
Django OSM Field Documentation

Release 0.1.4

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Contents:

Django OSM Field

Django OpenStreetMap Field

- Free software: BSD license
- Documentation: <http://django-osm-field.rtfld.org>.

1.1 Features

- TODO

Installation

Install django-osm-field from PyPI:

```
$ pip install django-osm-field
```

Add django-osm-field to your `INSTALLED_APPS`:

```
INSTALLED_APPS = (  
    # ...  
    'osm_field',  
    # ...  
)
```

Usage

3.1 Model Layer

You only need to add a single model field to your model. `django-osm-field` will automatically add two additional fields `<name>_lat` and `<name>_lon` to the model to store the latitude and longitude:

```
from django.core.urlresolvers import reverse
from django.db import models

from osm_field.fields import OSMField
```

```
class MyModel(models.Model):
    location = OSMField()
```

Apart from the field `location` there will also be a field `location_lat` and a field `location_lon`.

3.2 Form Layer

```
from django import forms

from .models import MyModel

class MyModelForm(forms.ModelForm):

    class Meta:
        fields = ['location', 'location_lat', 'location_lon']
        model = MyModel
```

3.3 View Layer

```
from django.views.generic import CreateView

from .forms import MyModelForm
from .models import MyModel
```

```
class MyCreateView(CreateView):
    form_class = MyModelForm
    model = MyModel
```

3.4 Template Layer

```
{% load static from staticfiles %}<!DOCTYPE HTML>
<html>
  <head>
    <title></title>
    <link rel="stylesheet" href="{% static "css/example.css" %}">
    <!-- Either serve jQuery yourself -->
    <link rel="stylesheet" href="{% static "js/vendor/jquery-2.1.0.min.js" %}">
    <!-- or from a CDN -->
    <script type="text/javascript" src="//code.jquery.com/jquery-2.1.0.min.js"></script>
  </head>
  <body>
    {{ form.media }}
    <form action="" method="post">
      {% csrf_token %}
      {{ form.as_p }}
      <input type="submit" value="Save" />
    </form>
  </body>
</html>
```

Credits

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4.1 Contributors

None yet. Why not be the first?

History

5.1 0.1.4 (2014-06-02)

- Add minified JavaScript and CSS sources

5.2 0.1.3 (2014-05-28)

- jQuery is not automatically added by the widgets media class anymore

5.3 0.1.0 (2014-05-20)

- First release on PyPI.

Indices and tables

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