
Flask-Simon Documentation

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CONTENTS

`Simon` is a library to help make working with MongoDB easier. Flask-Simon was created to make it even easier to use `Simon` with your Flask applications.

INSTALLATION

To install the latest stable version of Flask-Simon:

```
$ pip install Flask-Simon
```

or, if you must:

```
$ easy_install Flask-Simon
```

To install the latest development version:

```
$ git clone git@github.com:dirn/Flask-Simon.git
$ cd Flask-Simon
$ python setup.py install
```

In addition to Flask-Simon, this will also install:

- Flask (0.8 or later)
- PyMongo (2.1 or later)
- Simon

QUICKSTART

After installing Flask-Simon, import it where you create your Flask app.

```
from flask import Flask
from flask.ext.simon import Simon
```

```
app = Flask(__name__)
Simon(app)
```

`Simon` will establish a connection to the database that will be used as the default database for any `Model` classes that you define.

CONFIGURATION

Simon looks for the following in your Flask app's configuration:

MONGO_URI	A MongoDB URI connection string specifying the database connection.
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If the MONGO_URI configuration setting is not present, *Simon* will connect to `localhost` and use a database named after the Flask app.

API

class flask_simon.**Simon** (*app=None*)

Automatically creates a default connection for Simon models.

init_app (*app*)

Initializes the Flask app for use with Simon.

This method will automatically be called if the app is passed into `__init__()`.

Parameters **app** (`flask.Flask`) – the Flask application.

flask_simon.**get_or_404** (*model, *qs, **fields*)

Finds and returns a single document, or raises a 404 exception.

This method will find a single document within the specified model. If the specified query matches zero or multiple documents, a 404 Not Found exception will be raised.

Parameters

- **model** (`simon.Model`) – the model class.
- ***qs** (`simon.query.Q`) – logical queries.
- ****fields** (*kwargs*) – keyword arguments specifying the query.

Full details of how to use `get_or_404()` can be found in the [Simon API](#).

FURTHER READING

For more information, check out the [Simon docs](#) and the [MongoDB docs](#).

PYTHON MODULE INDEX

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