@derekclair
github/derekclair
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Benefits

A layer between back-end & front-end;
completely decoupling them!

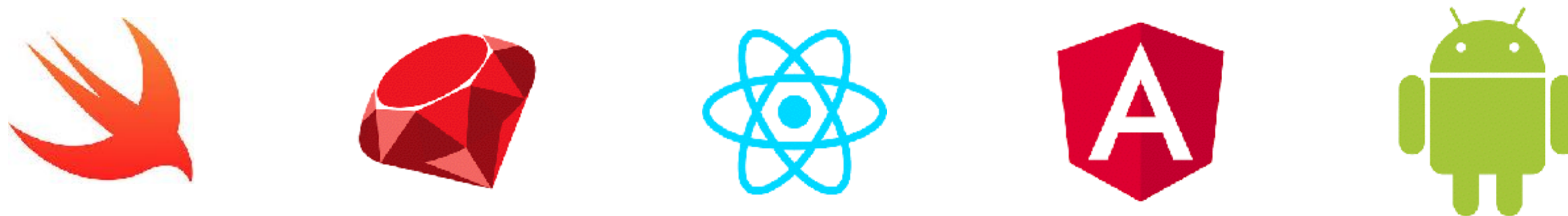Clients fetch exactly the data needed in one round-trip

Version*less* API

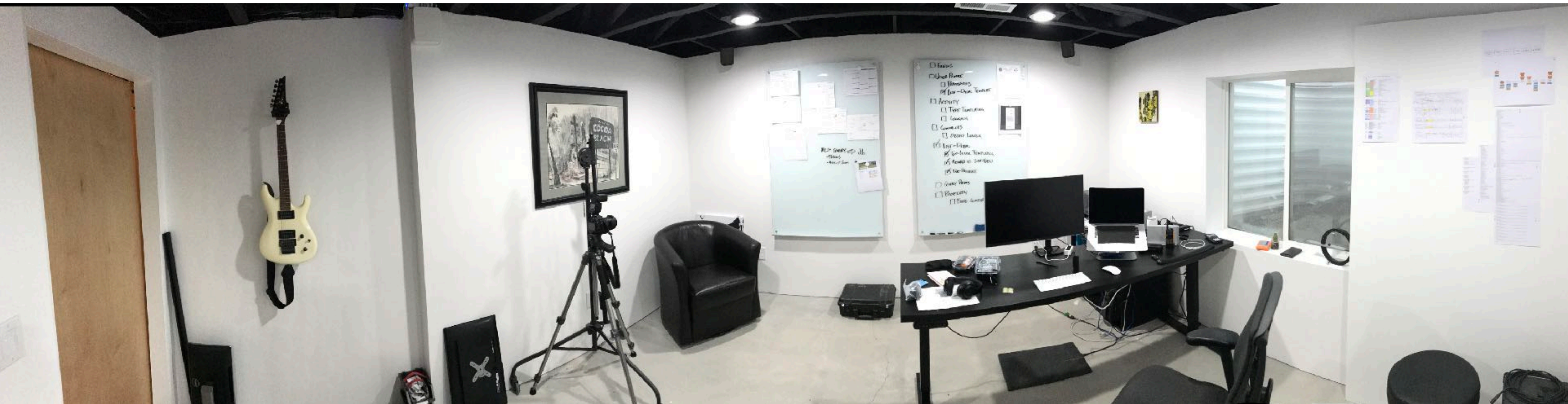Strongly-typed & hierarchical

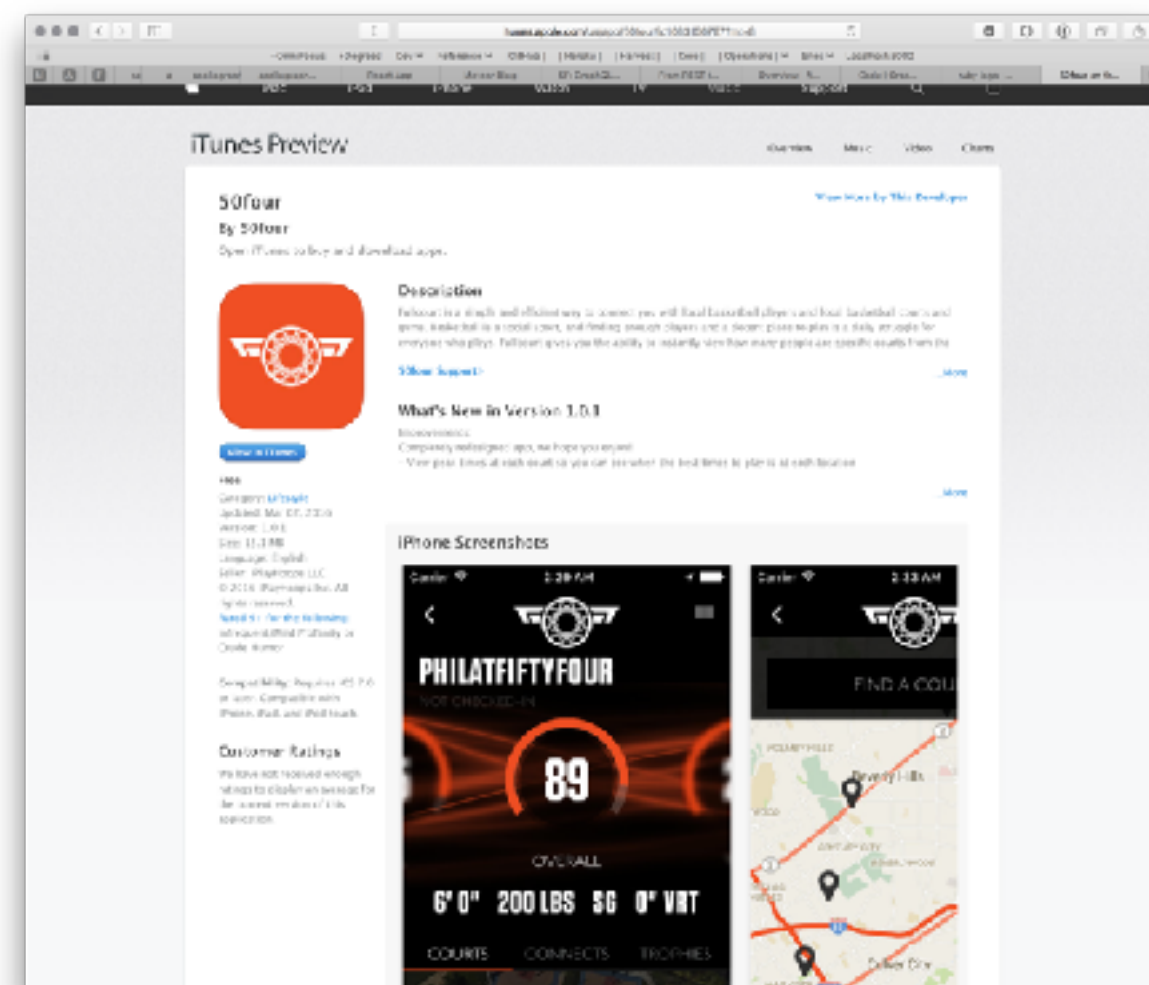# Who's using GraphQL

On Which Platforms

April	My Company Failed
Oct	Meteor 1.0

2015

May	Meteor Development Group (MDG) raises $15M
Summer	Basement Laboratory
Sept 14	Facebook releases GraphQL as Technical Preview

2016

July	Meteor 1.4
Fall	MDG launches Apollo
Sept 14	GraphQL leaves Technical Preview

Basement Laboratory

Basement Laboratory

50Four

Premier.ag

Current:

ROI Property Group Management

Type System

```
const query = /* GraphQL */`
  type User {
    id: ID
    firstName: String!
    lastName: String!
    lastLogin: Date
  }
`;
```

```
{
    "id": "1234",
    "firstName": "Getdem",
    "lastName": "dolla-bills",
    "lastLogin": "new Date(1487196780670)",
}
```

Code

192.168.216.238:8080/graphiql

192.168.216.238:3000

```
$ npm install --save graphiql
```

```javascript
import React from 'react';
import ReactDOM from 'react-dom';
import GraphiQL from 'graphiql';
import fetch from 'isomorphic-fetch';

function graphQLFetcher(graphQLParams) {
  return fetch(window.location.origin + '/graphql', {
    method: 'post',
    headers: { 'Content-Type': 'application/json' },
    body: JSON.stringify(graphQLParams),
  }).then(response => response.json());
}

ReactDOM.render(<GraphiQL fetcher={graphQLFetcher} />, document.body);
```

The End

- learngraphql.com

- graphql.slack.com

- graphql.org

- apollodata.com

- Medium

- Tutorial: How to build a GraphQL server

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