
PyMongoLab Documentation

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CONTENTS

PyMongoLab is a [Python](#) client library that contains tools for accessing to MongoDB databases via [MongoLab REST API](#) using a similar syntax to [PyMongo](#).

PACKAGES

MongoLabClient This package is a HTTP requests implementation for *MongoLab* REST API.

```
>>> from mongolabclient import MongoLabClient
>>> client = MongoLabClient("MongoLabAPIKey")
>>> client.list_documents("database", "collection")
[{'_id': ObjectId('50243d38e4b00c3b3e75fc94'), 'foo': u'bar', 'tld': u'com'},
 {'_id': ObjectId('50004d646cf431171ed53846'), 'foo': u'bar', 'tld': u'org'}]
```

PyMongoLab PyMongo-flavored package for accessing to *MongoLab* databases via *MongoLabClient*.

```
>>> from pymongo import Connection
>>> connection = Connection("MongoLabAPIKey")
>>> db = connection.database
>>> col = db.collection.find()
>>> list(col)
[{'_id': ObjectId('50243d38e4b00c3b3e75fc94'), 'foo': u'bar', 'tld': u'com'},
 {'_id': ObjectId('50004d646cf431171ed53846'), 'foo': u'bar', 'tld': u'org'}]
```

View more usage examples [here](#).

INSTALLATION

You can to use `pip` to install PyMongoLab:

```
$ pip install git+git://github.com/puentesarrin/pymongolab.git
```

Or:

```
$ git clone git://github.com/puentesarrin/pymongolab.git
```

```
$ cd pymongolab
```

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


ISSUES

Please, help us to report issues on [GitHub issues page](#).

ABOUT THIS DOCUMENTATION

[Sphinx](#) must be installed to generate the documentation. Documentation can be generated by running `python setup.py doc`.

4.1 Usage examples

This tutorial is very similar to [PyMongo](#) tutorial.

4.1.1 Making a connection

4.1.2 Getting a database

4.1.3 Getting a collection

4.1.4 Documents

4.1.5 Inserting a document

4.1.6 Bulk inserts

4.1.7 Getting single document

4.1.8 Querying for more than one document

4.1.9 Counting documents

4.2 Packages

4.2.1 MongoLabClient

Sub-modules:

`client` – HTTP client for MongoDB REST API

`settings` – Setting values for MongoDB REST API

`json_util` – Tools for using Python's `json` module

`validators` – Tools for checking operations parameters

`errors` – Exceptions raised by the `mongolabclient` package

4.2.2 PyMongoLab

Sub-modules:

`connection` – Connecting to MongoDB

`database` – Database level operations

`collection` – Collection level utilities for MongoDB

`cursor` – Cursor class to iterate over MongoDB query results

INDICES AND TABLES

- *genindex*
- *modindex*
- *search*