
giturlparse Documentation

Release 1.2.2

AUTHORS.md

Mar 23, 2019

Contents

1	Documentation	3
2	License	5
2.1	Usage	5
2.2	Testing	5
2.3	History	6
2.3.1	1.2.2	6
2.3.2	1.2.1	6
2.3.3	1.2	6
2.3.4	1.1	6
2.3.5	1.0.2	6
2.3.6	1.0.1	6
2.3.7	1.0	6
2.4	Credits	6
2.4.1	Development Leads	6
2.4.2	Core Committers	7
2.4.3	Contributors	7
2.5	Autodoc	7
2.5.1	Parser	7
3	Indices and tables	9

A simple GIT URL parser similar to [giturlparse.py](#).

CHAPTER 1

Documentation

<https://git-url-parse.readthedocs.io/>

MIT

Contents:

2.1 Usage

This tool will parse a GIT URL and return a *Parsed* object.

```
import giturlparse

p = giturlparse.parse('git@github.com:retr0h/ansible-etcd.git')
p.pathname
p.protocols
p.protocol
p.href
p.resource
p.user
p.port
p.name
p.owner
```

2.2 Testing

```
$ pip install tox
$ tox
```

2.3 History

2.3.1 1.2.2

- Corrected processing of name with a dot.

2.3.2 1.2.1

- Corrected processing of URLs with a hyphen.

2.3.3 1.2

- Improved parsing speed by compiling regex on global context and reusing named collection.

2.3.4 1.1

- Cleaned up unused packages from requirements.
- Added python 3.4 and 3.5 support.
- Further parsing of valid git URLs.
- Pass pep8 and yapf.
- Added to travis ci.
- Execute one regex at a time.

2.3.5 1.0.2

- Corrected pbr version info package name.

2.3.6 1.0.1

- Support parsing domains which contain a hyphen.

2.3.7 1.0

- Initial release.

2.4 Credits

2.4.1 Development Leads

- John Dewey ([@retr0h](#))

2.4.2 Core Committers

2.4.3 Contributors

2.5 Autodoc

2.5.1 Parser

class giturlparse.parser.**Parser**(*url*)

A class responsible for parsing a GIT URL and return a *Parsed* object.

parse()

Parses a GIT URL and returns an object. Raises an exception on invalid URL.

Returns Parsed object

Raise *ParserError*

class giturlparse.parser.**ParserError**

Error raised when a URL can't be parsed.

CHAPTER 3

Indices and tables

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

P

`parse()` (*giturlparse.parser.Parser method*), [7](#)

`Parser` (*class in giturlparse.parser*), [7](#)

`ParserError` (*class in giturlparse.parser*), [7](#)