GraphQL

- Uses a single endpoint to fetch specific data

- Used in apps requiring low bandwidth

- A query language for APIs

- Uses schema to describe its data

- Functions using queries and mutations

```
const express = require("express");
```

```javascript
const { graphqlHTTP } = require("express-graphql");
```

```
const { buildSchema } = require("graphql");
```

```
type Query {
```

```
items: [Item]
```

```
const schema = buildSchema(`
```

```
name: String
```

`id: Int`

```
type Item {
```

```
{ id: 2, name: "Item Two" },
```

`items: () ⇒ [`

```
{ id: 1, name: "Item One" },
```

```
const root = {
```

```
const app = express();
```

```
app.use("/graphql", graphqlHTTP({ schema, rootValue: root, graphiql: true }));
```

```
app.listen(4000);
```