Django-MongoEngine Documentation

Release 0.1

Ross Lawley

Nov 07, 2017

Contents

A Django extension that provides integration with MongoEngine.

It provides Forms support for your models.

A Django extension that provides integration with MongoEngine.

It provides Forms support for your models.

Quick links

1.1 Changelog

1.1.1 Changes in -master-

- working sessions
- forms?
- added support for embedded fields

1.1.2 Changes in 0.1

- Released to PyPi

1.2 Examples

1.2.1 Embedded Fields

models.py:

```python
class ContactInfo(fields.EmbeddedDocument):
    web = fields.URLField(help_text=_("""List of languages for your application (the
→first one will be the default language)"""))
    email = fields.EmailField(verbose_name=_('e-mail address'))
    phone = fields.StringField(verbose_name=_('phone number'))

class Application(Document):
    name = fields.StringField(max_length=255, required=True)
    contact = fields.EmbeddedDocumentField(ContactInfo)
```

```
    LOCALES = (('es', 'Spanish'), ('en', 'English'), ('de', 'German'), ('fr', 'French
→'), ('it', 'Italian'), ('ru', 'Russian'))
    locales = fields.ListField(fields.StringField(choices=LOCALES), help_text=_(""
→"List of languages for your application (the first one will be the default language)
→"""))
```

forms.py:

```python
class ContactInfoForm(DocumentForm):
    class Meta:
        document = ContactInfo
        widgets = {
            'web': URLInput(attrs={'class': 'form-control'}),
            'email': EmailInput(attrs={'class': 'form-control'}),
            'phone': TextInput(attrs={'class': 'form-control'})
        }


class ApplicationForm(DocumentForm):
    contact = forms.fields.EmbeddedDocumentField(ContactInfoForm)
    class Meta:
        document = Application
        fields = ('name', 'locales', 'contact')
        widgets = {
            'name': TextInput(attrs={'class': 'form-control', 'required': 'required'}
→),
            'locales':  SelectMultiple(attrs={'class': 'form-control chosen-select',
→'required': 'required'})
        }
```

Installing Django-MongoEngine

Install with **pip**

```
pip install django-mongoengine
```

Configuration

Basic setup is easy, just fetch the extension

:: TODO - write the docs

Django DebugToolBar

Taken from: https://github.com/hmarr/django-debug-toolbar-mongo