
Flask-GoogleLogin Documentation

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

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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_CLIENT_SCOPES	Default scopes
GOOGLE_LOGIN_REDIRECT_URI	Default redirect URI

CHAPTER 3

API
