

---

# **blocky Documentation**

***Release 0.0.1***

**Cameron Stitt**

October 11, 2016



<b>1</b>	<b>Installation</b>	<b>3</b>
<b>2</b>	<b>Usage</b>	<b>5</b>
2.1	Flask . . . . .	5
2.1.1	Direct Method . . . . .	5
2.1.2	Class View . . . . .	5
2.2	Django . . . . .	6
2.2.1	Direct Method . . . . .	6
2.2.2	Class View . . . . .	6
<b>3</b>	<b>API</b>	<b>7</b>
<b>4</b>	<b>Indices and tables</b>	<b>9</b>



Contents:



---

## Installation

---

Installation is simple using pip

```
pip install blocky
```





---

## Usage

---

Blocky can be used in both Flask and Django. For both frameworks, you can use a method call or a class view.

When passing in the blocks to render, we always use a dictionary with the following format:

```
{
    block_name: css_selector
}
```

## 2.1 Flask

### 2.1.1 Direct Method

```
from blocky.flask.shortcuts import render_template

@app.route('/')
def home():
    return render_template('home.html', {'content': '.content'}, form=form)
```

### 2.1.2 Class View

```
from blocky.flask.shortcuts import BlockRenderView

class AppBaseView(BlockRenderView):
    default_blocks = {
        'title': 'title',
        'messages': '.messages',
    }

class HomeView(AppBaseView):
    template_name = 'home.html'
    blocks = {
        'content': '.content'
    }

    def get(self):
        return self.render_template(form=form)

app.add_url_rule('/', view_func=HomeView.as_view('home'))
```

Although there is slightly more setup initially, it allows for more configuration and less repetition when defining common blocks. The above example shows a way in which you can use `default_blocks`. This is already part of our base class view and allows for inheritance of class views. In the above example, `home` will respond with three blocks (`'title'`, `'messages'` and `'content'`).

## 2.2 Django

### 2.2.1 Direct Method

```
from blocky.django.shortcuts import render_template

def home(request):
    return render_template(request, 'child.html', {'content': '.content'}, {'form': form})
```

### 2.2.2 Class View

```
from blocky.django.shortcuts import BlockRenderView

class HomeView(BlockRenderView):
    template_name = 'home.html'
    default_blocks = {
        'title': 'title',
        'messages': '.messages',
    }
    blocks = {
        'content': '.content'
    }
```

---

API

---



---

## Indices and tables

---

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