django-request-vars Documentation

Release 1.0.0

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Contents:

Application that stores current request, user and your defined data in thread local variable.

CHAPTER 1

Installation

Install using pip:

```
$ pip install django-request-vars
```

Add to installed apps:

```
INSTALLED_APPS = (
    ...
    'request_vars',
    ...
)
```

Add middleware:

```
MIDDLEWARE = [
    ...
    'request_vars.middleware.RequestVarsMiddleware',
    ...
]
```

CHAPTER 2

Usage

2.1 Get variable

```
from request_vars.utils import get_variable

get_variable('request')
get_variable('some_variable', 'default_value')
```

2.2 Set variable

```
from request_vars.utils import set_variable

set_variable('some_variable', 'some_value')
```

2.3 Delete variable

```
from request_vars.utils import del_variable

del_variable('some_variable')
```

2.4 Set variables in middleware

By default request and user already stored in thread local. If you need to store another variables use middleware callback:

Define path to your function in settings:

```
REQUEST_VARS_MIDDLEWARE_CALLBACK = 'path.to.callback_function'
```

Define function:

```
from request_vars.utils import set_variable

def callback_function(request):
    set_variable('current_path', request.path)
```

2.5 Request cache decorator

Allow to cache function until request complete:

```
from request_vars.decorators import request_cache

@request_cache
def some_function(a):
    print(a)

# some_function(1)
# > 1
# some_function(2)
# > 1
```

CHAPTER 3

Templatetags

3.1 Django

```
{% load request_vars %}

{% get_variable 'some_variable' 'default' as var %}
```

3.2 Jinja2

If you use `django-jinja`:

```
{% set var = get_variable('some_variable', 'default') %}
```

If you use jinja2 backend, then define it in environment:

```
from jinja2 import Environment
from request_vars.utils import get_variable

def environment(**options):
    env = Environment(**options)
    env.globals.update({
        ...
        'get_variable': get_variable,
        ...
    })
    return env
```

CHAPTER 4

Changelog

4.1 Version 1.0.0 (2018-05-13)

Release

CHAPTER 5

Indices and tables

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