
django-strawberry Documentation

Release 0.1

Artur Barseghyan <artur.barseghyan@gmail.com>

Dec 27, 2019

Contents

1 Prerequisites	3
2 Documentation	5
3 Main features and highlights	7
4 Installation	9
5 Usage	11
5.1 MD5 field	11
5.1.1 Example 1	11
5.1.2 Example 2	12
6 Testing	13
7 Writing documentation	15
8 License	17
9 Support	19
10 Author	21
11 Project documentation	23
11.1 Release history and notes	24
11.1.1 0.1.1	24
11.1.2 0.1	24
12 Indices and tables	25

Additional fields for(ever) Django.

CHAPTER 1

Prerequisites

- Django 1.8, 1.9, 1.10, 1.11 and 2.0.
- Python 2.7, 3.6

CHAPTER 2

Documentation

Documentation is available on [Read the Docs](#).

CHAPTER 3

Main features and highlights

- MD5Field.

(1) Install latest stable version from PyPI:

```
pip install django-strawberry
```

or latest stable version from GitHub:

```
pip install https://github.com/barseghyanartur/django-strawberry/archive/stable.  
↳tar.gz
```

or latest stable version from BitBucket:

```
pip install https://bitbucket.org/barseghyanartur/django-strawberry/get/stable.  
↳tar.gz
```


5.1 MD5 field

In case you want to have an MD5 field populated from another field of the same model.

5.1.1 Example 1

myapp/models.py

```
from django.db import models
from strawberry.fields import MD5Field

class MyModel(models.Model):

    title = models.CharField(max_length=255)
    title_hash = MD5Field(
        populate_from='title',
        null=True,
        blank=True
    )

    def __str__(self):
        return self.title
```

myapp/example.py

```
from myapp.models import MyModel

mymodel = MyModel.objects.create(title="Lorem7")
print(mymodel.title_hash)
'd48a712e77902d0558a3721d9a4740c9'
```

5.1.2 Example 2

The `populate_from` argument can also be a callable, that would expect the model instance as an argument. Thus, example identical to the first one would be:

myapp/models.py

```
from django.db import models
from strawberry.fields import MD5Field

def strip_title(instance):
    return instance.title.strip()

class MyModel(models.Model):

    title = models.CharField(max_length=255)
    title_hash = MD5Field(
        populate_from=strip_title,
        null=True,
        blank=True,
    )

    def __str__(self):
        return self.title
```

myapp/example.py

```
from myapp.models import MyModel

mymodel = MyModel.objects.create(title=" Lorem7 ")
print(mymodel.title_hash)
'd48a712e77902d0558a3721d9a4740c9'
```


Project is covered with tests.

To test with all supported Python/Django versions type:

```
tox
```

To test against specific environment, type:

```
tox -e py36-django110
```

To test just your working environment type:

```
./runtests.py
```

To run a single test in your working environment type:

```
./runtests.py src/strawberry/tests/test_fields.py
```

Or:

```
./manage.py test strawberry.tests.test_fields
```

It's assumed that you have all the requirements installed. If not, first install the test requirements:

```
pip install -r examples/requirements/test.txt
```


Keep the following hierarchy.

```
=====  
title  
=====  
  
header  
=====  
  
sub-header  
-----  
  
sub-sub-header  
~~~~~  
  
sub-sub-sub-header  
^^^^^^  
  
sub-sub-sub-sub-header  
+++++  
  
sub-sub-sub-sub-sub-header  
*****
```


CHAPTER 8

License

GPL 2.0/LGPL 2.1

CHAPTER 9

Support

For any issues contact me at the e-mail given in the *Author* section.

CHAPTER 10

Author

Artur Barseghyan <artur.barseghyan@gmail.com>

Contents:

Table of Contents

- *django-strawberry*
 - *Prerequisites*
 - *Documentation*
 - *Main features and highlights*
 - *Installation*
 - *Usage*
 - * *MD5 field*
 - *Example 1*
 - *Example 2*
 - *Testing*
 - *Writing documentation*
 - *License*
 - *Support*
 - *Author*
 - *Project documentation*
 - *Indices and tables*

11.1 Release history and notes

Sequence based identifiers are used for versioning (schema follows below):

```
major.minor[.revision]
```

- It's always safe to upgrade within the same minor version (for example, from 0.3 to 0.3.4).
- Minor version changes might be backwards incompatible. Read the release notes carefully before upgrading (for example, when upgrading from 0.3.4 to 0.4).
- All backwards incompatible changes are mentioned in this document.

11.1.1 0.1.1

2018-05-20

Note: Release supported by [Teamable](#) - an employee referral and diversity hiring platform

- Make it possible to auto-strip the whitespace from *populated_from* value.
- More tests.

11.1.2 0.1

2018-05-20

Note: Release supported by [Teamable](#) - an employee referral and diversity hiring platform

- Initial beta release.

CHAPTER 12

Indices and tables

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