Installation of Google Client Library for Authorization

Composer

Follow the [installation instructions](#) if you do not already have composer installed on your server.

Once composer is installed, execute the following command in your project root to install this library:

```
composer require google/apiclient:"^2.0"
```

Finally, be sure to include the autoloader:

```
require_once '/path/to/your-project/vendor/autoload.php'
```
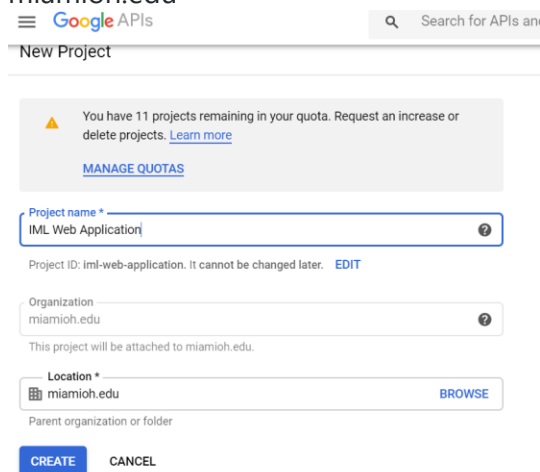
Creating a Google Project

Creating the authorization through Google

Any application that calls Google APIs needs to enable those APIs in the API Console. To enable the appropriate APIs for your project:

1. First create a new Google API Project by logging in [here](#) with the IML email (iml_dev@miamioh.edu) and clicking create new project in the upper left corner
   1. Name the project with a name related to IML and make sure the organization is miamioh.edu

   2.

2. Open the [OAuth Consent Screen](#) page in the Google API console with the IML email (iml_dev@miamioh.edu).

1.

2. First check the External check box to make the application external to anyone outside our organization
3. Give the application the name Instructional Modeling Language
4. If you have a logo upload it
5. Add the IML email as the support email (iml_dev@miamioh.edu)
6. Make the homepage link http://iml.cec.miamioh.edu/
7. Save it

3. Next go to the Credentials dashboard from the options on the left and click create new credentials

1.

2. Select the oauth client ID option
3. Select web application
4. Give the name IML Web Application
5. Add the redirect link of http://iml.cec.miamioh.edu/
6. Click save
7. Save the Client Id and Client Secret so OAuth can link our google project with our actual application

4. Create a PHP file on our server for our Google client library configuration
   1. Require the autoload for the library we installed with composer
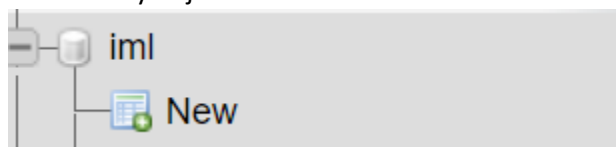   2. Create a Google Client object

3. Set the client Id with the Id from step 3.7
4. Set the client secret with the secret from step 3.7
5. Set the redirect Uri to http://iml.cec.miamioh.edu/
6. Add the scope of email
7. Add the scope of profile
8. Start the session and use the client library as needed
9. Here is the PHP documentation for Google API

Setting Up the database and Table to store Users

1. Navigate to http://iml.cec.miamioh.edu/phpmyadmin/
2. Login with the Root Credentials
   a. Ask Dr. Rapos for them
3. Click the new DB Icon on the left hand side of the screen
   a.
   b. Make the name IML
   c. Click create
4. Click the database you just created and click the New icon under it
   a.
   b. Copy the following structure and click create
   c.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	userId	char(36)	latin1_swedish_ci		No	None			Change Drop More
2	first_name	varchar(60)	latin1_swedish_ci		No	None			Change Drop More
3	last_name	varchar(60)	latin1_swedish_ci		No	None			Change Drop More
4	email	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
5	picture	longtext	latin1_swedish_ci		No	None			Change Drop More
6	last_login	datetime			No	None			Change Drop More
7	userType	int(11)			Yes	NULL			Change Drop More