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# **giturlparse Documentation**

***Release 1.2.3.dev5***

**AUTHORS.md**

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## Contents

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<b>1</b>	<b>Documentation</b>	<b>3</b>
<b>2</b>	<b>License</b>	<b>5</b>
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
<b>3</b>	<b>Indices and tables</b>	<b>9</b>
	<b>Index</b>	<b>11</b>



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



# CHAPTER 1

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## Documentation

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<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

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### Indices and tables

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



## P

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

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

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