
Flask-Copilot Documentation

Release 0.3.0

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Installation

```
python -m pip install flask-copilot
```

Quickstart

1. Initialize the Copilot extension on your Flask app.
2. Add URL routes normally. Include `navbar_kwargs` to register routes to your navbar.

```
from flask import Flask
from flask_copilot import Copilot

app = Flask(__name__)
copilot = Copilot(app)

@app.route('/', navbar_kwargs={'path': 'Home'})
def index():
    """Render the home page."""
    return render_template('index.html')
```

3. Render your navbar using the navbar object automatically injected into your template context.

```
<ul>
  {% for entry in navbar recursive %}
    <li>
      <a href="{{ entry.url() }}">
        {{ entry.name }}
      </a>
      {% if entry.visible_children|list %}
        <ul class="dropdown">{{ loop(entry.visible_children) }}</ul>
      {% endif %}
    </li>
  {% endfor %}
</ul>
```

Contents:

2.1 API

The public API for Flask-Copilot.

2.1.1 Copilot

class flask_copilot.Copilot (app=None)
The Flask-Copilot extension.

Parameters `app` (*Optional*[`flask.Flask`]) – The application instance that this copilot should be registered to.

init_app (`app`)

Register the extension with the application.

Parameters `app` (`flask.Flask`) – The application to register with.

inject_context ()

Return a dict used for a template context.

register_entry (`navbar_kwargs`)

Register a navbar entry with the copilot.

Parameters `navbar_kwargs` (*dict*) – Arguments passed to the `NavbarEntry` instance.

2.1.2 NavbarEntry

class `flask_copilot.NavbarEntry` (`name`, `endpoint`, `url_for_kwargs=None`, `order=None`, `when=None`)

Stores information related to a routing rule's navbar position.

Parameters

- **name** (*str*) – The text of the link in the navbar. This element is converted to a `str` when added to the navbar and used for display and sorting purposes. This value should be unique within a group (i.e. a single name should not have more than one URL rule associated with it).
- **endpoint** (*str*) – The endpoint assigned to the URL rule this `NavbarEntry` belongs to. This should be used to generate the URL for the link.
- **url_for_kwargs** (*dict*) – Keyword arguments to be passed to `url_for` when generating URLs from `endpoint`.
- **order** – An object used to sort the navigation entries. If not provided, the entry's name (the last element of path) will be used. All entries in the same group must be orderable together.
- **when** (*Optional*[*callable*]) – If provided, the link will appear only when the value returned by `when()` is truthy.

url (`default_href='#'`)

Return a rendered URL for this entry.

Parameters **default_href** (*str*) – The value to return if no endpoint is assigned to this entry. Defaults to `'#'`.

visible

Return `True` when this entry should be visible.

Rules dictating visibility, in order or precedence:

- 1.If an entry has a `when` method, its result is returned.
- 2.If an entry has children and no endpoint (i.e. it exists solely as a container for other links), it is visible when any of its children are.
- 3.Finally, when the first two rules don't apply, visibility defaults to `True`.

visible_children

Return visible children.

2.2 Changelog

2.2.1 Version 0.3.0

Release TBD

2.2.2 Version 0.2.0

Released 2016-06-10

- Add `NavbarEntry.invisible_children` for easier use inside of templates.

2.2.3 Version 0.1.0

Released 2016-02-21

- Initial release

Indices and tables

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