


Google OAuth2 API

Provides:

This API provides information about a user's Google account such as their email address, name, picture, etc. To be clear, the Google OAuth2 API is not the same thing as the OAuth2 authentication process that the API uses.

Key Provisioning:

Pain factor (0=ezy...5=nightmare): 

- Head over to the [Google API Console](#) and create a new project.
- Click on the OAuth consent screen tab and select the External option.
- Name the application and click save.
- Click on the Credentials tab and click **CREATE CREDENTIALS**.
- Select the OAuth client ID option.
- Choose web application as the Application type.
- Add <http://127.0.0.1:5000> as an Authorized JavaScript origin.
- Add <http://127.0.0.1:5000/redirect> as an Authorized redirect URI.
- Create the project and click **OK**.
- Click the download button on the right-hand side of the OAuth 2.0 Client ID.

Quotas:

- Unauthorized apps can authenticate up to 100 users only.
- The app can only grant up to 10,000 new users every day.

The Good:

- The Google OAuth2 API offers basic information about a user that can be used for authentication.

The Bad:

- The Google OAuth2 API, unlike other Google APIs, is not very useful beyond authentication use.

The Ugly:

- It has a terrible name.
- Requires using OAuth2.

Location: <https://developers.google.com/identity/protocols/oauth2/scopes#oauth2>

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Contributors:

Eric "Morty" Lau, pd1