
Flask-GoogleLogin Documentation

Release 0.0.1

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Mar 23, 2017

Contents

| | | |
|----------|----------------------|----------|
| 1 | Usage | 3 |
| 2 | Configuration | 5 |
| 2.1 | Google API | 5 |
| 3 | API | 7 |

Flask-GoogleLogin extends Flask-Login to use Google OAuth2's authorization.

- *Usage*
- *Configuration*
 - *Google API*
- *API*

CHAPTER 1

Usage

Get started by creating a `GoogleLogin` instance:

```
from flask_googlelogin import GoogleLogin
googlelogin = GoogleLogin(app)
# or
googlelogin = GoogleLogin()
googlelogin.init_app(app)
```

A `flask_login.LoginManager` instance is implicitly created in `GoogleLogin.init_app` but you can also pass your own:

```
from flask_login import LoginManager
login_manager = LoginManager()
login_manager.init_app(app)
googlelogin = GoogleLogin(app, login_manager)
```

Next, you need to specify an OAuth2 callback route:

```
@app.route('/oauth2callback')
@googlelogin.oauth2callback
def create_or_update_user(token, userinfo, **params):
    user = User.filter_by(google_id=userinfo['id']).first()
    if user:
        user.name = userinfo['name']
        user.avatar = userinfo['picture']
    else:
        user = User(google_id=userinfo['id'],
                    name=userinfo['name'],
                    avatar=userinfo['picture'])
    db.session.add(user)
    db.session.flush()
    login_user(user)
    return redirect(url_for('index'))
```

Decorate views with `flask_login.login_required` and you're done!

```
@app.route('/profile')
@login_required
def profile():
    return render_template('profile.html')
```

Get the Google auth URL using `GoogleLogin.login_url`. You can also include extra params to `login_url` and they'll be passed to your `GoogleLogin.oauth2callback`:

```
googlelogin.login_url(params=dict(section='notifications', next=url_for('.profile')))
```

You can also configure Google auth url params:

```
googlelogin.login_url(approval_prompt='force', access_type='offline')
googlelogin.login_url(redirect_uri=url_for('admin'))
```


CHAPTER 2

Configuration

Google API

| | |
|------------------------------|--|
| GOOGLE_LOGIN_CLIENT_ID | Client ID (create one at https://code.google.com/apis/console) |
| GOOGLE_LOGIN_CLIENT_SECRET | Client Secret |
| GOOGLE_LOGIN_SCOPES | Default scopes |
| GOOGLE_LOGIN_REDIRECT_URI | Default redirect URI |
| GOOGLE_LOGIN_REDIRECT_SCHEME | Scheme of redirect URI (defaults to http) |

CHAPTER 3

API
