murl

Release 0.5.1

September 16, 2014

Contents

1 Getting Started **3**

2 Usage **5**
- 2.1 Creating a `Url` object . . . 5
- 2.2 Mutating the `Url` object . . . 5
- 2.3 List all attributes of a `Url` object . . . 5

3 Objects **7**

4 Changelog **9**
- 4.1 0.5.1 . . . 9
- 4.2 0.5.0 . . . 9

5 Hacking **11**

6 License **13**

murl is a tiny wrapper for the Python module urlparse.

Source https://github.com/berkerpeksag/murl/

Issues https://github.com/berkerpeksag/murl/issues/

PyPI http://pypi.python.org/pypi/murl/

Build status

CHAPTER 1

Getting Started

Install with **pip**:

```
$ pip install murl
```

or clone the latest version from GitHub.

CHAPTER 2

Usage

2.1 Creating a `Url` object

```
>>> from murl import Url
>>> url = Url('https://bugzilla.mozilla.org/show_bug.cgi?id=698201#c0')
>>> url
<Url: https://bugzilla.mozilla.org/show_bug.cgi?id=698201#c0>
```

2.2 Mutating the `Url` object

```
>>> url.scheme
'https'
>>> url.scheme = 'http'
>>> url.scheme
'http'
```

You can also change the *port* attribute if it is defined:

```
>>> url = Url('http://test.python.org:8080/foo/#top')
>>> url.port
8080
>>> url.port = 3000
>>> url.port
3000
```

2.3 List all attributes of a `Url` object

```
>>> dir(url)
[u'fragment', u'host', u'netloc', u'path', u'port', u'qs', u'querystring', u'scheme', u'url']
```

CHAPTER 3

Objects

class **Url** (*url*[, ***parts*])

The *url* parameter should be a `str` object.

The *parts* dictionary should be one of them: `scheme`, `netloc`, `path`, `params`, `query`, `fragment`.

```
>>> url = murl.Url('http://www.google.com', path='about')
>>> url
<Url: http://www.google.com/about>
```

url

scheme

host

path

port

New in version 0.5.

querystring

qs

Return a `dict` of the current `querystring` attribute. For example:

```
>>> url = Url('http://example.com/berkerpeksag?s=1&a=0&b=berker')
>>> url.qs
{'a': ['0'], 's': ['1'], 'b': ['berker']}
```

fragment

__repr__()

New in version 0.4.

CHAPTER 4

Changelog

4.1 0.5.1

Release date 2014-09-17

- Fix installation in Python 3.

4.2 0.5.0

Release date 2013-12-02

- Add a *port* attribute to the `Url`. (Contributed by Aaron Bassett)

CHAPTER 5

Hacking

To setup a local development environment for hacking:

1. Clone the repo:

```
$ git clone https://github.com/berkerpeksag/murl.git
$ cd murl
```

2. Create and activate a new virtual environment:

```
$ python3.4 -m venv <your_venv_name>
$ . <your_venv_name>/bin/activate
```

3. Install required dependencies:

```
$ pip install -r requirements-dev.txt
```

4. To run the tests, do:

```
$ nosetests
```

CHAPTER 6

License

All files that are part of this project are covered by the following license, except where explicitly noted.

> This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.