```
domiporta.category.get_offers_from_category(url)
```

Parses available offer urls from given category from given page

Parameters **url** (*str*) – Defined url for Domiporta page with offers

Returns List of urls from given page

Return type list

CHAPTER 3

Offer methods

`domiporta.offer.get_gps_data (content)`

Parse latitude and longitude

Parameters `content` – raw html

Returns list with geographical coordinates or None if can't find

Return type list

`domiporta.offer.get_meta_data (markup)`

Parse meta data

Parameters `markup` – raw html

Returns dictionary with data

Return type dict

`domiporta.offer.get_offer_data (url)`

Parse details about given offer

Parameters `url (str)` – Url to offer web page

Returns Details about given offer

Return type dict

CHAPTER 4

Utils methods

`domiporta.utils.encode_text_to_html(text)`

Change text to lower cases, gets rid of polish characters replacing them with simplified version, replaces spaces with dashes

Parameters `text` (*str*) – text to encode

Returns encoded text which can be used in url

Return type `str`

`domiporta.utils.get_content_from_source(url)`

Connects with given url

If environmental variable `DEBUG` is `True` it will cache response for url in `/var/temp` directory

Parameters `url` (*str*) – Website url

Returns Response for requested url

`domiporta.utils.get_url(category='nieruchomosci', transaction_type='wszystkie', voivodeship=None, city=None, street=None, filters=None)`

Create url to Domiporta search web page with given parameters and filters

Parameters

- **category** – Type of property of interest (Mieszkanie/Dom/Garaż/Działka)
- **transaction_type** – Type of transaction
- **voivodeship** – Voivodeship
- **city** – City
- **street** – Street
- **filters** – Dictionary with additional filters

:type category: str, None :type transaction_type: str, None :type voivodeship: str, None :type city: str, None :type street: str, None :type filters: dict, None :return: Url to Domiporta search web page :type: str

CHAPTER 5

Indices and tables

- `genindex`
- `modindex`
- `search`

d

`domiporta.category`, 3
`domiporta.offer`, 5
`domiporta.utils`, 7

D

`domiporta.category` (module), [3](#)
`domiporta.offer` (module), [5](#)
`domiporta.utils` (module), [7](#)

E

`encode_text_to_html()` (in module `domiporta.utils`), [7](#)

G

`get_category()` (in module `domiporta.category`), [3](#)
`get_content_from_source()` (in module `domiporta.utils`), [7](#)
`get_gps_data()` (in module `domiporta.offer`), [5](#)
`get_meta_data()` (in module `domiporta.offer`), [5](#)
`get_offer_data()` (in module `domiporta.offer`), [5](#)
`get_offers_from_category()` (in module `domi-
porta.category`), [3](#)
`get_url()` (in module `domiporta.utils`), [7](#)