



Gatsby Functions Google Gmail Examples

Quick start

1. Set up Google OAuth Client.

This sample uses google oAuth client to authenticate into the Google inbox api. Obtain an oAuth credential from the Google Cloud [API & Services Credentials Page](#)

- Generate an OAuth Client ID. You can follow the steps highlighted in [Account Authentication - Service Account](#). Make sure to set up at least one **Authorized redirect URI** to be

```
http://localhost:8000
```

- Enable the [Gmail API](#) in your Google Cloud project.

2. Add the Google OAuth Credentials to your `.env.development` file

There are **2** environment variable you'll need to add to your project:

- `GATSBY_GOOGLE_CLIENT_ID` : Fetch the ClientId from the newly created OAuth 2.0 Client ID.

You can find it in the [Google Credentials Console](#)

You'll also want to add these as environment variables when deploying to Gatsby Cloud.

3. Start developing.

To get started, run `npm install` to add all necessary packages.

When developing locally, you include environment variables to your `.env.development`. Read more about how Gatsby handles `.env` files and environment variables in the [Gatsby Docs](#)

```
cd examples/functions-google-gmail
npm install
npm run develop
```

4. Open the code and start customizing!

Your site is now running at <http://localhost:8000>! You can use the UI on the index page to test the functions or directly access them at http://localhost:8000/api/{function_name}.

Edit `src/pages/index.js` to see your site update in real-time!

5. Deploy

You can deploy this example on Gatsby Cloud by copying the example into a new repo and [connecting that to Gatsby Cloud](#).