
django-static-templates

unknown

Feb 25, 2023

CONTENTS

1 Features	3
2 Requirements	5
3 Prepare for development	7
3.1 Installation	7
3.2 Usage	7
3.3 Changelog	8
3.4 static_templates.renderer	9
4 Indices and tables	11
Python Module Index	13
Index	15

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

**CHAPTER
ONE**

FEATURES

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

**CHAPTER
TWO**

REQUIREMENTS

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

PREPARE FOR DEVELOPMENT

A Python 3 interpreter is required in addition to poetry.

```
$ poetry install
```

Now you're ready to run the tests:

```
$ make tests
```

Contents:

3.1 Installation

- Install with pip:

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

- Your INSTALLED_APPS setting:

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

3.2 Usage

3.2.1 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 two 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.

3.2.2 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'  
}
```

3.2.3 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.

3.2.4 Rendering the templates

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

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

3.3 Changelog

3.3.1 0.0.3 (2021-02-05)

- Ensure to use a real SessionStore when faking the request

3.3.2 0.0.2 (2020-04-16)

- Pass request to `render_to_string`

3.3.3 0.0.1 (2018-08-08)

- Initial release of *django-static-templates*

Api documentation:

3.4 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
FOUR**

INDICES AND TABLES

- genindex
- modindex
- search

PYTHON MODULE INDEX

S

static_templates.renderer, 9

INDEX

Symbols

`__init__()` (*static_templates.renderer.Renderer method*), 9

C

`configuration` (*static_templates.renderer.Renderer attribute*), 9

G

`get_renderer()` (*in module static_templates.renderer*), 9

`get_static_file_path()` (*static_templates.renderer.Renderer method*), 9

`get_template_context()` (*static_templates.renderer.Renderer method*), 9

`get_template_name()` (*static_templates.renderer.Renderer method*), 9

L

`log()` (*static_templates.renderer.Renderer method*), 9

M

`module`
 `static_templates.renderer`, 9

R

`render()` (*static_templates.renderer.Renderer method*), 9

`render_template()` (*static_templates.renderer.Renderer method*), 9

`Renderer` (*class in static_templates.renderer*), 9

S

`static_templates.renderer`
 `module`, 9
 `stdout` (*static_templates.renderer.Renderer attribute*), 9

W

`write_static_file()` (*static_templates.renderer.Renderer method*), 9