

Rails Third-Party Authentication (Document Version 1.0)

This document describes how to implement third party authentication using Google as an example. It builds upon the Omniauth strategy presented in the document “Rails Authentication with Omniauth”. It assumes the needed code for the sessions controller has already been added.

App Registration

In order to use Google for authentication, the app needs to be registered with Google. To register your app, visit the following URL: <https://code.google.com/apis/console#access>. You will need to login with a Google account. For development, you can provide the following information:

Product name: The name is your choice, but it should identify your application. It may need to be unique.

Home page URL: <http://localhost:3000>

Redirect URI: http://localhost:3000/auth/google_oauth2/callback

After you register, note the Client ID and the Client secret. You will need to use this information in your app.

Installation

Installing Omniauth for authorizing with Google requires the google-oauth2 gem. This gem is installed by adding a line to **Gemfile** file in the top folder:

```
gem 'omniauth-google-oauth2'
```

After editing this file, running **bundle install** at the command line will install the gem.

A new line is required for the omniauth.rb file in the config/initializers folder:

```
Rails.application.config.middleware.use OmniAuth::Builder do
  provider :google_oauth2, 'Client ID', 'Client secret'
  # additional code for Identity and other strategies can go here
end
```

This file should have already been created when setting up the Identity strategy with Omniauth. Make sure you add in the client ID and the client secret that were presented when you registered your app with Google.

Login Link

The following provides the link to for Google login:

```
<%= link_to 'Login with Google', '/auth/google_oauth2' %>
```

That's it! All other code should already be in place from the Omniauth and Identity setup.