Henson-MongoDB Documentation

Release 0.1.0

iHeartRadio

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Contents

Henson-MongoDB is a library that helps to easily integrate MongoDB into a Henson application.

CHAPTER 1

Installation

Henson-MongoDB can be installed with:

```
$ python -m pip install Henson-MongoDB
```

Warning: Henson-MongoDB is not yet available on the Python Package Index.

Configuration

The following configuration settings can be added to the application.

MONGODB_URI	The connection string URI used to connect to the server and provide any configuration not covered by other Henson-MongoDB settings.
MONGODB_DOCUMENT_CLASS	The default class to use for documents returned by queries. Default: `dict`.
MONGODB_TIME_ZONE_AWARE	Whether or not `datetime` instances returned as values will be time zone aware. Default: `False`.

The following values can be specified through the `MONGODB_URI` setting.

database	The name of the database to make available through the *db* attribute.
replicaset	The name of the replica set to which to connect.
username	The username to use for authentication. If provided, `password` must also be provided.
password	The password to use for authentication. If provided, `username` must also be provided.
ssl	Whether or not to use SSL/TLS.
authMechanism	The mechanism to use for authentication. The supported types are `DEFAULT` and `MONGODB-X509`.
ssl_certfile	The path to the certificate file when using X.509.
ssl_ca_certs	The path to the certificate authority when using X.509.
max_pool_size	The maximum number of connections to each server allowed. Requests will block if the number of connections is exceeded.
auto_start_request	Whether or not to connect to the server immediately. If not, connection will be established on the first operation. Default: `False`.

Usage

```python
from henson import Application
from henson_mongodb import MongoDB

app = Application('application-with-mongodb')
app.settings['MONGODB_URI'] = 'mongodb://localhost/henson'


mongo = MongoDB(app)


async def run(app, message):
    characters = await mongo.db.puppets.find({'show': message['show']})
    return characters

app.callback = run
```

Henson-MongoDB is powered by Motor. For further details about how to interact with the database, please refer to the Motor tutorial.

API

class henson_mongodb.**MongoDB**(*app=None*)
An interface to interact with MongoDB.

db
Shortcut to the database object.

Contents:

CHAPTER 5

Indices and tables

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