Mobetta Documentation

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Manage translations in Django projects

Mobetta is a reusable app to manage translation files in Django projects.

It's inspired on django-rosetta, but takes a more modern approach to problem and adds extra features, such as:

- comments on translations
- edit history
- support for ICU message format with json catalogs

CHAPTER 1

Installation

The *Quickstart* section covers the basic installation without any extra plugins.

ICU message files

ICU message files support is optional, and can be installed in one go with:

```
pip install mobetta[icu]
```

Since this is set-up as a Django app as well, you'll need to add it to `INSTALLED_APPS`:

```
INSTALLED_APPS = [
    ...,
    'mobetta',
    'mobetta.icu',
    ...,
]
```

Migrate your database to finalize the installation:

```
python manage.py migrate
```

Contributor

You can install the library with all the dev-dependencies with:

```
pip install -e .[icu,test,docs]
```

CHAPTER 2

Usage

See the index page *Usage* for base-usage instructions. This covers the Django po/mo files.

ICU message files

The ICU message format is popular in the frontend, and it's quite different from `.po` files. Django does not support them (out of the box).

After *installing* the ICU message plugin, you can still manage your translations with mobetta.

Navigate to the translation interface (localhost:8000/admin/mobetta/) and locate the ICU translation files. Create a new translation file, and point it to the JSON file containing the translations.

Currently, the only supported format is simple key-values, for example `src/locale/en.json`

```
{
    "myapp.unique.identifier": "My app is awesome!",
    "myapp.unique.identifier2": "My app is translated!"
}
```

The translations are checked to have a valid ICU message format.

CHAPTER 3

Quickstart

Install with pip:

```
pip install mobetta
```

Add it to your installed apps:

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

Hook up the urls in your root `urls.py`:

```
urlpatterns = [
    url(r'^admin/', include(admin.site.urls)),  # optional
    url(r'^admin/mobetta/', include('mobetta.urls', namespace='mobetta')),
    ...
]
```

Run migrate to create the necessary database tables:

```
python manage.py migrate
```

CHAPTER 4

Usage

Mobetta discovers your translation files with a management command:

```
python manage.py locate_translation_files
```

Open localhost:8000/admin/mobetta/ to manage your translations.

CHAPTER 5

Notes

How Django loads your translation files

See the django translation docs

CHAPTER 6

Indices and tables

- genindex
- modindex
- search