

---

# Flask-Pure Documentation

*Release 0.3*

**Philip Xu**

August 29, 2016



## CONTENTS

<b>1 Quick Start</b>	<b>3</b>
<b>2 How It Works</b>	<b>5</b>
<b>3 License</b>	<b>7</b>
<b>4 Links</b>	<b>9</b>
<b>5 Caveat</b>	<b>11</b>
<b>6 Configuration</b>	<b>13</b>
<b>7 Template</b>	<b>15</b>
<b>8 Pure.css Version</b>	<b>17</b>
<b>9 API</b>	<b>19</b>
<b>10 Contributors</b>	<b>21</b>
<b>11 Changelog</b>	<b>23</b>
11.1 Version 0.3 .....	23
11.2 Version 0.2 .....	23
11.3 Version 0.1 .....	23
<b>Python Module Index</b>	<b>25</b>
<b>Index</b>	<b>27</b>



Flask-Pure is an extension to [Flask](#) that helps integrate [Pure.css](#) to your Flask application.



## QUICK START

### 0. Installation

```
pip install Flask-Pure
```

### 1. Configuration

```
from flask import Flask, render_template
from flask_pure import Pure

app = Flask(__name__)
app.config['PURECSS_RESPONSIVE_GRIDS'] = True
app.config['PURECSS_USE_CDN'] = True
app.config['PURECSS_USE_MINIFIED'] = True
Pure(app)

@app.route('/')
def hello():
    return render_template('hello.html')

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

### 2. In templates/hello.html:

```
{% extends "pure/layout.html" %}
{% block title %}Hello world from flask-pure{% endblock %}

{% block nav %}
<div class="pure-menu pure-menu-horizontal">
  <!-- ... -->
</div>
{% endblock %}

{% block content %}
  <h1>Hello world</h1>
{% endblock %}
```

### 3. Profit!



## HOW IT WORKS

Once registered, this extension provides a template variable called `pure`, it has a property named `css` that will be rendered as HTML `<link>` tag to the `Pure.css` stylesheets either from free CDN or be served from a bundled blueprint, also called `pure`.

A `{{ pure.css }}` inside `<head>` tag is all you need.

A bare bone HTML5 template is also available as `pure/layout.html`. Please check out the example in code repository and documentation for details.



---

**CHAPTER  
THREE**

---

**LICENSE**

BSD New, see LICENSE for details.



## LINKS

- [Documentation](#)
- [Issue Tracker](#)
- [Source Package @ PyPI](#)
- [Mercurial Repository @ bitbucket](#)
- [Git Repository @ Github](#)
- [Git Repository @ Gitlab](#)
- [Development Version](#)



## CAVEAT

The stylesheet provided by template variable `pure.css` is the ‘Rollups’ version with all the modules in Pure. The responsive grids module that included by default can be turned off explicitly.

Thus, this extension is an ‘all-or-nothing’ approach, there is no plan to support selectable modules currently, as it is so trivial to roll your own.

The conditional IE 8/9 hack are not included, please refer to Pure’s official documentation if this is the concern.



## CONFIGURATION

Option	Description
PURECSS_RESPONSIVE	If <code>True</code> , the responsive grids module will be included as well. Default value is <code>True</code>
PURECSS_USE_CDN	If <code>True</code> , css files will be served from CDN. If <code>False</code> , local copies of css files will be served. Default value is <code>True</code>
PURECSS_USE_MINIFIED	If <code>True</code> , the minified version of css files will be used. Default value is <code>True</code>



## TEMPLATE

In addition to providing Pure.css static assets, Flask-Pure comes with HTML5 template located in `pure/layout.html` for layout.

Predefined Blocks	Purpose
<code>html_attribs</code>	<code>&lt;html&gt;</code> 's attributes
<code>head</code>	all content inside <code>&lt;head&gt;</code> and <code>&lt;/head&gt;</code>
<code>meta</code>	for all <code>&lt;meta&gt;</code> tags
<code>title</code>	content inside <code>&lt;title&gt;</code> and <code>&lt;/title&gt;</code>
<code>style</code>	links to css stylesheets
<code>body_attribs</code>	<code>&lt;body&gt;</code> 's attributes
<code>body</code>	all content inside <code>&lt;body&gt;</code> and <code>&lt;/body&gt;</code>
<code>nav</code>	navigation links
<code>content</code>	main content
<code>script</code>	embedded javascript



## **PURE.CSS VERSION**

The bundled version of Pure.css is v0.6.0



Flask-Pure - a Flask extension for Pure.css

**class** flask\_pure.Pure (*app=None*)  
Flask-Pure extension

provides base template layout as pure/layout.html and links to the Pure.css static assets.

**css**  
property the will be rendered as Pure.css <link> tags

**init\_app** (*app*)  
create and register a blueprint with the Flask application.

**Parameters** **app** – Flask application instance



## CONTRIBUTORS

A huge thanks to all of our contributors:

- Bastian Kuhn <<https://github.com/Bastian-Kuhn>>
- Philip Xu <<https://github.com/pyx>>



## CHANGELOG

### 11.1 Version 0.3

- Switched CDN url to https version (Contributed by Bastian Kuhn)

### 11.2 Version 0.2

- Added option to turned off the responsive grids module
- Used an instance of extension as namespace instead of a single template variable

### 11.3 Version 0.1

- Initial public release



**f**

flask\_pure, 19



## C

css (flask\_pure.Pure attribute), 19

## F

flask\_pure (module), 19

## I

init\_app() (flask\_pure.Pure method), 19

## P

Pure (class in flask\_pure), 19