Writing a Simple GraphQL Server in Python

Aubrey Collins

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- Query language for APIs
- Allow for retrieval of many resources in one request (unlike REST APIs)
- Focuses on the *structure* of data, not on specific API endpoints
- Available for SQL or NoSQL backends

```
type person {
    id: ID!
    name: String!
    age: Int!
}
```

```
type person {
    id: ID!
    name: String!
    age: Int!
}

query person(id: 1) {
    name
    age
}
```

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- Accepts queries via HTTP, returning results in JSON format
- Uses regular expressions to parse GraphQL syntax
- Allows user to define GraphQL types as Python objects
- Creates SQLite tables based on user-defined types

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- Evolving schema

References

- GraphQL: graphql.org
- Graphi: github.com/aubreypc/graphi