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# Flask-Auth0 Documentation

*Release*

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# CHAPTER 1

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## Installation

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Install Flask-Auth0 with pip:

```
pip install flask-auth0
```

The development version can be downloaded from [GitHub](#).

```
git clone https://github.com/sandtable/flask-auth0.git
cd flask-auth0
pip install -e .[dev,test]
```

Flask-Auth0 works with Python versions 2.7 and  $\geq 3.4$ .



Here is a Hello World example.

You will need to set your Auth0 domain and Application Client ID and Secret.

```
from flask import Flask, jsonify

from flask_auth0 import Auth0

app = Flask(__name__)

app.secret_key = 'secret'

app.config['AUTH0_LOGOUT_URL'] = 'http://localhost:3000/logout'
app.config['AUTH0_CALLBACK_URL'] = 'http://localhost:3000/callback'
app.config['AUTH0_DOMAIN'] = '<your company>.eu.auth0.com'
app.config['AUTH0_CLIENT_ID'] = 'YOUR_AUTH0_CLIENT_ID'
app.config['AUTH0_CLIENT_SECRET'] = 'YOUR_AUTH0_CLIENT_SECRET'

auth0 = Auth0()
auth0.init_app(app)

@app.route('/')
@auth0.requires_auth
def hello():
    return 'Hello world!'

@app.route('/logout')
@auth0.requires_auth
def logout():
    auth0.logout()
    return jsonify('logout')

if __name__ == '__main__':
    app.run(port=3000)
```

Save this snippet as *hello\_world.py* and add your required Auth0 configuration.

To run the example:

```
$ python hello_world.py
```

Then browse to <http://localhost:3000> and sign in.

You can logout by navigating to: <http://localhost:3000/logout>

Flask-Auth0 is an extension for Flask that allows you to authenticate through Auth0 service.

**class** flask\_auth0.**Auth0** (*app=None*)

The core Auth0 client object.

**access\_token**

Get access token (user must be authenticated).

**init\_app** (*app*)

Do setup required by a Flask app.

**jwt\_payload**

Get JWT payload (user must be authenticated).

**logout** ()

Logout user.

Request the browser to clear the current session and also clear the Auth0 session (clearing the SSO cookie).

The user won't be log out from a third party Identity Provider.

The user is redirected to the logout callback.

**requires\_auth** (*view\_func*)

Decorates view functions that require a user to be logged in.



## CHAPTER 4

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