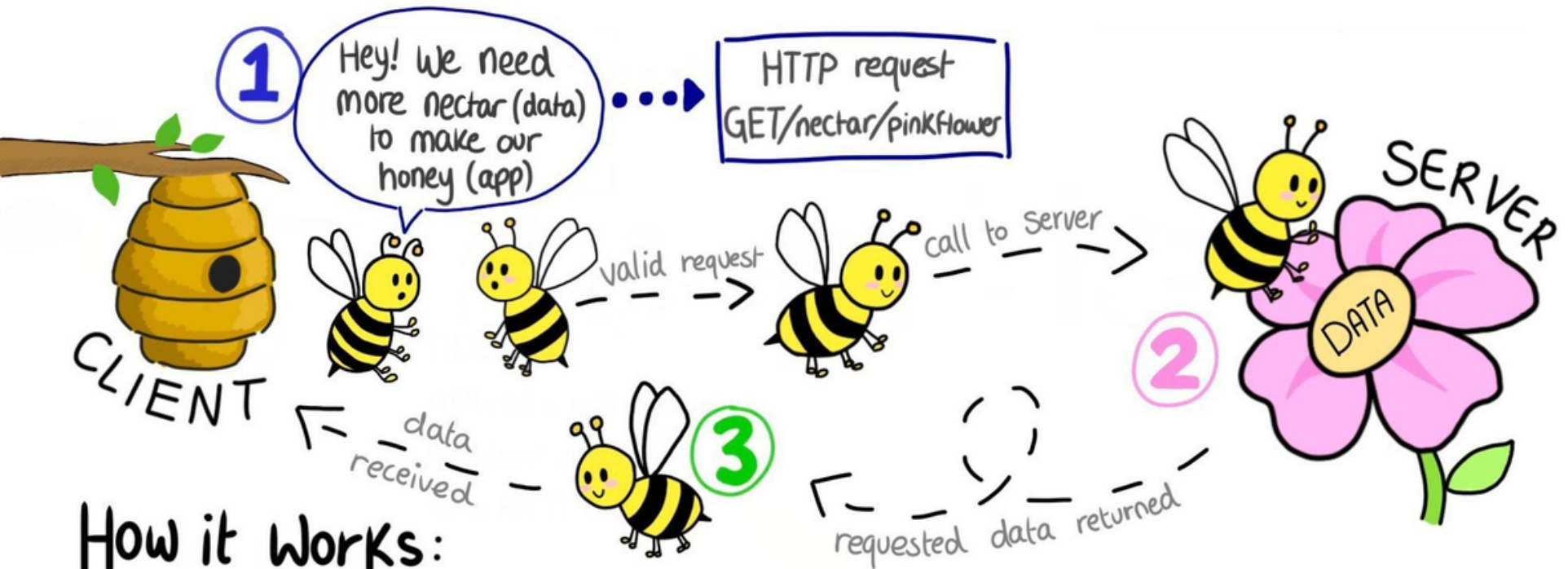


# What is an API?

@Rapid\_API 

An application programming interface allows two programs to communicate. On the web, APIs sit between an application and a web server, and facilitate the transfer of data.



## How it Works:

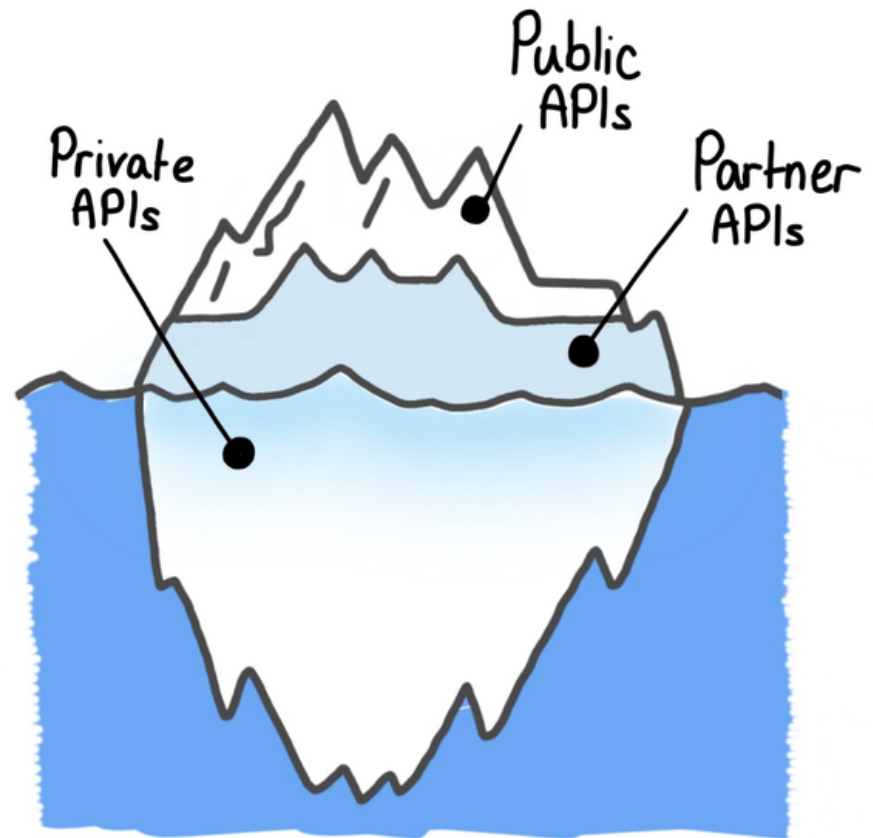
- 1 Request**  
API call is initiated by the Client application via a HTTP request
- 2 Receive**  
Our worker bee acts as an API, going to a Flower (server) to collect nectar (data)
- 3 Response**  
The API transfers the requested data back to the requesting application, usually in JSON format

# What is API accessibility?

When talking about accessibility in terms of APIs, we are referring to the APIs Level of scope.

Each type of API access requires a different build, and which one you choose depends on the purpose of your API

The three levels of accessibility are Public, Partner, and Private.



# Public

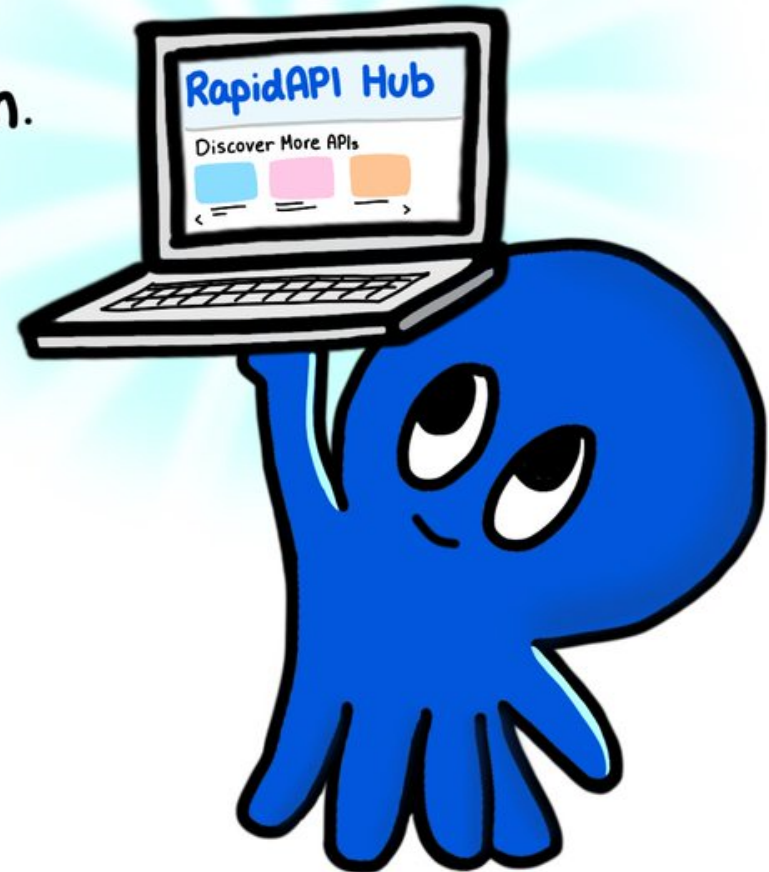
Public APIs are available to anyone. They follow a standardized setup to be accessed, and then their data can be used by any individual or organization.

The goal of public APIs is to drive value and attract consumers. They can also be monetized.

You can find public APIs on API Hubs like RapidAPI Hub.



Public APIs may also be called Open or external APIs





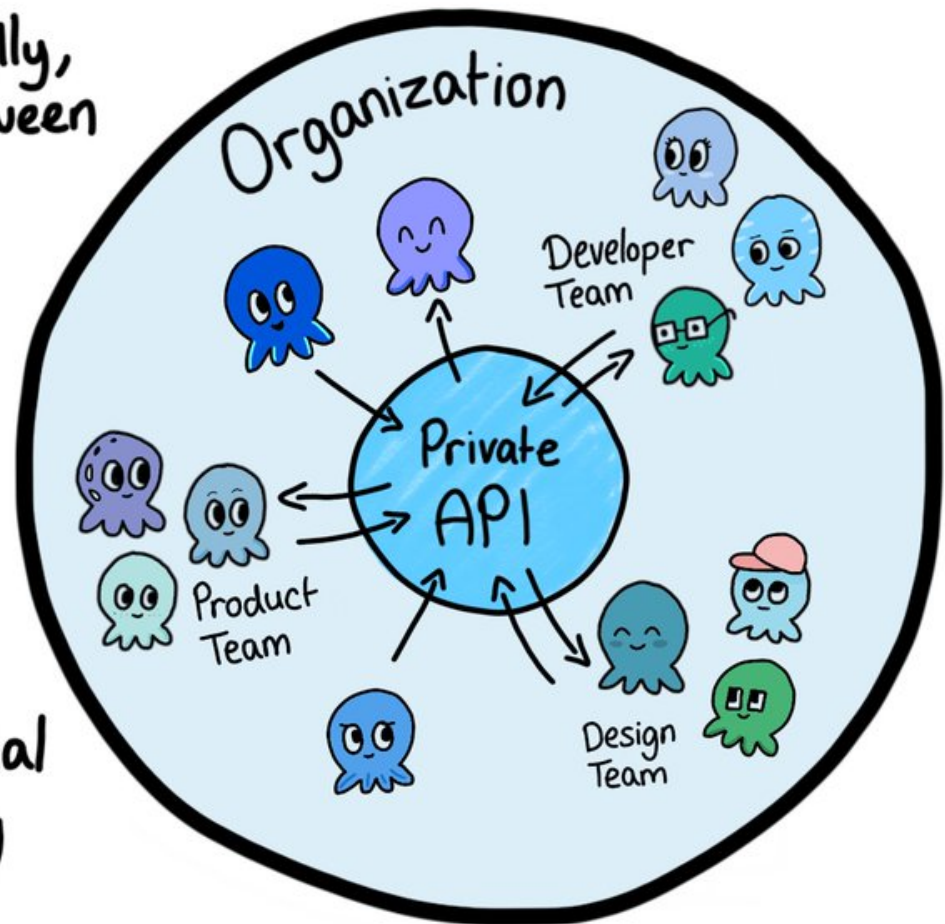
# Private

Private APIs are not intended for any use by third parties. They are built for and used only by a company internally, with the purpose of sharing data between teams and internal systems.

Using an API to transfer data within a company is not only secure, but also efficient.

It is also very scalable. Many businesses may start out with internal APIs with the aim of eventually making them public.

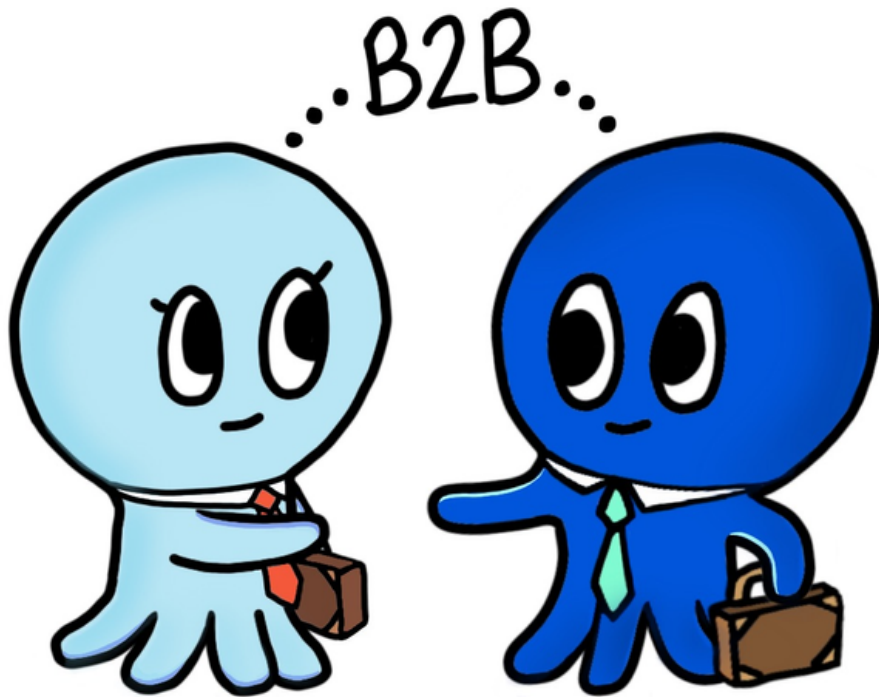
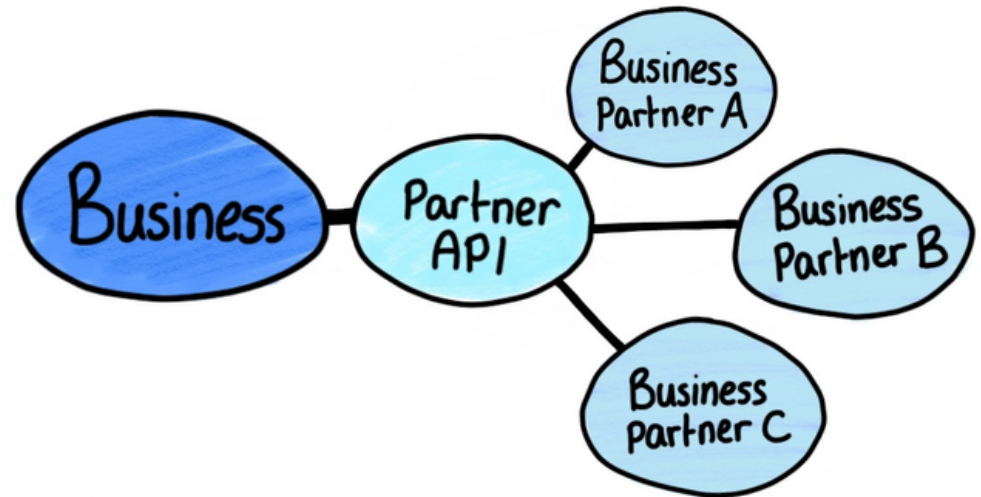
Private APIs are also known as internal APIs!



# Partner

Partner APIs are shared externally only between business partners and organizations.

Partner APIs are only available to select groups, so they sit between being private and public.



Access is limited to authorized clients only, and the data being shared may be sensitive, so security tends to be stricter in partner APIs than public APIs.