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# 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



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]
```





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

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### Quickstart

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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

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### Usage

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Mobetta discovers your translation files with a management command:

```
python manage.py locate_translation_files
```

Open [localhost:8000/admin/mobetta/](http://localhost:8000/admin/mobetta/) to manage your translations.



## How Django loads your translation files

See the [django translation docs](#)





## CHAPTER 6

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### Indices and tables

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- `genindex`
- `modindex`
- `search`