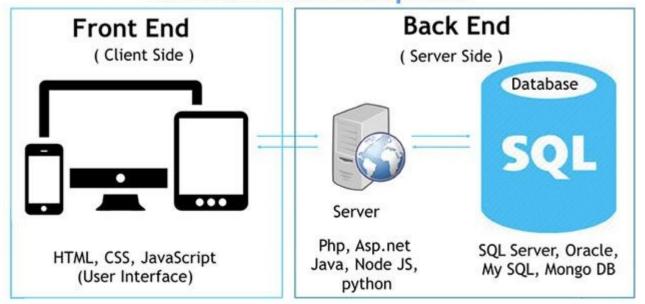




REST APIs and ORM

REST APIS

Full Stack Web Development



End User with Browser









Server Back-end System









Delivery of order



Waiter



Bringing from Kitchen

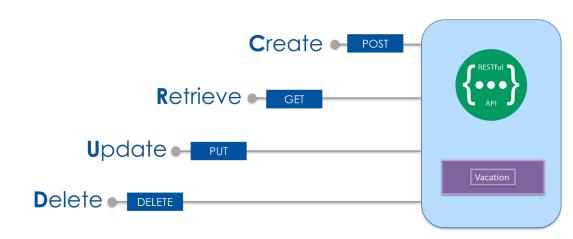


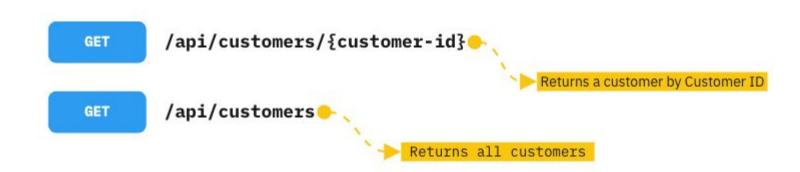
Chef

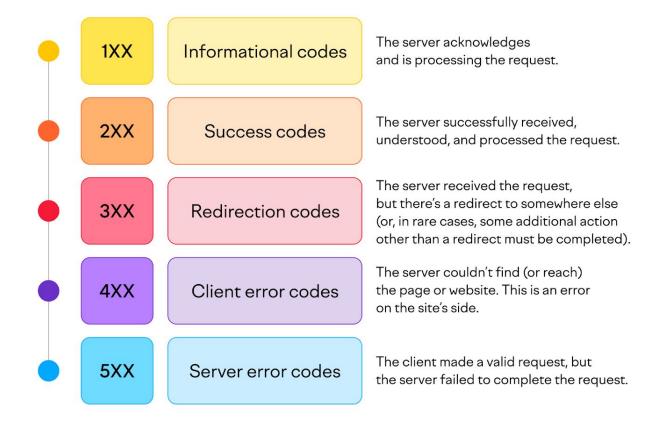
HTTP Verbs



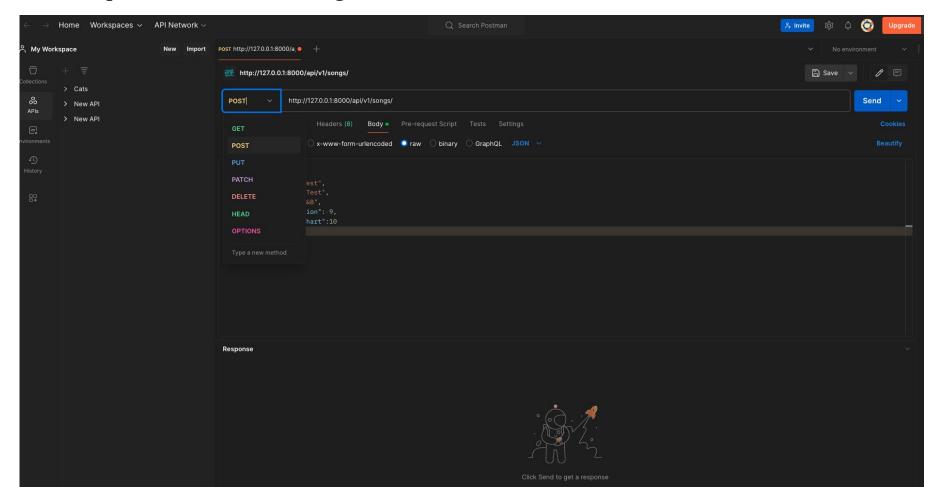
- GET
- POST
- DELETE
- PUT
- PATCH







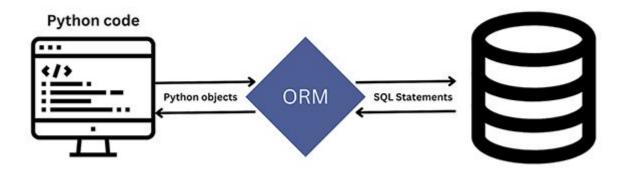
Example Tool for API Testing



Object Relational Mapping (ORM)

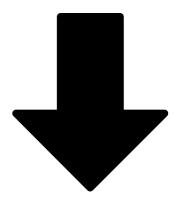
```
Opening
                             Name of
                 the CTE
                             the CTE
                  with value_per_order as
   Parenthesis
                      select
   CTE as first
                           order_id
 step of query
                           ,sum(quantity * price) total_revenue_per_order
                           from {{raw.e_commerce_sample.webshop_order_line}}
                           group by order_id
   Parenthesis
                  select
                  sum(total_revenue_per_order) as total_revenue
  Usual select
                  ,avg(total_revenue_per_order) as average_revenue_per_order
    statement
                  ,min(total_revenue_per_order) as smallest_order
                   ,max(total_revenue_per_order) as largest_order
CTE as location
                  from value_per_order
      of table
```





SELECT * FROM Books WHERE author = 'JK Rowling';





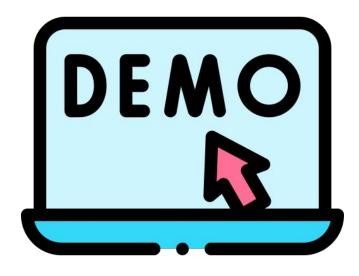
Books.objects.filter(author = 'JK Rowling')



Books.findAll({ where: {author = 'JK Rowling'}})



DEMO



Q & A

The End