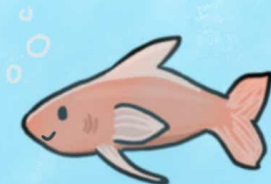
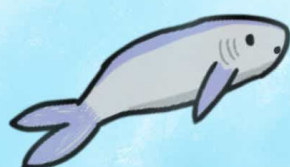


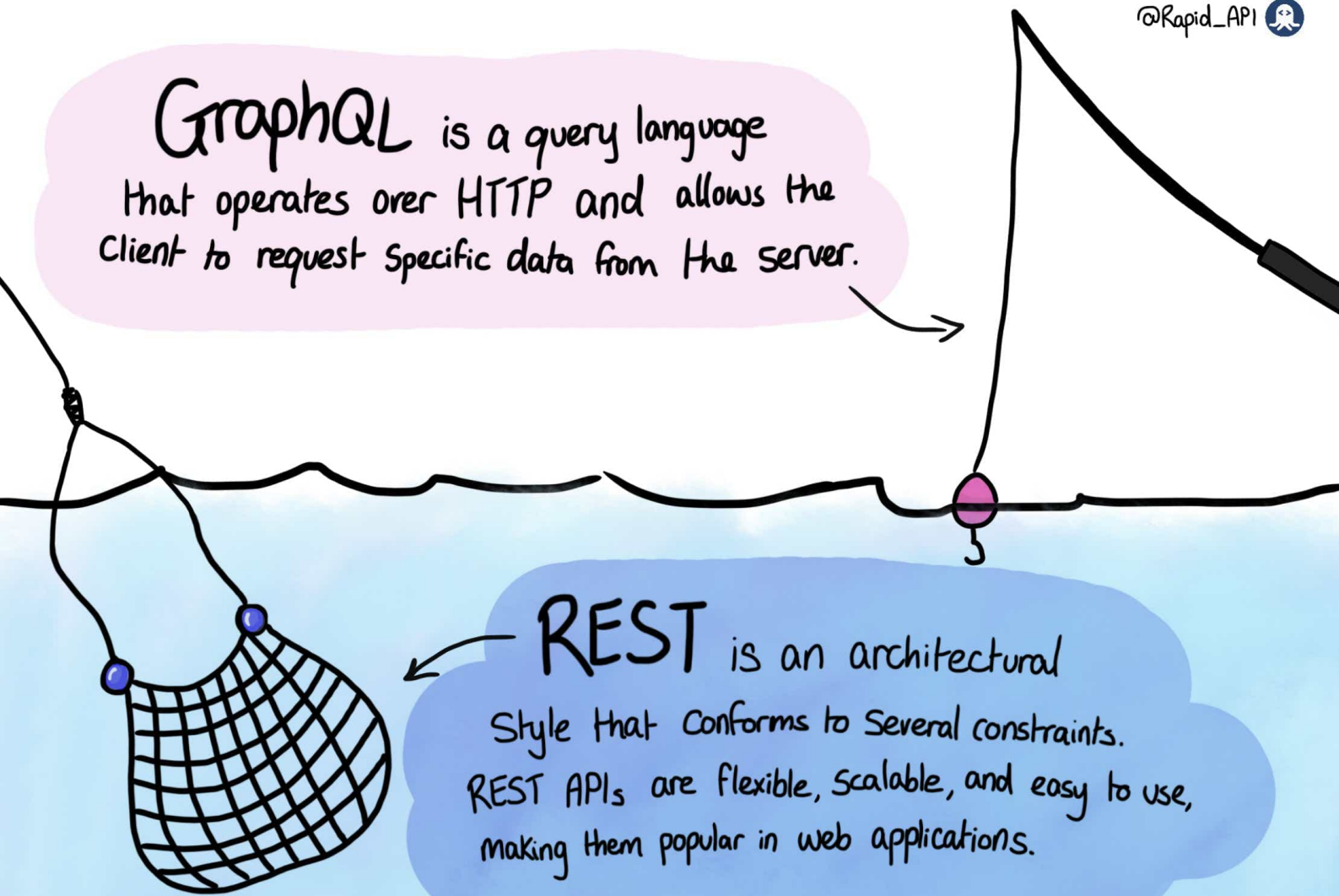
What's the difference between

# REST and GraphQL?



GraphQL is a query language that operates over HTTP and allows the client to request specific data from the server.

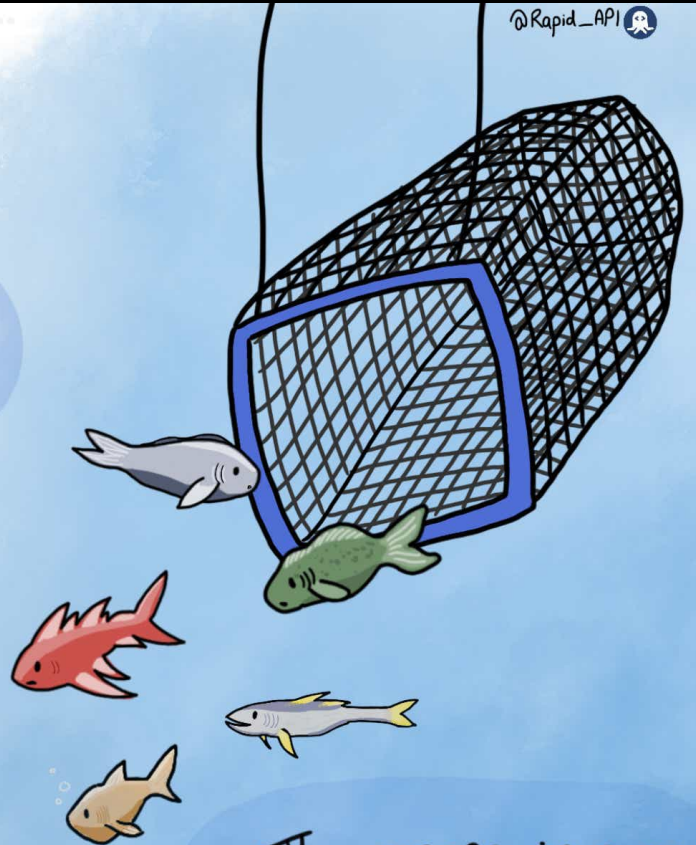
REST is an architectural style that conforms to several constraints. REST APIs are flexible, scalable, and easy to use, making them popular in web applications.



# REST APIs

Fetch data in a way that returns the whole data set.

If you want specific data from two objects, you'll need to make two REST API requests.

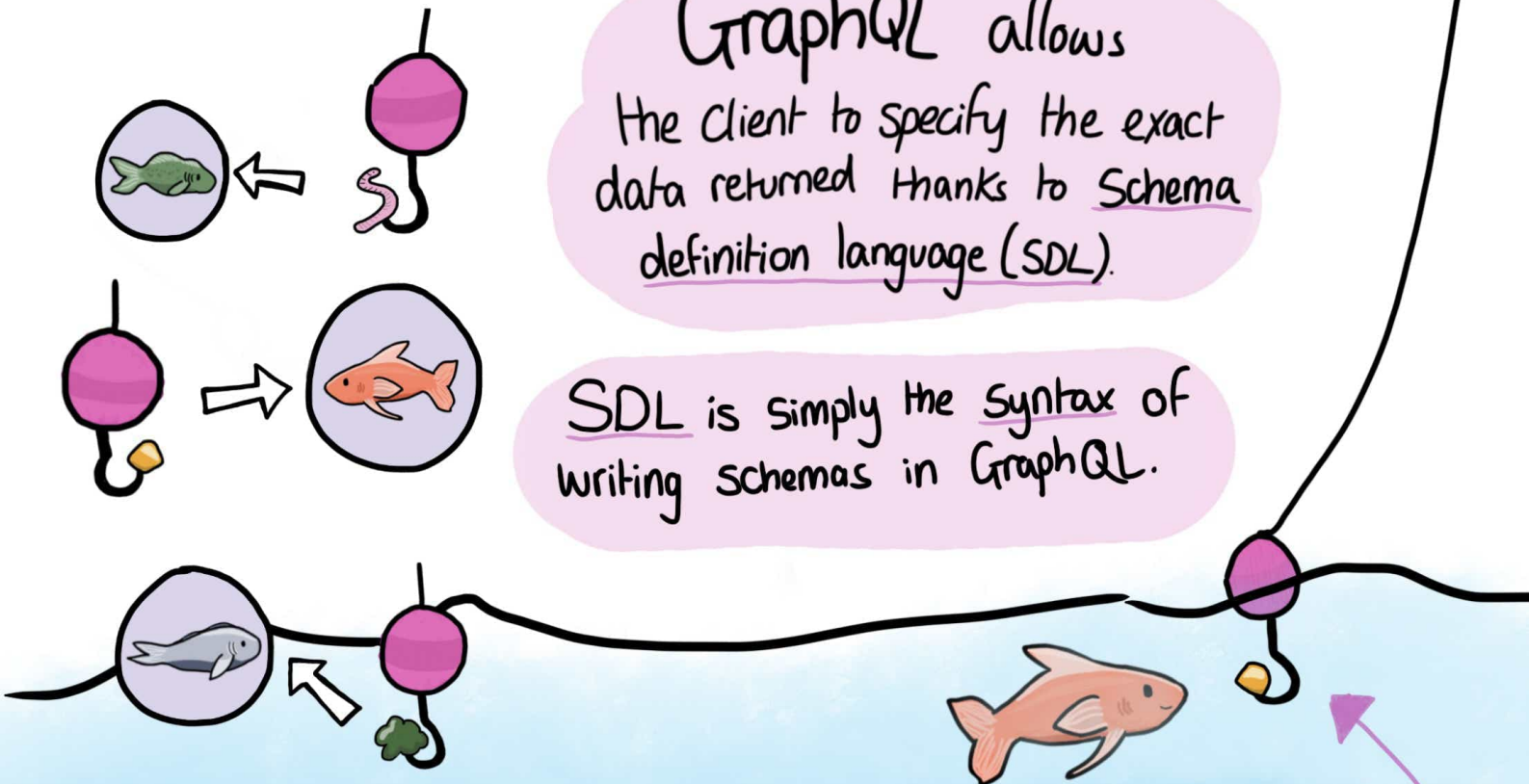


This means in some cases you might be over-fetching data, which means returning some data you won't need.

GraphQL allows the client to specify the exact data returned thanks to Schema definition language (SDL).

SDL is simply the syntax of writing schemas in GraphQL.

When querying in GraphQL, we can access specific data using just one endpoint.





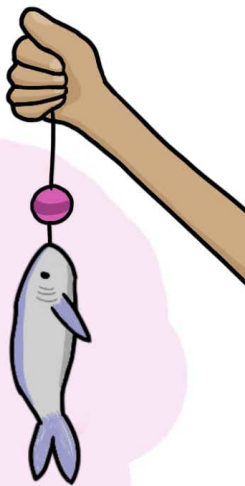


## REST APIs are:

- Simple to use and set up
- Client and server independent
- Flexible, and scalable

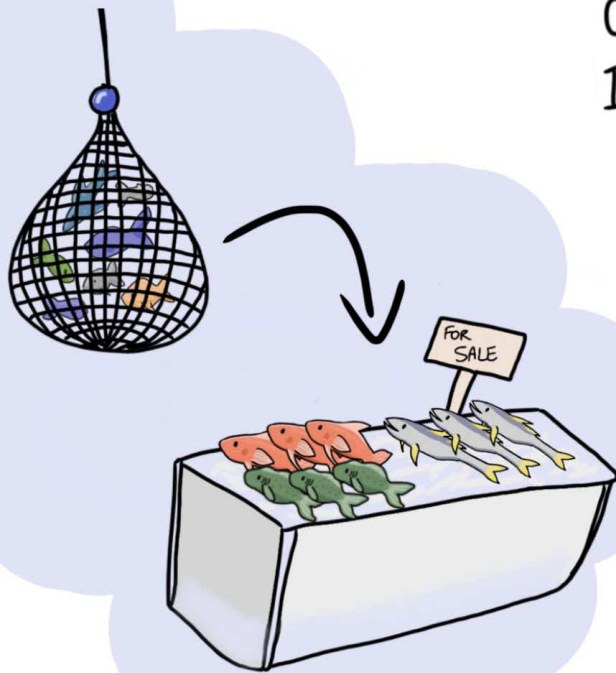
## GraphQL is:

- Centered around one API endpoint
- Tailored to your data requirements
- Requires less bandwidth



# Which should you use?

It depends entirely on the requirements of your application.



One is not better than the other. Instead, they both have their own uses and advantages.

