## GRAPHQLIN KIWI.COM TPS AND TRICKS Michal Sänger

## WHY?

- Easy on-boarding
  - Handy tools
  - Bright future

## WILD WILD REST

## WILD WILD REST

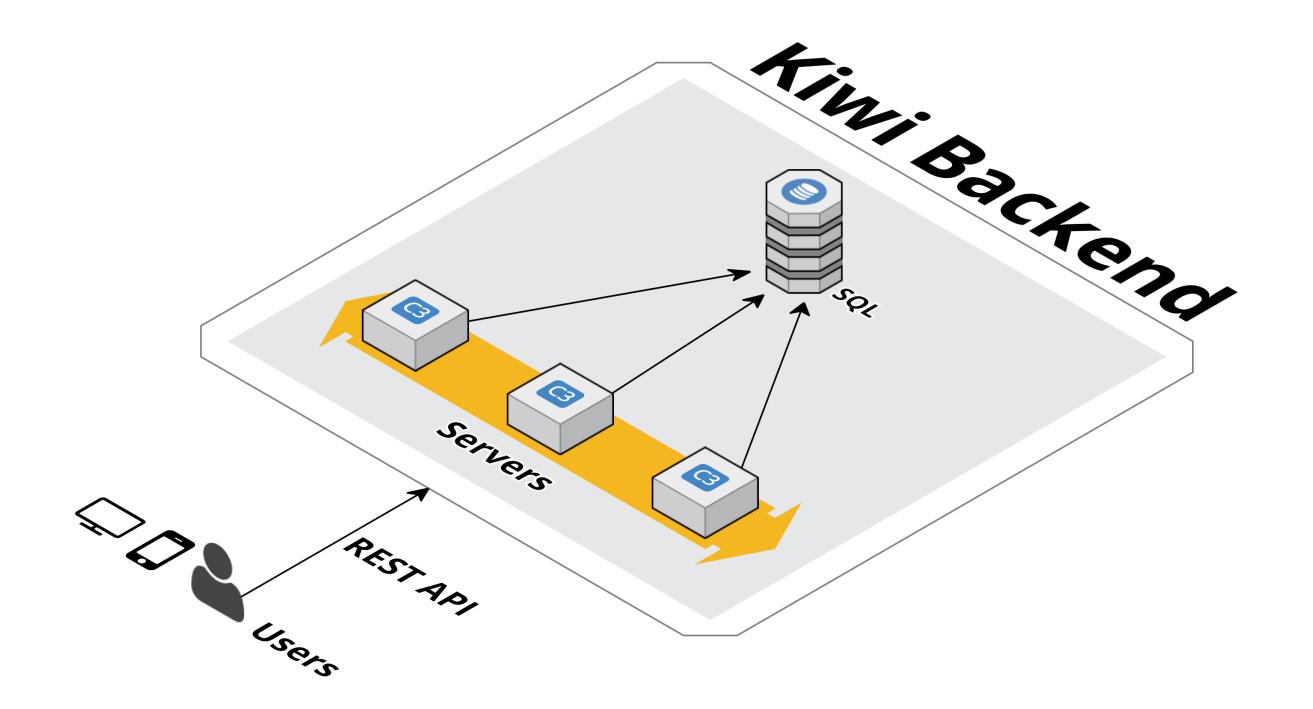
- · docs.skypickerpublicapi.apiary.io
- · docs.skypickerbookingapi1.apiary.io
  - · docs.locations10.apiary.io

## WILD WILD REST

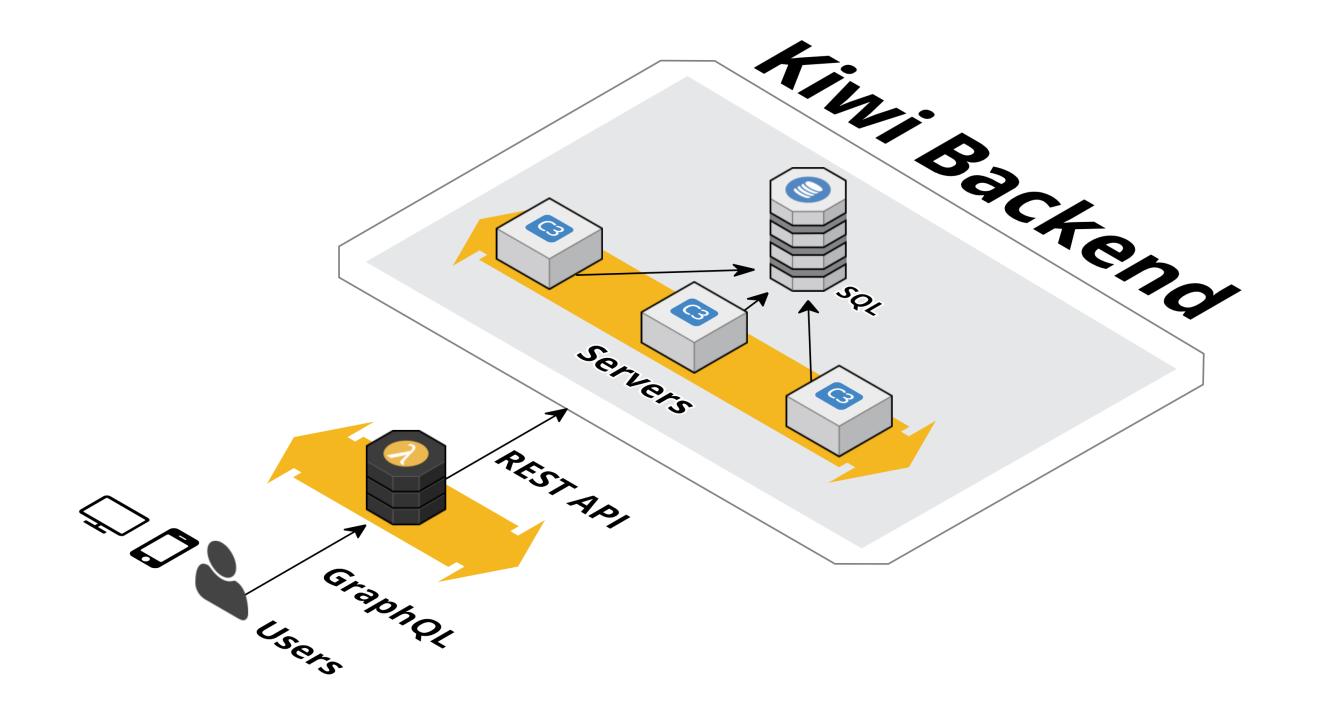
- WTF factor > 0
  - Docs get old
    - Versioning
- Over fetching

## HOW

- Proxy REST API
  - Serverless









## WISH DRIVEN DEVELOPMENT

## HOW

New project? - www.graph.cool

## TOOLS

- Apollo Optics
- GraphQL Voyager
  - GraphiQL

## GRAPHQL VOYAGER





### **Type List**

RootQuery root O

**Root Query** 

AdditionalBaggage

No Description

Airline

No Description

AllowedBaggage •

No Description

Baggage

No Description

Booking

No Description

Coordinates 

O

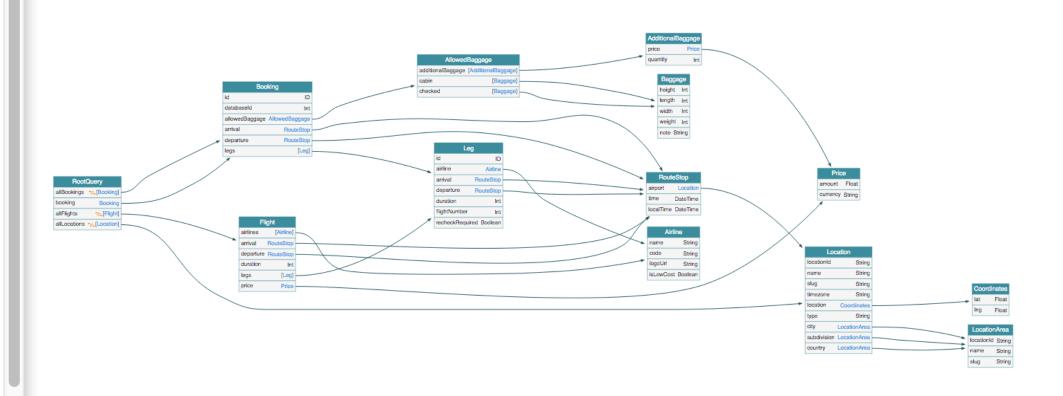
No Description

Flight

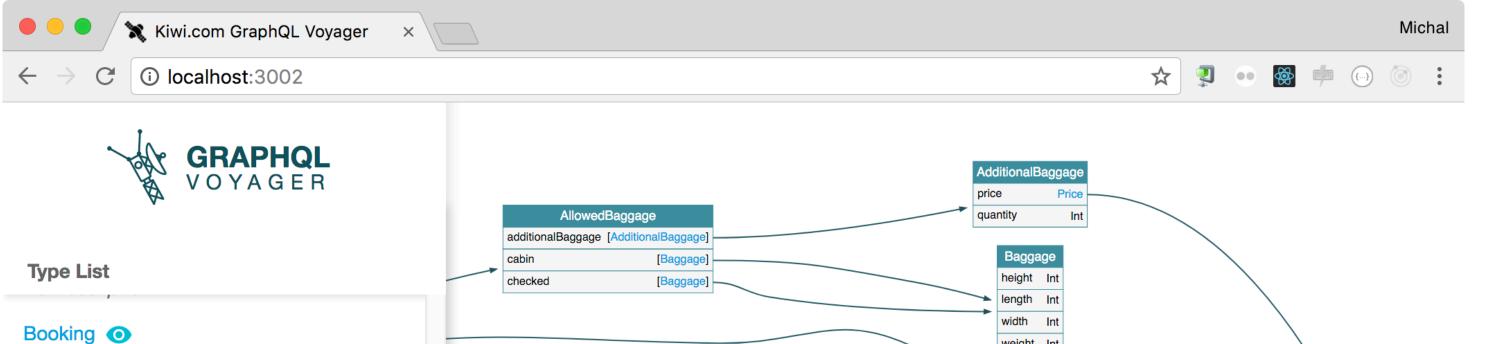
No Description

Leg

Leg is the operation of an aircraft from one







No Description

### Coordinates O

No Description

### Flight

No Description

### Leg

Leg is the operation of an aircraft from one scheduled departure station to its next scheduled arrival station.

### Location

No Description

### LocationArea O

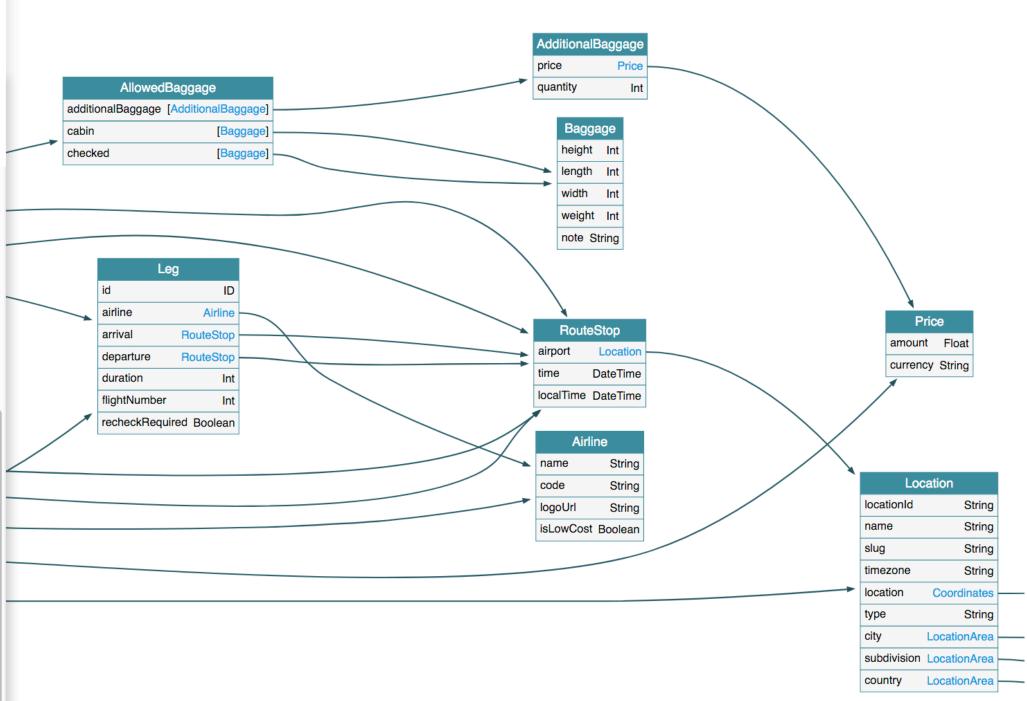
No Description

### Price O

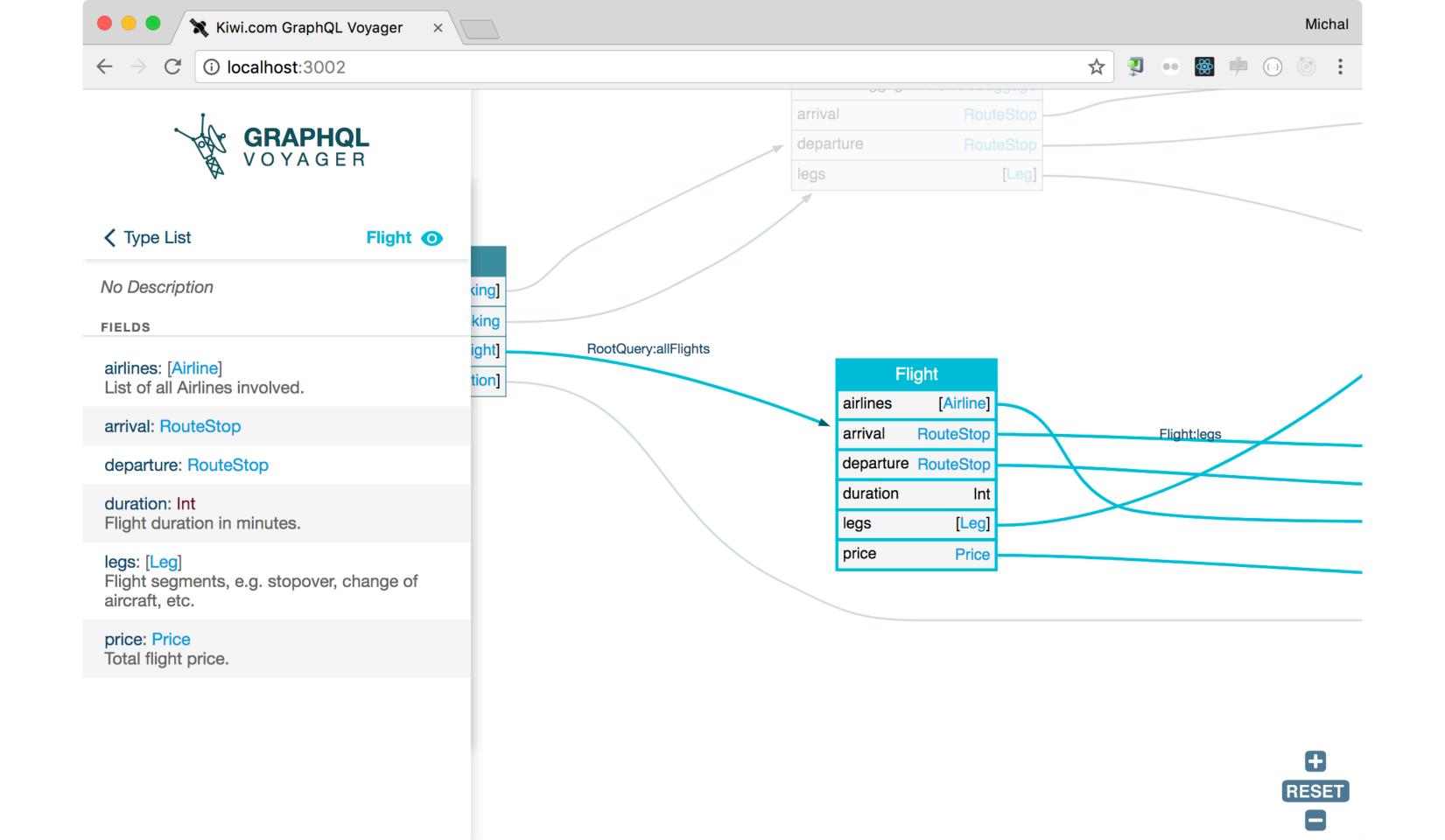
No Description

### RouteStop

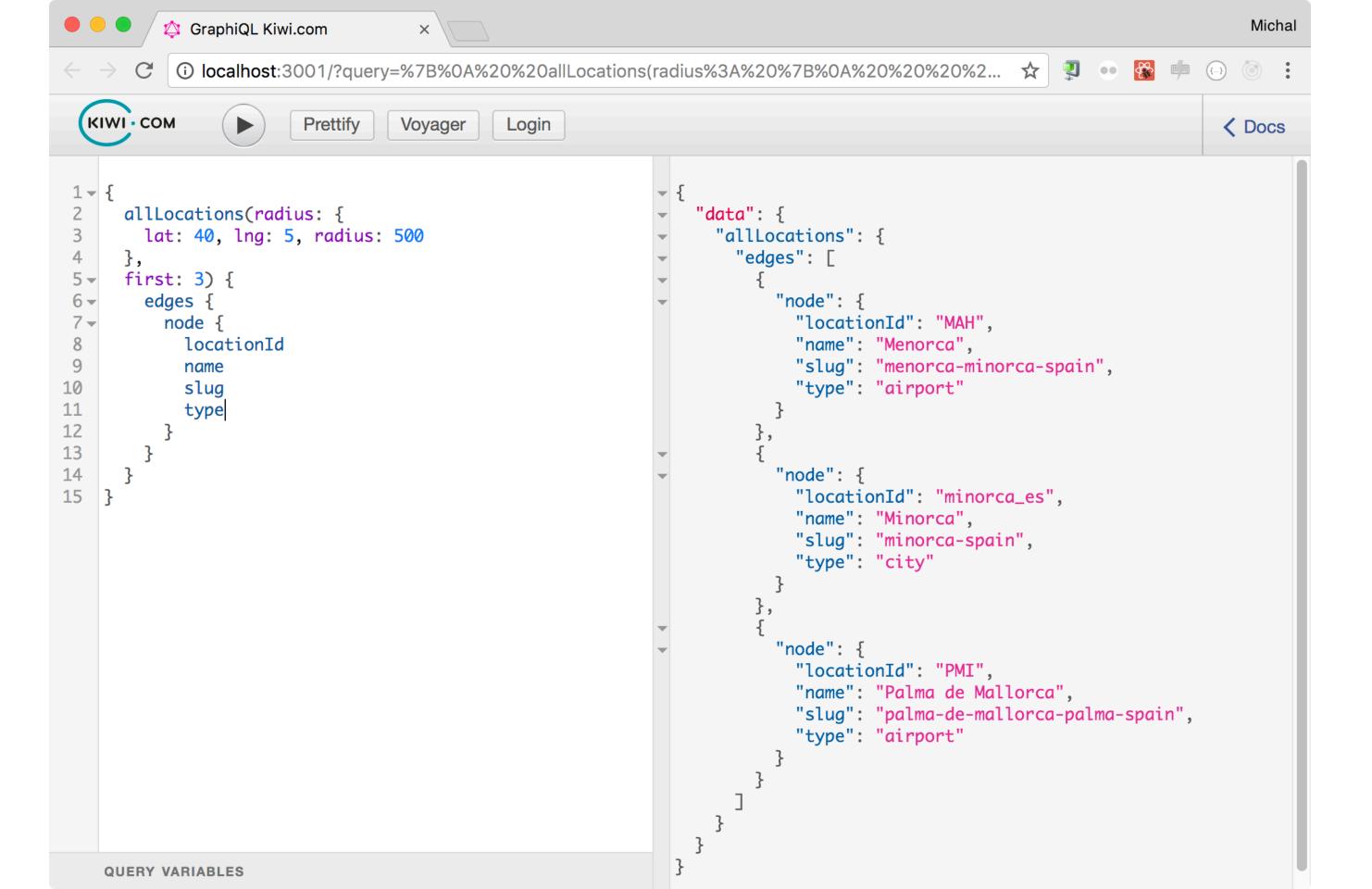
No Description

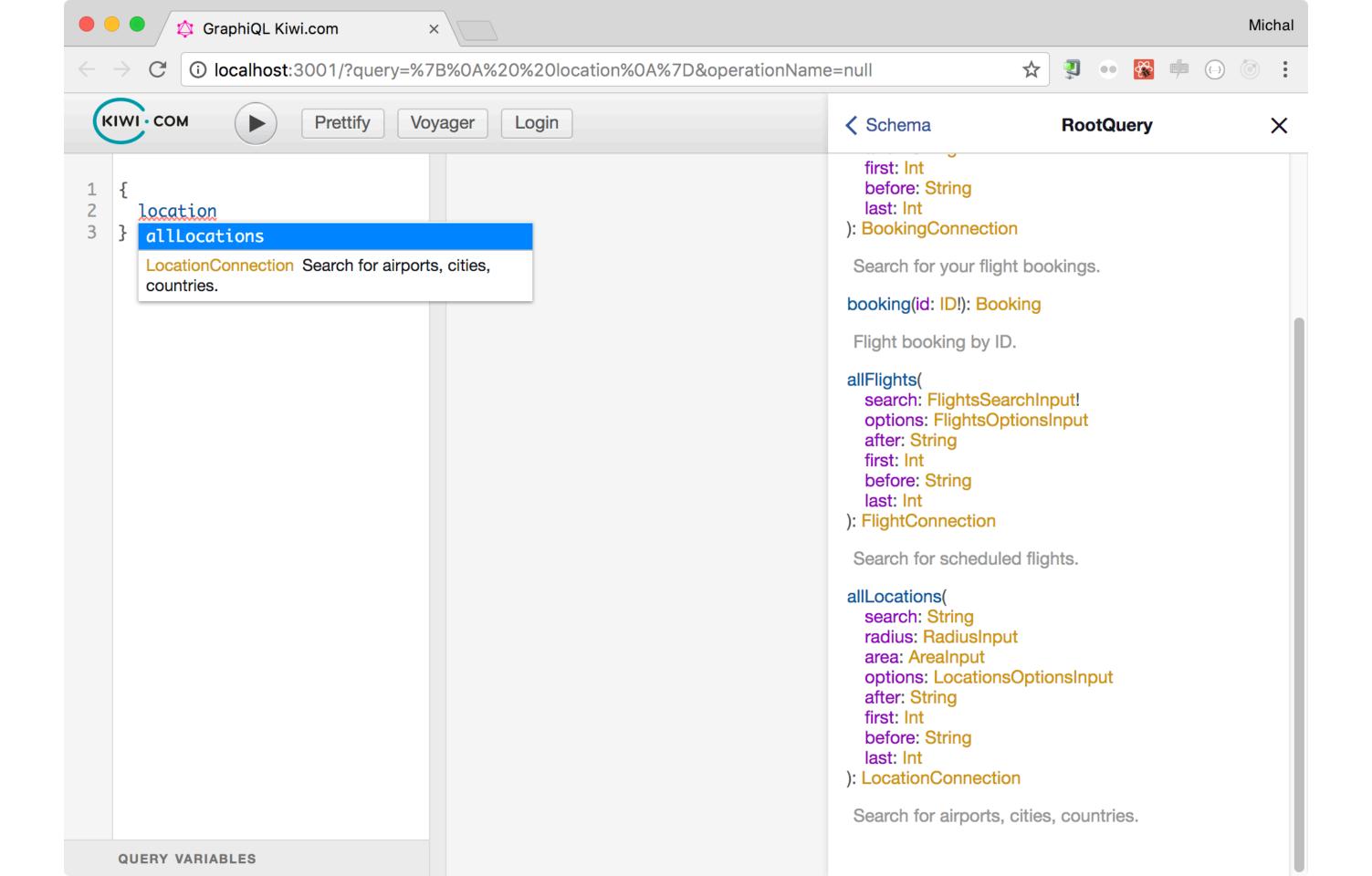






# GRAPHIQL





### CODE

- Flow type
- Relay pagination
- · Tests, mocked API responses

- Data fetching lib
  - Batching
  - Caching

```
allBookings(last: 2) {
  edges {
   node {
      id
      allowedBaggage {
        additionalBaggage {
          price {
            amount
            currency
          quantity
```

```
allowedBaggage {
  additionalBaggage {
    price {
      amount
      currency
    quantity
```

github.com/facebook/dataloader

### FUTURE

- · Use on Kiwi.com and Mobile app
  - Subscriptions via AWS
    - Rate limiting

## THANKS

KIWI-GRAPHIQL.NOW.SH

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### HOWTOGRAPHQL.COM

### The Fullstack Tutorial for GraphQL



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