Rest Api

Rest api is the web architecture used to set rule for the application layer protocol ’ http’ .Rest has no standards as it is a architecture. Rest uses the standard such as HTTp, Json ,Url , Rest uses the JSOn as a default functionality for request /response ,this format changes according to the client wish.

Id or a uri REST is a stateless as it doesn’t save any data only this takes place during the session side

Rest uses the http in order to obtain the information about the resources .When http methods are used in rest then it has a different meaning

Say we request Http request in rest we will be obtaining in the json .

In simple words Rest is uses the http in order to transport data.Rest takes an advantage of business logic .

Rest Methods

As we said rest uses http in order to communicate rest uses http methods like CRUD operations .

->Get – get method is used for read or retrieve the information a representation of resource .When get function is called n number of times the response will be the same effect for n times so its safe.Multiple same request have same result as a response.

->Post:post method is used create a information when pass via uri.When post is called the new request is posted and yes its to keep an eye while calling a post .Unlike get post creates multiple id when this unction is sent so same data may go and sit in with multiple idas

->Put:put method is used or update the content or the entity we just pass the entity to replace the existing entity

->Delete:Delete a resource sent via uri .only delete can be sent once as it is used remove the entity if you pass the delete second time the request will returning wil fail as there will be no value.

Methods status code

Status codes is used to indicate the specific request is completed or not there are five category

1. Information response
2. Successful response
3. Redirects
4. Client response
5. Server errors