flask-widgets Documentation

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This extension provides basic template widget feature for Flask

CHAPTER 1

Installing Flask-Widgets

Install with **pip**:

```
pip install flask-widgets
```

CHAPTER 2

Set Up

Widgets is managed through a `Widgets` instance:

```
from flask import Flask
from flask.ext.widgets import Widgets

app = Flask(__name__)

widgets = Widgets(app)
```

You may also set up your `Widgets` instance later at configuration time using **init_app** method:

```
widgets = Widgets()

app = Flask(__name__)
widgets.init_app(app)
```

CHAPTER 3

Register Widgets

To register a single widget or a group of them, you will use the `widget()` and `position()` decorators:

```
@widgets.widget('title')
def title():
    return 'Flask-Widget example'

@widgets.position('sidebar', order=1)
def sidebar_featured_items():
    return dict(the='variables', go='here')
```

The example above will register a standalone widget named `title` and position `sidebar`

To reorder the widgets in a position, adjust the `order` variable, widget with less order will render first

Widget method must return a *dict* of variables or a string, in case it returns a *dict*, `Widgets` with render them with a template has same name as the method `widgets/sidebar_featured_items.html` You can register as many positions and the number of widgets for them as you want.

CHAPTER 4

Render Widgets in Template:

You will use template methods :meth‘widget‘ and :meth‘widgets‘ to render widgets:

```
<!DOCTYPE html>
<html>
    <head>
        <title>{{ widget('title') }}</title>
    </head>
    <body>
        <div style="border:1px solid #ccc">
            {{ widgets('header') }}
        </div>
        Template body
        <div style="border:1px solid #ddd">
            {{ widgets('footer') }}
        </div>
    </body>
</html>
```

`Widgets` will render registered widgets for you, if you need

CHAPTER 5

Notes:

- The extension is in development, use it ask your own risk
- If you have better ideas or any suggestion please feel free to contact me
- If you can improve this document, please help!

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