
django-strawberry Documentation

Release 0.1

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Additional fields for(ever) Django.

CHAPTER 1

Prerequisites

- Django 1.11, 2.0, 2.1, 2.2 and 3.0.
- Python 2.7, 3.6, 3.7 and 3.8.

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 py38-django30
```

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-only OR LGPL-2.1-or-later

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>

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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 0.1.2

2019-12-28

- Drop Support for Django versions earlier than 1.11.
- Tested against Python 3.7 and 3.8.
- Tested against Django 2.1, 2.2 and 3.0.
- Upgrade test suite.

11.1.2 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.

11.1.3 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`