
Hypermodern Python

Claudio Jolowicz

Feb 05, 2020

CONTENTS

| | | |
|----------|----------------------------|-----------|
| 1 | License | 1 |
| 2 | Reference | 3 |
| 3 | Installation | 5 |
| 4 | Usage | 7 |
| | Python Module Index | 9 |
| | Index | 11 |

LICENSE**MIT License**

Copyright (c) 2020 Claudio Jolowicz

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

REFERENCE

- *hypermodern_python.console*
- *hypermodern_python.wikipedia*

2.1 hypermodern_python.console

Command-line interface.

2.2 hypermodern_python.wikipedia

Client for the Wikipedia REST API, version 1.

See [API documentation](#).

class `hypermodern_python.wikipedia.Page` (*title*, *extract*)
Page resource.

title
The title of the Wikipedia page.

extract
A plain text summary.

`hypermodern_python.wikipedia.random_page` (*language*='en')
Return a random page.

Performs a GET request to the `/page/random/summary` endpoint.

Parameters **language** (`str`) – The Wikipedia language edition. By default, the English Wikipedia is used (“en”).

Return type *Page*

Returns A page resource.

Raises **ClickException** – The HTTP request failed or the HTTP response contained an invalid body.

Example

```
>>> from hypermodern_python import wikipedia
>>> page = wikipedia.random_page(language="en")
>>> bool(page.title)
True
```

The example project for the [Hypermodern Python](#) article series. The command-line interface prints random facts to your console, using the [Wikipedia API](#).

INSTALLATION

To install the Hypermodern Python project, run this command in your terminal:

```
$ pip install hypermodern-python
```


USAGE

Hypermodern Python's usage looks like:

```
$ hypermodern-python [OPTIONS]
```

-l <language>, **--language** <language>

The Wikipedia language edition, as identified by its subdomain on wikipedia.org. By default, the English Wikipedia is selected.

--version

Display the version and exit.

--help

Display a short usage message and exit.

PYTHON MODULE INDEX

h

`hypermodern_python.console`, 3
`hypermodern_python.wikipedia`, 3

Symbols

--help
 command line option, 7
--language <language>
 command line option, 7
--version
 command line option, 7
-l <language>
 command line option, 7

C

command line option
 --help, 7
 --language <language>, 7
 --version, 7
 -l <language>, 7

E

extract (*hypermodern_python.wikipedia.Page* attribute), 3

H

hypermodern_python.console (*module*), 3
hypermodern_python.wikipedia (*module*), 3

P

Page (*class in hypermodern_python.wikipedia*), 3

R

random_page() (*in module hypermodern_python.wikipedia*), 3

T

title (*hypermodern_python.wikipedia.Page* attribute), 3