Restful api is the architectural style of the API.

It uses HTTP request to send or receive data.

That data can be used to get, put, post, and delete data types, Which refers to reading, updating, creating, and deleting concern resource

An API for the website is the code that allows 2 software program to communicate with each other.

REST is stands for representation state transfer

Advantages of rest

REST uses low bandwidth comparative so suitable for efficient internet connections.

How REST works?

RESTFUL break down transaction to create a series of small modules.

Several cloud services provides rest apis including amazon s3, cloud management interface, openstack swift etc.

REST uses commands to uses resources.

The state of resource at anytime stamp is called as resources repsentation.

GET retrive information

PUT to change the state of or update a resource whcih can be file, object or a block

POST To create that resource

DELETE to remove that

Data formate that rest can be supported are

JSON

XML

X-WBE+XML

Form-data

X-www-form-urlencoded