
py-textteaser Documentation

Release 0.1.1

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INSTALLATION

If you have already downloaded textteaser, run the following command inside this directory:

```
$ python setup.py install
```

If you have not yet downloaded textteaser, it would be easier to do the following:

```
$ pip install textteaser
```

Either method will install textteaser into your current environment.

SUMMARIZING TEXT

TextTeaser objects are instantiated with your Mashape API key:

```
>>> import textteaser
>>> tt = textteaser.TextTeaser('foobarbaz') # replace 'foobarbaz' with your API key
```

You can then call the summarize method with text and a title:

```
>>> text = """
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec a diam lectus.
Sed sit amet ipsum mauris. Maecenas congue ligula ac quam viverra nek
consectetur ante hendrerit. Donec et mollis dolor. Praesent et diam eget libero
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purus velit laoreet tortor, viverra pretium nisi quam vitae mi. Fusce vel
volutpat elit. Nam sagittis nisi dui.
"""
>>> title = 'Lorem ipsum example'
>>> sentences = tt.summarize(text, title)
```

The summarize method returns a list of sentences:

```
>>> for sentence in sentences:
>>>     print sentence
u'Lorem ipsum dolor sit amet, consectetur adipiscing elit.',
u'Sed sit amet ipsum mauris.',
```

```
u'Nam tincidunt congue enim, ut porta lorem\nlacinia consectetur.',  
u'Lorem ipsum dolor sit amet, consectetur adipiscing elit.',  
u'Aenean ut gravida\nlorem.'
```

API DOCUMENTATION

`class textteaser.TextTeaser (apikey)`

summarize (*text, title, kwargs=None*)

Summarize the given text.

Args: *text*: A string containing the article to summarize.

title: A string containing a title for the article.

kwargs: A dictionary with the following possible strings:

category: A string containing the category of the article.

blog: A string containing the blog or source of the article.

Raises: `textteaser.exceptions.APIKeyError`

`textteaser.exceptions.ServerError`

`requests.exceptions.HTTPError`

Returns: A list of strings, each being a sentence of the summary.

DEVELOPMENT

All development for textteaser takes place on bitbucket:

- <https://bitbucket.org/jgoettsch/py-textteaser/>

To get started you can do the following:

```
$ hg clone https://bitbucket.org/jgoettsch/py-textteaser/  
$ cd py-textteaser  
$ pip install -r requirements_dev.txt  
$ python setup.py develop
```

If you discover a bug, please create an issue ticket:

- <https://bitbucket.org/jgoettsch/py-textteaser/issues/new>

To run the test suite, you will have to create a module at:

```
textteaser/tests/apikey.py
```

with a global variable, `APIKEY`, which is a string containing your API key. Then you can run the test suite with `nosetests`:

```
$ nosetests --with-coverage --cover-package=textteaser textteaser/tests/tests.py
```

or through `setup.py`:

```
$ python setup.py test
```


CHANGELOG

For a full history of changes see the commit history:

- <https://bitbucket.org/jgoettsch/py-textteaser/commits/all>

version 0.1

- Able to summarize text with the TextTeaser API.
- Able to retrieve passed summaries quickly through cached ID values.

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Version 3, 19 November 2007

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