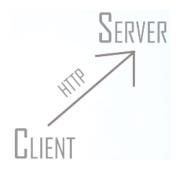
REST Stands for Representational State Transfer

Essentially, a REST API works the same way as a Website... you make a call from a Client to a Server to retrieve data via HTTP Protocol:



Example: If we look at the YouTube's facebook page:



...and then we change www.facebook.com/youtube to https://graph.facebook.com/youtube

...we have just made an API request!

What we see is data formatted as JavaScript Object Notation (JSON):

-Structured data, organized according to key value pairs, for example, how many likes it has:

```
https://graph.facebook.cc x

https://graph.facebook.com/youtube

f

"id": "7270241753",
   "about": "Discover new channels, watch and share your f
   "can_post": false,
   "category": "Product/service",
   "checkins": 29,
   "company_overview": "YouTube provides a forum for peopl creators and advertisers large and small. ",
   "cover": {
        "cover_id": "10152104891506754",
        "offset_y": 0,
        "source": "https://fbcdn-sphotos-f-a.akamaihd.net/hp
   oh=0711bb2d5759df58c96719e5c3f7073c&oe=54381B52&_gda__=14
   },
   "founded": "2005",
   "has_added_app": false,
   "is_community_page": false,
   "is_community_page": false,
   "is_published": true,
   "likes": 81768558,
   "link": "https://www.facebook.com/youtube",
   "name": "YouTube",
   "parking": {
        "lot": 0,
        "street": 0,
        "valet": 0
```

There are 4 Types of REST API's

- Table API: used to perform CRUD operations on existing tables.
- Aggregate API: used to compute aggregate statistics about existing table and column data.
- Import Set API: used to provide a REST interface for import set tables.
- Performance Analytics API: used to query data about Performance Analytics scorecards.
- **CRUD = Create, Read, Update, Delete

The following methods conform to the REST standard and are available in ServiceNow:

- GET
- POST
- PUT
- PATCH
- DELETE

Each API may support certain methods. Refer to the documentation for each API to view detailed method information.