django-static-templates

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django-static-templates provides a management command to render Django templats as static files. Example usage might be static error pages to delivered by your reverse proxy if the Django applications dies.

CHAPTER 1

Features

- Management command `render_static_templates` to create static files in your STATIC_ROOT.
- Helpers to render templates as static files

CHAPTER 2

Requirements

django-static-templates supports Python 3 only and requires at least Django 1.11.

CHAPTER 3

Prepare for development

A Python 3.6 interpreter is required in addition to pipenv.

```
$ pipenv install --python 3.6 --dev
$ pipenv shell
$ pip install -e .
```

Now you're ready to run the tests:

```
$ pipenv run py.test
```

CHAPTER 4

Resources

- Documentation
- Bug Tracker
- Code

Contents:

4.1 Installation

- Install with pip:

```
pip install django-static-templates
```

- Your `INSTALLED_APPS` setting:

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

4.2 Usage

4.2.1 Configure templates to render

To configure the templates that should be rendered as static files, add the `STATIC_TEMPLATES` setting to your configuration.

```
STATIC_TEMPLATES = (
    ('some-template.html', 'rendered.html'),
    ('500.html', 'errors/500.html'),
)
```

The setting should be a iterable that returns tuples with to elements. The tuple's first element is the template path, the second is the path inside `settings.STATIC_ROOT` where the rendered content should be stored.

4.2.2 Providing extra context to the templates

Remember that the templates are rendered using Django's `render_to_string`. If you need extra context when rendering the templates, configure `STATIC_TEMPLATES_CONTEXT` as a dictionary.

```
STATIC_TEMPLATES_CONTEXT = {
    'DEBUG': False,
    'RAVEN_DSN': 'Some token'
}
```

4.2.3 Using a different renderer

If you want to change the way the templates are rendered, you can override the used renderer by configuring the `STATIC_TEMPLATES_RENDERER` setting.

By default, `static_templates.renderer.Renderer` is used. Feel free to sub-class and extend the functionality.

4.2.4 Rendering the templates

To render the templates, use the management command `render_static_templates`.

```
$ python manage.py render_static_templates
```

4.3 Changelog

4.3.1 0.0.2 (2020-04-16)

- Pass request to render_to_string

4.3.2 0.0.1 (2018-08-08)

- Initial release of *django-static-templates*

Api documentation:

4.4 static_templates.renderer

class static_templates.renderer.**Renderer**(*configuration*, *stdout=None*)

Bases: object

Renderer is used to convert a template into a static file.

__init__(*configuration*, *stdout=None*)

The init function takes a row from settings.STATIC_TEMPLATES. By default, the users are required to provide a two-item tuple with the template name and the static file path.

configuration = None

stdout = None

log(*message*)

render()

render starts the rendering process for the given configuration.

get_template_name()

Returns the template name to use when rendering to static.

get_template_context()

Provides the context for render_template call.

render_template()

Creates a fake request context together with the context from `get_template_context` and returns the rendered output.

get_static_file_path()

Returns the target static file path to store the content to.

write_static_file(*content*)

write_static_file makes sure that the target directory exists and writes the provided content to a file.

static_templates.renderer.**get_renderer**(*path=None*)

Load a renderer and return the class. If a path is provided, the renderer is imported from that path. By default, `static_templates.renderer.Renderer` is used.

CHAPTER 5

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