

API = Application Programming interface

APIs are everywhere

Contract provided by one piece of software to another

Structured request Another response

Rest API

Representational state transfer

Architecture Style for Designing networked Applications.

It relies On a stateless, Client- server Protocol, Almost Always HTTP.

Treats server Objects as resources that can be created or destroyed.

It can be used by virtually any programming language .

HTTP Methods:

Get: Retrieve data from a specified source.

Post: Submit Data to be processed to a specified source

Put: update a specified source.

Delete: Delete a specified source

Get, Post, Put, and Delete are used most.

Others :

Patch: To Update partial resources.

Options: returns the supported HTTP methods.

Head: Same as Get but does not return a body.