
django-bootstrap3 Documentation

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1	django-bootstrap3	3
1.1	Documentation	3
1.2	Quickstart	3
1.3	Features	4
1.4	Requirements	4
1.5	Bugs and requests	4
1.6	License	4
1.7	Author	4
2	Installation	5
3	Settings	7
4	Template tags and Usage	9
4.1	bootstrap_form	9
4.2	bootstrap_formset	10
4.3	bootstrap_field	10
4.4	bootstrap_label	11
4.5	bootstrap_button	11
4.6	bootstrap_icon	11
4.7	buttons	12
4.8	bootstrap_messages	12
4.9	bootstrap_pagination	13
4.10	bootstrap_jquery_url	13
4.11	bootstrap_javascript_url	13
4.12	bootstrap_css_url	14
4.13	bootstrap_css	14
4.14	bootstrap_javascript	15
5	Contributing	17
5.1	Types of Contributions	17
5.2	Get Started!	18
5.3	Pull Request Guidelines	18
5.4	Tips	19
6	Credits	21
6.1	Development Lead	21
6.2	Contributors	21

7	History	23
7.1	2.5.6 (2014-01-23)	23

Contents:

django-bootstrap3

Bootstrap support for Django projects

1.1 Documentation

The full documentation is at <http://django-bootstrap3.rtd.org>.

1.2 Quickstart

1. Install using pip:

```
pip install django-bootstrap3
```

Alternatively, you can install download or clone this repo and call `pip install -e ..`

2. Add to `INSTALLED_APPS` in your `settings.py`:

```
'bootstrap3',
```

3. In your templates, load the `bootstrap3` library and use the `bootstrap_*` tags:

```
{% load bootstrap3 %}
{# Load CSS and JavaScript #}
{% bootstrap_css %} {% bootstrap_javascript %}
{# Display django.contrib.messages as Bootstrap alerts #} {% bootstrap_messages %}
{# Display a form #}

<form action="/url/to/submit/" method="post" class="form"> {% csrf_token %} {% bootstrap_form form %} {% buttons %}

    <button type="submit" class="btn btn-primary"> {% bootstrap_icon "star" %}
    Submit

</button>

{% endbuttons %}

</form>
```

1.3 Features

- TODO

1.4 Requirements

- Python 2.6, 2.7 and 3.3
- Django >= 1.4

Contributions and pull requests for other Django and Python versions are welcome.

1.5 Bugs and requests

If you have found a bug or if you have a request for additional functionality, please use the issue tracker on GitHub.

<https://github.com/dyve/django-bootstrap3/issues>

1.6 License

You can use this under Apache 2.0. See LICENSE file for details.

1.7 Author

My name is Dylan Verheul, you can reach me at <dylan@dyve.net> or [follow me on Twitter][1].

[1]: <http://twitter.com/dyve>

Installation

At the command line:

```
$ easy_install django-bootstrap
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv django-bootstrap  
$ pip install django-bootstrap
```

Settings

The django-bootstrap3 has some pre-configured settings.

They can be modified by adding a dict variable called `BOOTSTRAP3` in your `settings.py` and customizing the values you want;

The `BOOTSTRAP3` dict variable is configured by default to the following values:

```
BOOTSTRAP3 = {
    'jquery_url': '//code.jquery.com/jquery.min.js',
    'base_url': '//netdna.bootstrapcdn.com/bootstrap/3.0.3/',
    'css_url': None,
    'theme_url': None,
    'javascript_url': None,
    'horizontal_label_class': 'col-md-2',
    'horizontal_field_class': 'col-md-4',
}
```

Template tags and Usage

1. Add to `INSTALLED_APPS` in your `settings.py`:

```
'bootstrap3',
```

2. In your templates, load the `bootstrap3` library and use the `bootstrap_*` tags:

```
{% load bootstrap3 %}

{# Load CSS and JavaScript #}

{% bootstrap_css %}
{% bootstrap_javascript %}

{# Display django.contrib.messages as Bootstrap alerts #}
{% bootstrap_messages %}

{# Display a form #}

<form action="/url/to/submit/" method="post" class="form">
    {% csrf_token %}
    {% bootstrap_form form %}
    {% buttons %}
        <button type="submit" class="btn btn-primary">
            {% bootstrap_icon "star" %} Submit
        </button>
    {% endbuttons %}
</form>
```

The “`bootstrap3`” template tag library includes the following template tags:

Note: All the following examples it is understood that you have already loaded the `bootstrap3` template tag library, placing the code below in the beginning that each template that `bootstrap3` template tag library will be used:

```
{% load bootstrap3 %}
```

4.1 `bootstrap_form`

`bootstrap3.templatetags.bootstrap3.bootstrap_form(*args, **kwargs)`

Render a form

Tag name:

```
bootstrap_form
```

Parameters:

args

kwargs

usage:

```
{% bootstrap_form form FIXTHIS %}
```

example:

```
{% bootstrap_form form FIXTHIS %}
```

4.2 bootstrap_formset

`bootstrap3.templatetags.bootstrap3.bootstrap_formset(*args, **kwargs)`

Render a formset

Tag name:

```
bootstrap_formset
```

Parameters:

args

kwargs

usage:

```
{% bootstrap_formset formset FIXTHIS %}
```

example:

```
{% bootstrap_formset formset FIXTHIS %}
```

4.3 bootstrap_field

`bootstrap3.templatetags.bootstrap3.bootstrap_field(*args, **kwargs)`

Render a field

Tag name:

```
bootstrap_field
```

Parameters:

args

kwargs

usage:

```
{% bootstrap_field form_field FIXTHIS %}
```

example:

```
{% bootstrap_form form_field FIXTHIS %}
```

4.4 bootstrap_label

`bootstrap3.templatetags.bootstrap3.bootstrap_label(*args, **kwargs)`

Render a label

Tag name:

```
bootstrap_label
```

Parameters:

args

kwargs

usage:

```
{% bootstrap_label FIXTHIS %}
```

example:

```
{% bootstrap_label FIXTHIS %}
```

4.5 bootstrap_button

`bootstrap3.templatetags.bootstrap3.bootstrap_button(*args, **kwargs)`

Render a button

Tag name:

```
bootstrap_button
```

Parameters:

args

kwargs

usage:

```
{% bootstrap_button FIXTHIS %}
```

example:

```
{% bootstrap_button FIXTHIS %}
```

4.6 bootstrap_icon

`bootstrap3.templatetags.bootstrap3.bootstrap_icon(icon)`

Render an icon

Tag name:

```
bootstrap_icon
```

Parameters:

icon icon name

usage:

```
{% bootstrap_icon "icon_name" %}
```

example:

```
{% bootstrap_icon "star" %}
```

4.7 buttons

`bootstrap3.templatetags.bootstrap3.bootstrap_buttons` (*parser, token*)

Render buttons for form

Tag name:

```
bootstrap_buttons
```

Parameters:

parser

token

usage:

```
{% bootstrap_buttons FIXTHIS %}
```

example:

```
{% bootstrap_buttons FIXTHIS %}
```

4.8 bootstrap_messages

`bootstrap3.templatetags.bootstrap3.bootstrap_messages` (*context, *args, **kwargs*)

Show `django.contrib.messages` Messages in Bootstrap alert containers

Tag name:

```
bootstrap_messages
```

Parameters:

context

args

kwargs

usage:


```
{% bootstrap_messages FIXTHIS %}
```

example:

```
{% bootstrap_messages FIXTHIS %}
```

4.9 bootstrap_pagination

`bootstrap3.templatetags.bootstrap3.bootstrap_pagination` (*page*, ***kwargs*)

Render pagination for a page

Tag name:

```
bootstrap_pagination
```

Parameters:

page

kwargs

usage:

```
{% bootstrap_pagination FIXTHIS %}
```

example:

```
{% bootstrap_pagination FIXTHIS %}
```

4.10 bootstrap_jquery_url

`bootstrap3.templatetags.bootstrap3.bootstrap_jquery_url` ()

Tag name:

```
bootstrap_jquery_url
```

Return the full url to jQuery file to use

Default value: `//code.jquery.com/jquery.min.js`

this value is configurable, see Settings section

usage:

```
{% bootstrap_jquery_url %}
```

example:

```
{% bootstrap_jquery_url %}
```

4.11 bootstrap_javascript_url

`bootstrap3.templatetags.bootstrap3.bootstrap_javascript_url` ()

Return the full url to FIXTHIS

Default value: `None`

this value is configurable, see Settings section

Tag name:

```
bootstrap_javascript_url
```

usage:

```
{% bootstrap_javascript_url %}
```

example:

```
{% bootstrap_javascript_url %}
```

4.12 bootstrap_css_url

`bootstrap3.templatetags.bootstrap3.bootstrap_css_url()`

Return the full url to FIXTHIS

Default value: None

this value is configurable, see Settings section

Tag name:

```
bootstrap_css_url
```

usage:

```
{% bootstrap_css_url %}
```

example:

```
{% bootstrap_css_url %}
```

4.13 bootstrap_css

`bootstrap3.templatetags.bootstrap3.bootstrap_css()`

Return HTML for Bootstrap CSS Adjust url in settings. If no url is returned, we don't want this statement to return any HTML. This is intended behavior.

Default value: FIXTHIS

this value is configurable, see Settings section

Tag name:

```
bootstrap_css
```

usage:

```
{% bootstrap_css %}
```

example:

```
{% bootstrap_css %}
```

4.14 bootstrap_javascript

`bootstrap3.templatetags.bootstrap3.bootstrap_javascript` (*jquery=False*)

Return HTML for Bootstrap JavaScript Adjust url in settings. If no url is returned, we don't want this statement to return any HTML. This is intended behavior.

Default value: None

this value is configurable, see Settings section

Tag name:

```
bootstrap_javascript
```

Parameters:

jquery True to include jquery **FIXTHIS**

usage:

```
{% bootstrap_javascript FIXTHIS %}
```

example:

```
{% bootstrap_javascript FIXTHIS %}
```

Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given. You can contribute in many ways:

5.1 Types of Contributions

5.1.1 Report Bugs

Report bugs at <https://github.com/dyve/django-bootstrap3/issues>.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

5.1.2 Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with “bug” is open to whoever wants to implement it.

5.1.3 Implement Features

Look through the GitHub issues for features. Anything tagged with “feature” is open to whoever wants to implement it.

5.1.4 Write Documentation

django-bootstrap3 could always use more documentation, whether as part of the official django-bootstrap3 docs, in docstrings, or even on the web in blog posts, articles, and such.

5.1.5 Submit Feedback

The best way to send feedback is to file an issue at <https://github.com/dyve/django-bootstrap3/issues>.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

5.2 Get Started!

Ready to contribute? Here's how to set up *django-bootstrap3* for local development.

1. Fork the *django-bootstrap3* repo on GitHub.
2. Clone your fork locally:

```
$ git clone https://github.com/your_username_here/django-bootstrap3.git
```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

```
$ mkvirtualenv django-bootstrap3
$ cd django-bootstrap3/
$ python setup.py develop
```

4. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

```
$ flake8 bootstrap3 tests
$ python setup.py test
$ tox
```

To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

```
$ git add .
$ git commit -m "Your detailed description of your changes."
$ git push origin name-of-your-bugfix-or-feature
```

7. Submit a pull request through the GitHub website.

5.3 Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check https://travis-ci.org/dyve/django-bootstrap3/pull_requests and make sure that the tests pass for all supported Python versions.

5.4 Tips

To run a subset of tests:

```
$ python -m unittest tests.test_bootstrap3
```

Credits

6.1 Development Lead

- Dylan Verheul <dylan.verheul@gmail.com>

6.2 Contributors

Allard Stijnman <a.g.stijnman@gmail.com> Austin Whittier <austin.whitt@gmail.com> Caio Ariede <caio.ariede@gmail.com> Fabio C. Barrionuevo da Luz <bnafta@gmail.com> Jay Pipes <jaypipes@gmail.com> Jonas Hagstedt <hagstedt@gmail.com> Jordan Starcher <jstarcher@gmail.com> Juan Carlos <juancarlospaco@gmail.com> Markus Holtermann <info@markusholtermann.eu> Nick S <nsmith448@gmail.com> Owais Lone <loneowais@gmail.com> Richard Hajdu <tuskone16@gmail.com> pmav99 <pmav99@users.noreply.github.com>

History

7.1 2.5.6 (2014-01-23)

- project refactored
- added skeleton for creating documentation to fix issue #30

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<code>bootstrap_button()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 11	boot-
<code>bootstrap_buttons()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 12	boot-
<code>bootstrap_css()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 14	boot-
<code>bootstrap_css_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 14	boot-
<code>bootstrap_field()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 10	boot-
<code>bootstrap_form()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 9	boot-
<code>bootstrap_formset()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 10	boot-
<code>bootstrap_icon()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 11	boot-
<code>bootstrap_javascript()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 15	boot-
<code>bootstrap_javascript_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 13	boot-
<code>bootstrap_jquery_url()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 13	boot-
<code>bootstrap_label()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 11	boot-
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<code>bootstrap_pagination()</code>	(in module <code>strap3.templatetags.bootstrap3</code>), 13	boot-