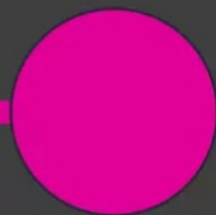


GraphQL

# API Testing



2012  
Development started



2015  
Open sourced



2016 2017 2018  
Evolving specification

# Rest Vs GraphQL

## REST

Architectural Style

GET, POST, PUT, PATCH, etc.,

Overfetching/Underfetching

## GraphQL

Framework/Query Language

POST 

Server Side Filtering (Resolvers)

# GraphQL Operations

## Queries

read data

```
query {  
  search(q: "name") {  
    title  
    author  
  }  
}
```

## Mutations

write data

```
mutation {  
  create(title: "book") {  
    id  
  }  
}
```

## Subscriptions

listen for data

```
subscription {  
  onCreate {  
    id  
    title  
  }  
}
```