
Django Terralego Documentation

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CHAPTER 1

Getting started

Install using pip:

```
pip install terralego
```

Add to your `INSTALLED_APPS`:

```
INSTALLED_APPS = [  
    'django_terralego',  
    ...  
]
```

Set your credentials in your settings:

```
TERRALEGO = {  
    'USER': 'user',  
    'PASSWORD': 'pass',  
}
```

You can also disable the request made to terralego if needed:

```
TERRALEGO = {  
    'ENABLED': False,  
}
```

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1.1 Geodirectory

Django Terralego provides a mixin you can add to your models to enable the geodirectory. Each model will have a geometry field which will be automatically updated to terralego after each save.

class `django_terralego.models.GeoDirectoryMixin` *(*args, **kwargs)*
A model with a corresponding entry in Terralego.

The entry will be updated at every save. You can pass *terralego_commit* at False to force not updating the entry.

This model is designed to be one-way only. This means that it won't update from terralego automatically. If you update the entry from somewhere else, you will have to call *_update_from_terralego_entry* manually.

closest (*tags=None*)

Get the closest entry of this entry.

Parameters *tags* – Optional. A list of tags to filter the entries on which the request is made.

Returns An instance of GeoDirectoryMixin if the entry is one, or a dict describing the entry.

delete_from_terralego (*set_id_null=True*)

Delete the entry in terralego

save_to_terralego ()

Create or update the entry in terralego, adding the model_path to the tags if needed.

update_from_terralego_data (*data*)

Set self.geometry and self.tags with the values in data and cache it.

Parameters *data* – the geojson representing the entry

update_from_terralego_entry ()

Get the terralego entry related to self.terralego_id and update the instance tags and geometry.

You can use django-leaflet to add a map widget. For example for the admin site:

```
from leaflet.admin import LeafletGeoAdmin

class MyModelAdmin(LeafletGeoAdmin):
    fields = ('terralego_geometry')
    map_width = '500px'
```

CHAPTER 2

Indices and tables

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- `modindex`
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