APIs can be categorized into several types based on their architecture, such as**REST, GraphQL, and SOAP**, each with specific use cases.

**1. REST (Representational State Transfer):**

* [**REST**](https://www.geeksforgeeks.org/node-js/rest-api-introduction/) is the most implemented architecture in APIs.
* REST operates over HTTP and follows principles like statelessness, resource-based URLs, and HTTP methods: GET, POST, PUT, DELETE.
* Best For: Simple and scalable applications, web, and mobile apps.

**2. SOAP: Simple Object Access Protocol**

* [**SOAP**](https://www.geeksforgeeks.org/computer-networks/basics-of-soap-simple-object-access-protocol/) utilizes XML for messaging, and it has more rigid security specifications.
* Best For: High-security applications, including banking systems.

**3. GraphQL:**

* [**GraphQL**](https://www.geeksforgeeks.org/graphql/what-is-graphql/) also provides the facility for the client to request certain data from the server.
* This is more flexible than REST because it allows the fetching of data that is more specific.
* Best For: Applications that require fast data querying and have to reduce data over-fetching.

**Auditing**