

---

# **Eggsac Documentation**

***Release 0.1***

**George V. Reilly**

December 05, 2013



---

# Contents

---

<b>1</b>	<b>The Flaskr Demo</b>	<b>3</b>
<b>2</b>	<b>Indices and tables</b>	<b>5</b>



Contents:



---

# The Flaskr Demo

---

Here's how to use Eggsac with Flask's demo app, `Flaskr`:

```
# Create and activate a new virtualenv, "flaskr"
virtualenv ~/envs/flaskr
source ~/envs/flaskr/bin/activate

pip install eggsac
git clone https://github.com/mitsuhiko/flaskr.git
```

Flaskr isn't a true standalone installable Python application, as it doesn't have a `setup.py`. So let's make one, for the purposes of this tutorial, in `flaskr/examples/setup.py`:

```
#!/usr/bin/env python

from setuptools import setup

setup(
    name='Flaskr',
    packages=['flaskr'],
    install_requires=[
        'Flask',
    ],
    zip_safe=False,
    include_package_data=True,
    package_data={
        '': ['*.sql'],
        'flaskr': ['static/*', 'templates/*'],
    },
)
```

Now, invoke Eggsac:

```
eggsac --python-package flaskr --keep
```

This will install Flaskr into a relocatable virtualenv at (somewhere like) `/tmp/flaskr_None-20131201t1516-master-afd3c45/`.

Let's run this copy of Flaskr:

```
cd /tmp/flaskr_*/flaskr/  
source bin/activate  
python lib/python2.7/site-packages/Flaskr-*.egg/flaskr/flaskr.py
```

Flaskr should run.

Now, let's package Flaskr into a gzipped tarball in the current directory:

```
eggsac --python-package flaskr --tar-gzip --output-dir .
```

Let's unpack that tarball elsewhere to demonstrate that the virtualenv is relocatable:

```
mkdir ~/flaskr_demo  
tar -zxvf flaskr.tar.gz --directory ~/flaskr_demo/  
  
pushd ~/flaskr_demo/flaskr  
source bin/activate  
python lib/python2.7/site-packages/Flaskr-*.egg/flaskr/flaskr.py
```



---

# Indices and tables

---

- *genindex*
- *modindex*
- *search*