

Rest API

What is a Rest API?

- Read the following [Link](#).
- If you want to know more you can watch the following [video](#).

Key Terms

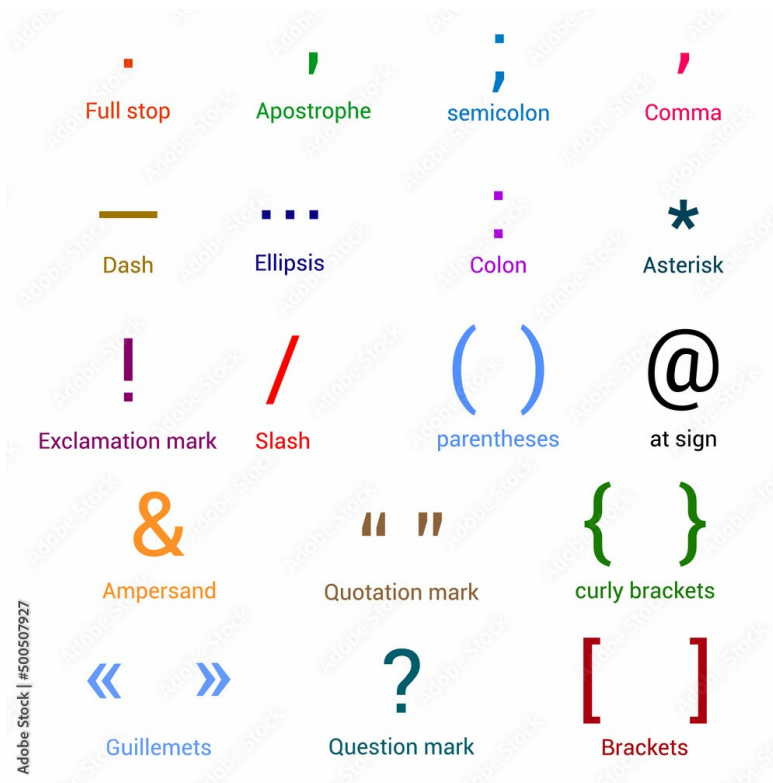
- Endpoint
 - Example: icecream.com/api/flavours
- request / response
- Client / Server
- Frontend / Backend
- CRUD
- JSON Data

Exercises

1. Read this URL in loud voice

a) icecream.com/api/flavours

TIP: Punctuation Marks



b) What does URL stand for?

2. Translate to Spanish the following terms
 - a) flavor
 - b) cloud-based server
 - c) REST **stands for** Representational State Transfer.
 - d) As your service grows in complexity.
 - e) Stateless
 - **Hint:** [driverless](#)
 - f) keep track
 - g) high performance
 - h) pretty straightforward
 - i) resource
3. Go to <https://restful-api.dev/> and try this free API REST.
 - a) Get a list of all the objects.
 - b) Get the info of the object with id 5.

4. Answer the following questions:

a) What does REST stand for?

1. Representational State Transfer
2. Remote Server Testing
3. Real-time Execution Standard
4. Randomized Encryption Security

b) Which protocol do REST APIs commonly use for communication?

1. FTP
2. SMTP
3. HTTP
4. SSH

c) In REST architecture, what term is used to refer to the individual pieces of data or services

1. Nodes
2. Resources
3. Endpoints
4. Objects

d) Which of the following is NOT a standard HTTP method used in RESTful services?

1. GET
2. POST
3. FETCH
4. DELETE

e) What is a key characteristic of REST APIs regarding client-server communication?

1. Stateful interactions
2. Stateless interactions
3. Synchronous processing
4. Encrypted sessions

f) Which data format is commonly used to represent resources in REST APIs?

1. XML
2. JSON
3. HTML
4. CSV