





Make Your Trip with Al

San Fransisco, CA

07/22/2023

Visit Golden Gate Bridge

Jul 21, 2023

09:00 - 11:00

Explore Alcatraz Island

Jul 21, 2023

13:00 - 16:00

Enjoy Fisherman's Wharf

Jul 21, 2023



07/26/2023









Welcome!

As a club, we need to go on a vacation.

Let's think of some destinations.

NYC, LA, SF? Maybe Vermont?

Now that we have a destination, what should we do there?

Now this is much harder :(

Let's use code to make this process easier

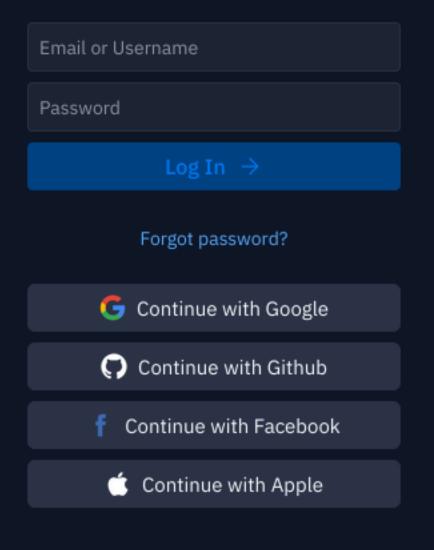
Let's make an AI trip itinerary planner for our club trip!

Sign up for Replit

https://replit.com

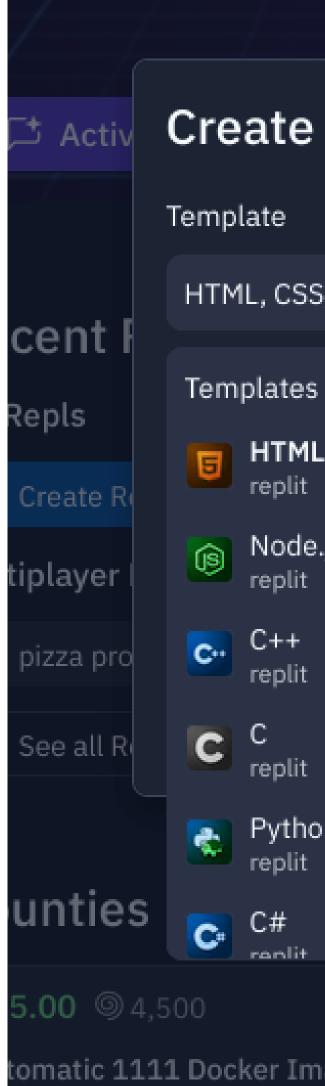


Log in to your account





Create a project HTML + CSS + JS



e a Repl		Import from GitHub ×	
		Title	
SS, JS	Q	PepperyFarDefragment	
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t		+ Create Repl	
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	\$31.50	© 3,150	\$20.70
mage running on Apple	Investigate and analyze top AI detection		resolve ku



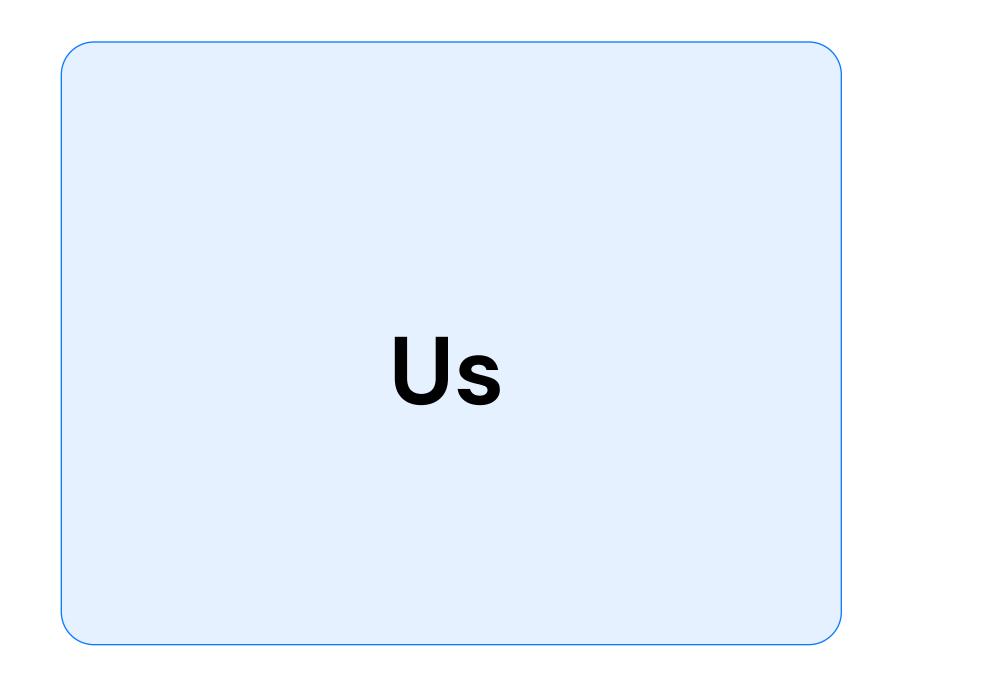
Creating inputs for dates and location



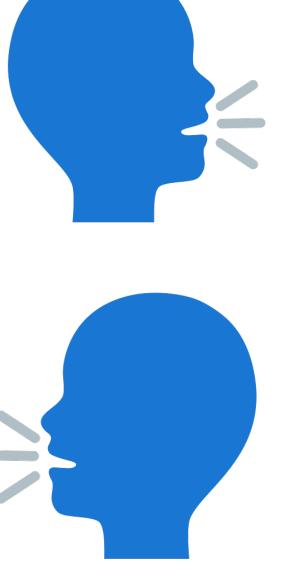
Configuring ChatGPT

What's an API?

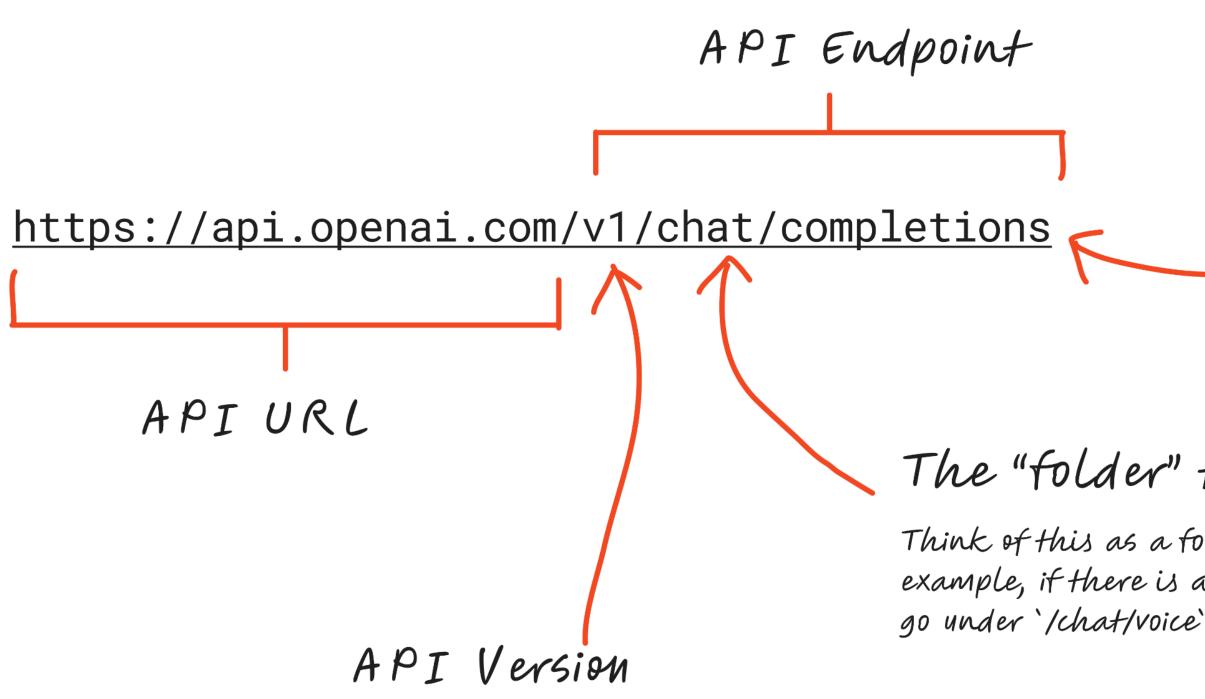
An API is the way our code can talk to someone else's code







The API we're using



Not mandatory, but API developers commonly use this to make sure older version of apps don't break when new API versions come out. It's possible that there will be a `v2` in the future!

The resource we want

'completions' contains the code for AI responses. Notice how it lives on its own unique address of `/v1/chat/completions`.

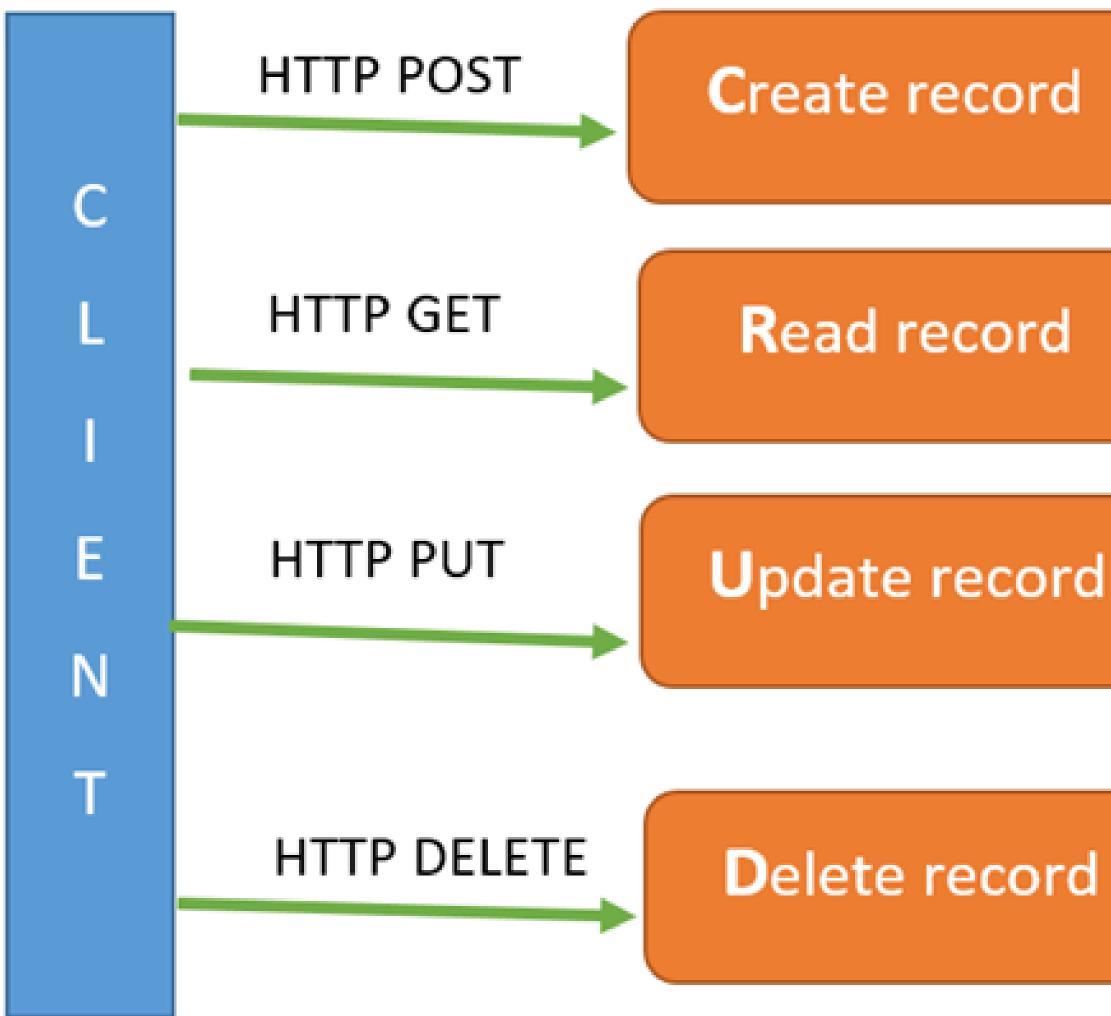
We can go to this specific address, knock on its door, and ask it to do us a favor.

The "folder" that contains other resources

Think of this as a folder that contains many different types of services. For example, if there is another service related to chat called 'voice' it would



How to talk to APIs - HTTP Requests! some data for us to use



POST: We tell the API to create some data for us

PUT: We tell the API to update some data for us

DELETE: Obviously, we tell the API to delete some data for US





Communicating with ChatGPT

Make a **POST** request https://api.openai.com/v1/chat/completions

How to use POST requests

Request

Request Body





Sent request



Back to coding!

Getting the values of our inputs

code

Getting the values into our JavaScript



Interacting with the ChatGPT API

Calling the API with `fetch`

What is the headers in the request?

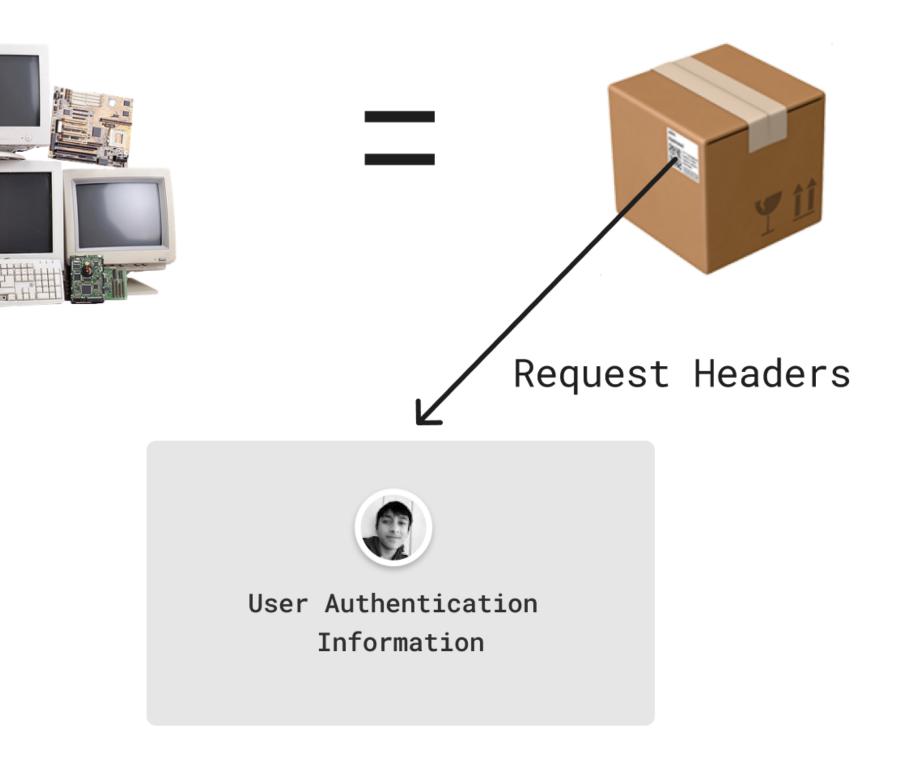
Request



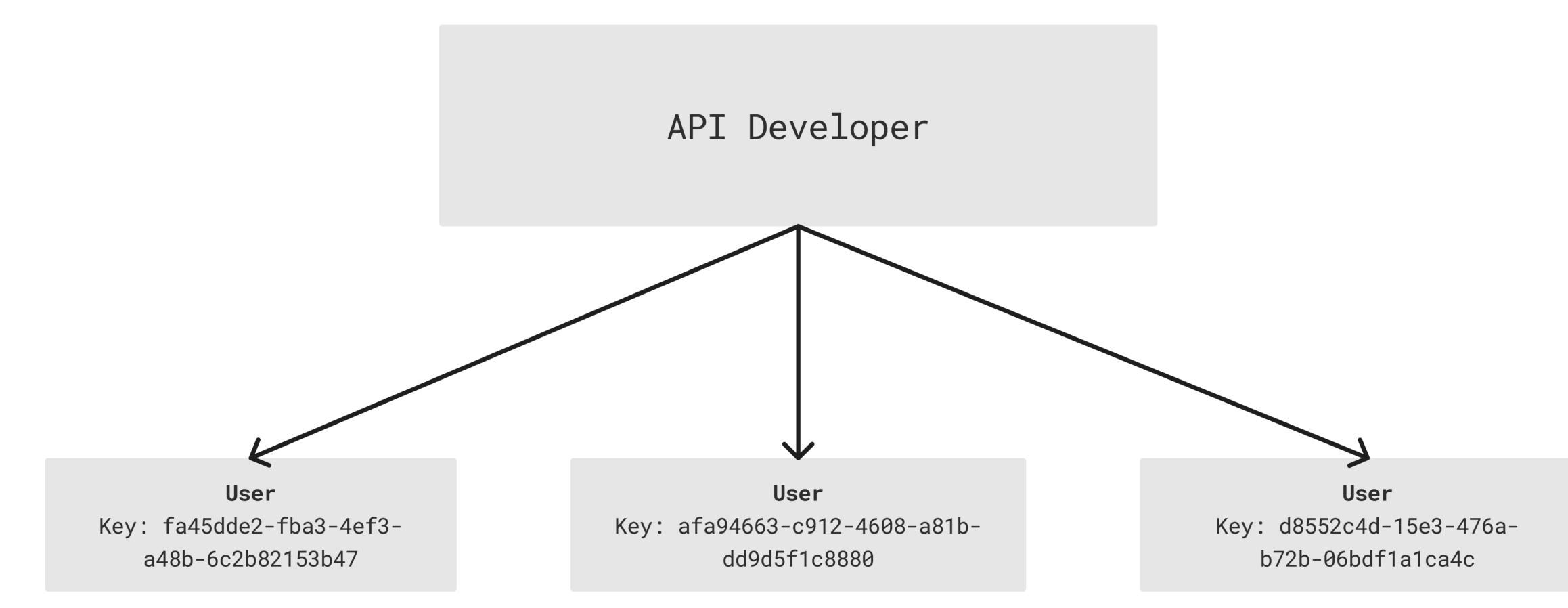
Request Body



Sent request



How API Keys work





What to put in the headers of the request?

What should be the body of the request?

Progress check

Parsing API Response

Adding itinerary e page

Adding itinerary events to the main

