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Flask-Breadcrumbs is an extension for Flask that adds support for generating site breadcrumb navigation. This part of the documentation will show you how to get started in using Flask-Breadcrumbs with Flask.
Chapter 1

Installation

Install Flask-Breadcrumbs with pip

```
pip install Flask-Breadcrumbs
```

The development version can be downloaded from its page at GitHub.

```
git clone https://github.com/inveniosoftware/flask-breadcrumbs.git
cd flask-breadcrumbs
python setup.py develop
source run-tests.sh
```

### 1.1 Requirements

Flask-Breadcrumbs has the following dependencies:

- Flask
- six

Flask-Breadcrumbs requires Python version 2.6, 2.7 or 3.3+
This guide assumes you have successfully installed Flask-Breadcrumbs and a working Flask application. If not, follow the Flask Quickstart guide.

## 2.1 A Minimal Example

A minimal Flask-Breadcrumbs usage looks like this:

```python
from flask import Flask
from flask.ext import breadcrumbs

app = Flask(__name__)

# Initialize Flask-Breadcrumbs
breadcrumbs.Breadcrumbs(app=app)

@app.route('/
@breadcrumbs.register_breadcrumb(app, '.', 'Home')
def index():
    pass

if __name__ == '__main__':
    app.run(debug=True)
```

Save this as app.py and run it using your Python interpreter.

```
$ python app.py
   * Running on http://127.0.0.1:5000/
```
By default, a proxy object to `current_breadcrumbs` is added to your Jinja2 context as `breadcrumbs` to help you with creating navigation bar. For example:

```html
<div>
  {% for breadcrumb in breadcrumbs %}
    <a href="{{ breadcrumb.url }}">{{ breadcrumb.text }}</a>
    {{ '/' if not loop.last }}
  {% endfor %}
</div>
```
The most important part of a modular Flask application is Blueprint. You can create one for your application somewhere in your code and decorate your view function, like this:

```python
from flask import Blueprint
from flask.ext import breadcrumbs

bp_account = Blueprint('account', __name__, url_prefix='/account')

@bp_account.route('/')
@breadcrumbs.register_breadcrumb(bp_account, '.', 'Your account')
def index():
    pass
```

### 4.1 Default breadcrumb root

Sometimes you want to combine multiple blueprints and organize the navigation to certain hierarchy using function `default_breadcrumb_root()`.

```python
from flask import Blueprint
from flask.ext import breadcrumbs

bp_social = Blueprint('social', __name__, url_prefix='/social')
breadcrumbs.default_breadcrumb_root(bp_social, '.account')

@bp_account.route('/list')
@breadcrumbs.register_breadcrumb(bp_social, '.list', 'Social networks')
def list():
    pass
```

As a result of this, your `current_breadcrumbs` object will contain a list with 3 items during processing request for `/social/list`.

```python
>>> from example import app
>>> from flask.ext import breadcrumbs
>>> import account
>>> import social

>>> app.register_blueprint(account.bp_account)
>>> app.register_blueprint(social.bp_social)

>>> with app.test_client() as c:
...     c.get('/social/list')
...     assert map(lambda x: x.url, ...
```
list(breadcrumbs.current_breadcrumbs)) == \
['/', '/account/', '/social/list']
API Reference

If you are looking for information on a specific function, class or method, this part of the documentation is for you.

5.1 API Docs

This documentation is automatically generated from Flask-Breadcrumbs’s source code.

5.1.1 Flask extension

5.1.2 Decorators

5.1.3 Proxies

flask.ext.breadcrumbs.current_breadcrumbs
   List of breadcrumbs for current request.

flask.ext.breadcrumbs.breadcrumbs_root_path
   Name of breadcrumbs root path.
Additional Notes

Notes on how to contribute, legal information and changelog are here for the interested.

6.1 Contributing


6.2 Changelog

Here you can see the full list of changes between each Flask-Breadcrumbs release.

6.2.1 Version 0.1

- Initial public release

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