

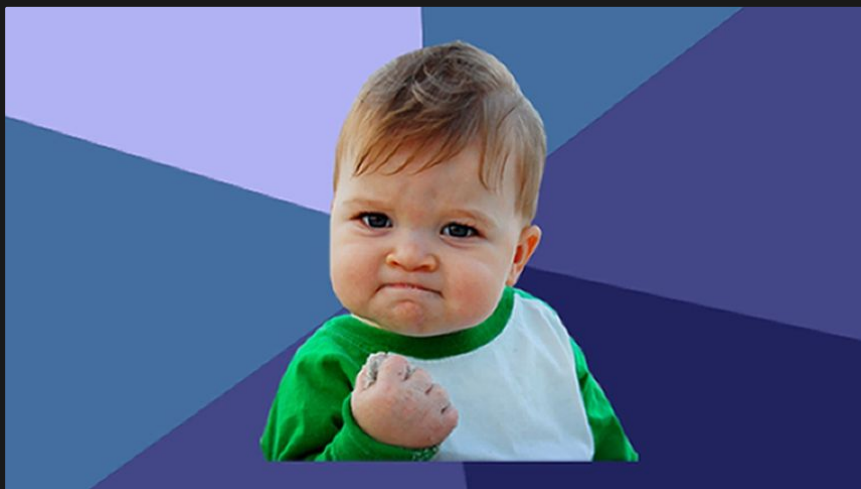
Back-End Project

Project Overview

Get ready! You'll be creating a tool that syncs contacts from **MockAPI** to **Mailchimp**. For this integration, you will need to get each contact's first name, last name, and email address from **MockAPI** and create them as new members of a new list on **Mailchimp**. The new list on **Mailchimp** should have your personal name (e.g.: `Gabriel Kugel`).

This is a remote take-home project! You will have 7 days to complete it.

If you have any questions or are not sure about something, please contact challenge@trio.dev.



Deliverables

We're looking to have a GitHub public repository with a back-end application. You may share the technical design as a Google Doc. If you've never heard of a Technical Design, please see the [Technical Design Template](#). It's fun stuff!

- Upload a **private** GitHub repo for the back-end and add challenge@trio.dev as a collaborator
- Send the repository link to challenge@trio.dev
- Deploy the project on Netlify, Vercel, [Fly.io](https://fly.io), or other similar platform and share the demo link

- The web server should have this endpoint `GET /contacts/sync` to trigger the integration
- The `/contacts/sync` endpoint should return the list of synced contacts in JSON following this structure:

```
{ "syncedContacts": 1, // total synced contacts "contacts": [ {  
  "firstName": "Amelia", "lastName": "Earhart", "email":  
  "amelia_earhart@gmail.com", }, ] }
```

- Technical design (add google doc link to project README file)
- Record a video with your screen and camera walking through your solution answering the following questions:
 - How does the software work?
 - How did you build the project?
 - Why did you build it in that way?
- The video link should be provided on the project README

IMPORTANT: Once you have completed and pushed your project to GitHub as well as shared access to us, contact challenge@trio.dev to notify us that you are officially submitting your project.

What are we *really* looking for? That's easy, you'll know you did an amazing job if the Trio team reacts to your codebase like this.



Access Tokens (API Keys)

Mailchimp: Create your own account and API key. Please keep your API key open for the Trio team as well as our partners to evaluate and run your solution.

Mock API

- Contacts Endpoint: <https://challenge.trio.dev/api/v1/contacts>

Resources

- [Mailchimp API](#)
- [Technical Design Template](#)

Tech Stack

You are free to choose to use whichever technology you feel most comfortable with.

Upload a **private** GitHub repo for back-end and front-end and add `challenge@trio.dev` as a collaborator