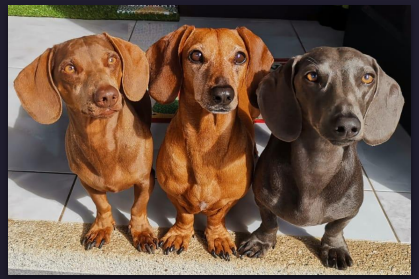
Using

Instant GraphQL Tools

as BackEnd Development Accelerators

About me

- I’m Orlando Vega
- 18 years of experience
- Developer at Buildto.io



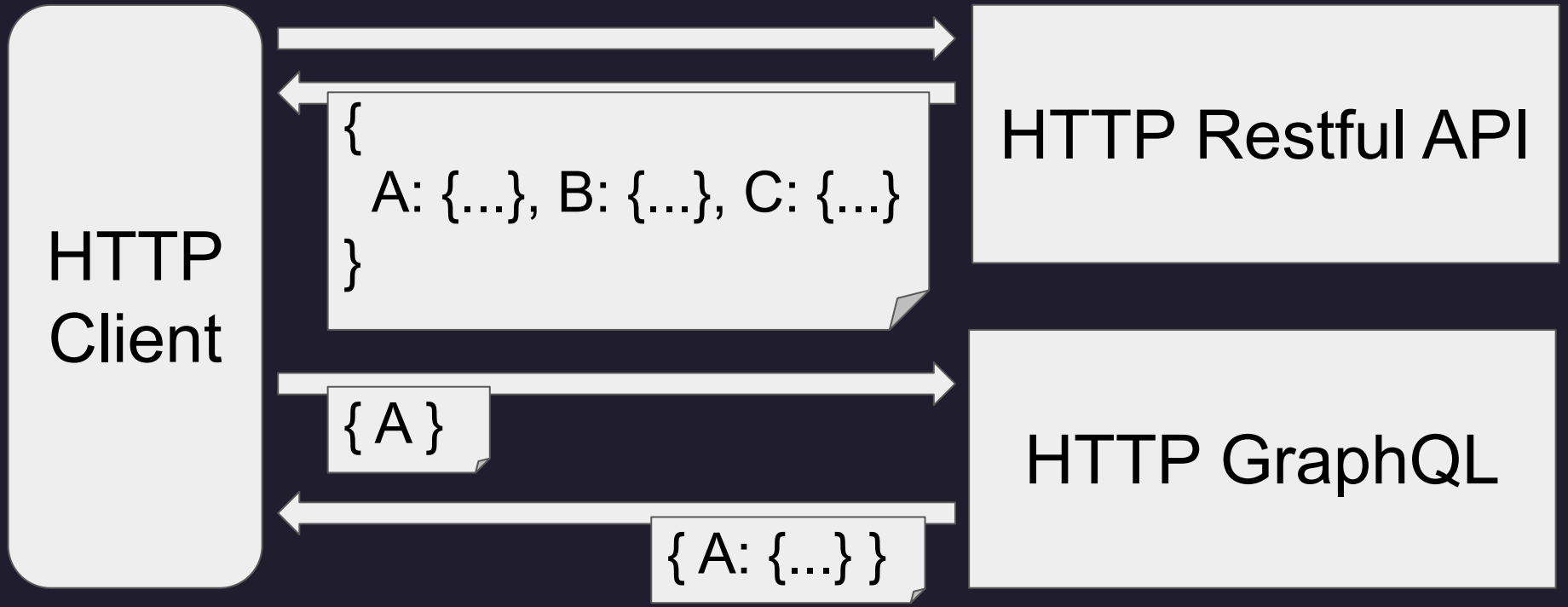
Database Example

https://www.postgresqltutorial.com/postgresql-getting-started/postgresql-sample-database/

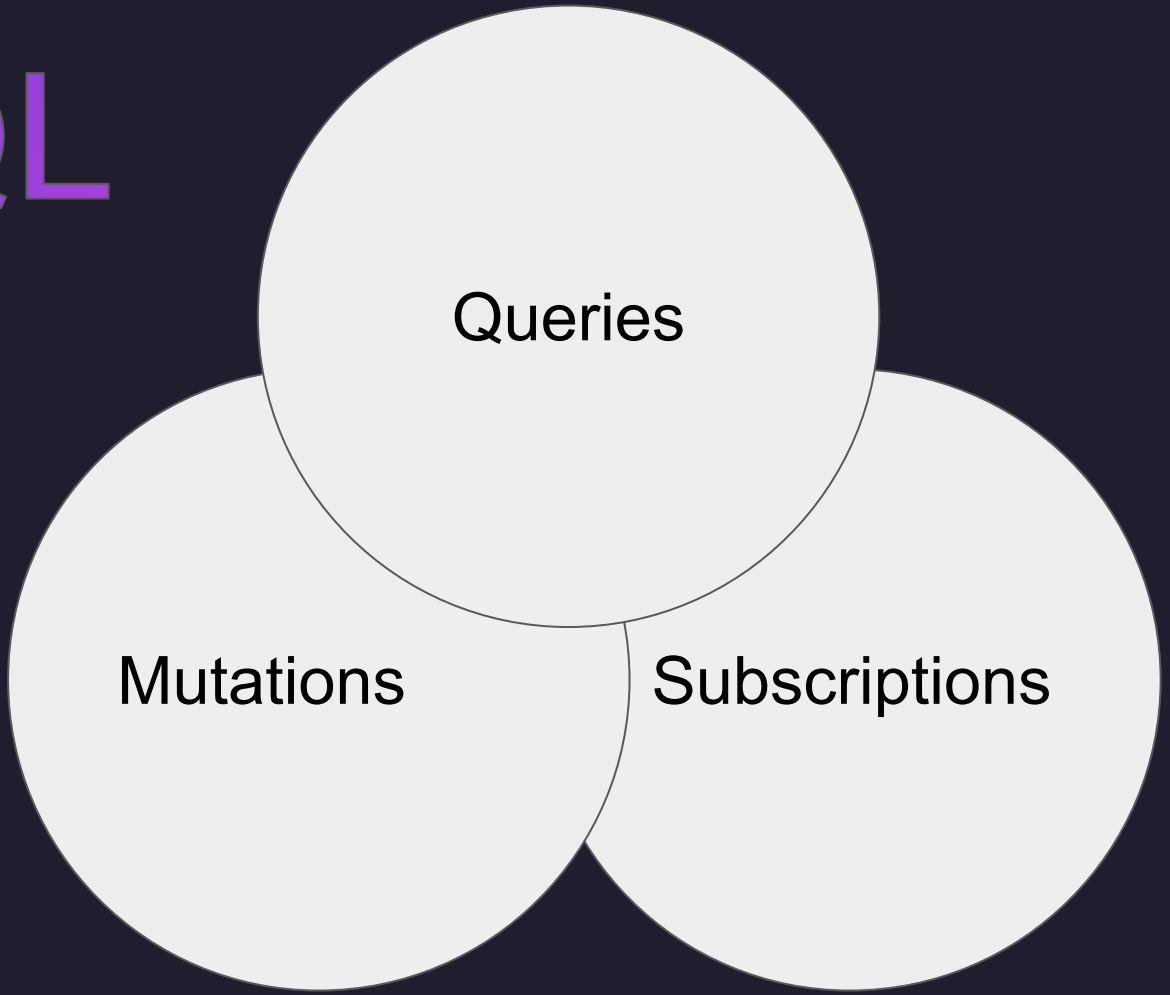
Agenda

- GraphQL
- GraphQL Instant Tool
- Hasura, Postgraphile, Dgraph
- Comparison
- More Alternatives
- Conclusions

GraphQL



GraphQL



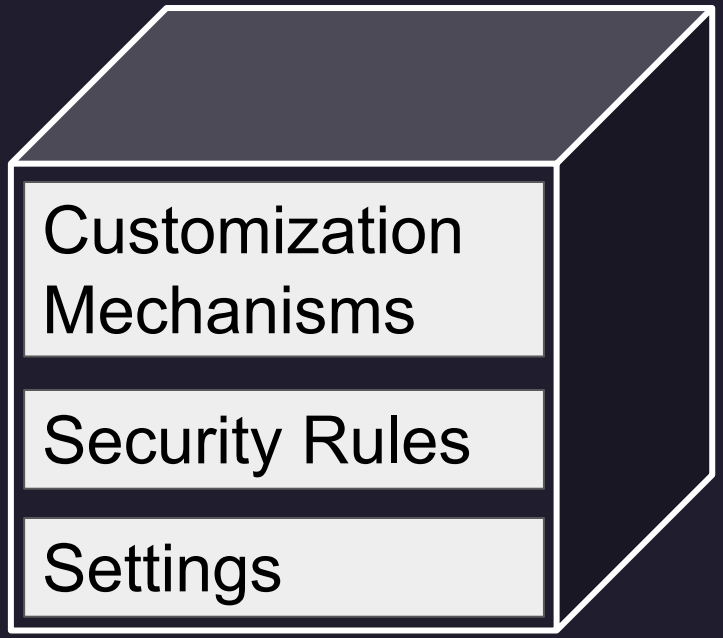
GraphQL

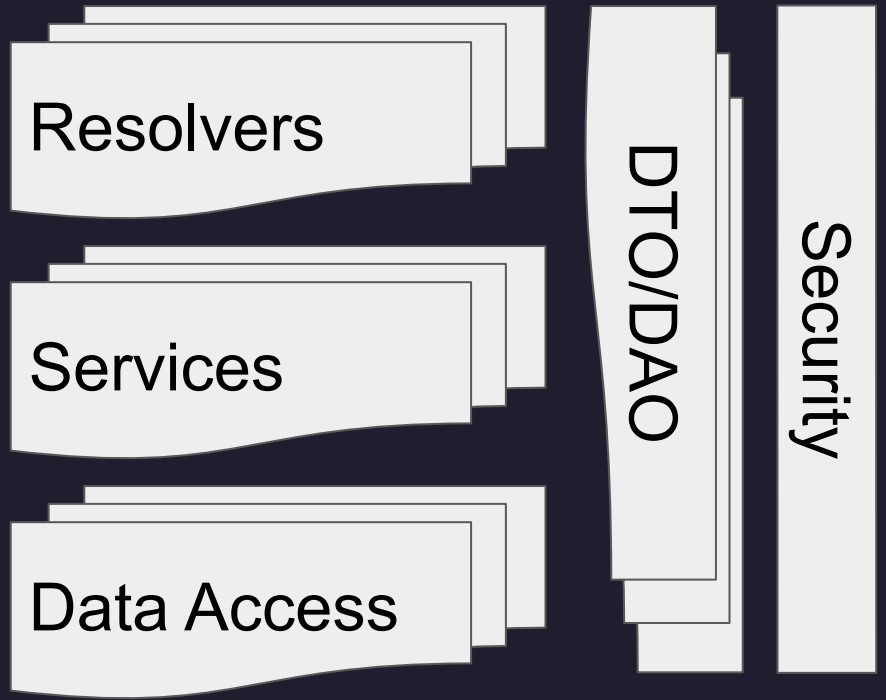
- Query Language for HTTP based APIs
- Describes the data offered by the API
- Empowers the clients to request what they need
- Multiple resources in a single request
- Evolution without versioning

GraphQL Instant Tool

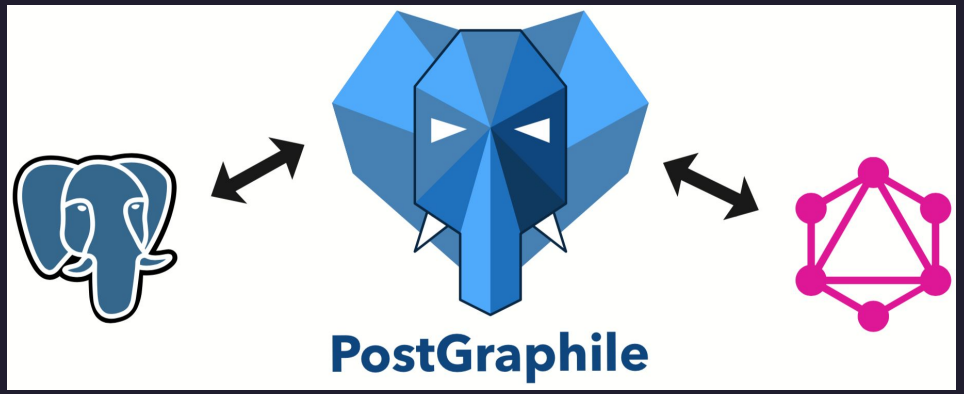
- Offer basic operations based on database resources
- Customizable business logic
- Security mechanisms
- Plug-Ins
- Database versioning tools

GraphQL Instant Tool





HASURA


PostGraphile

Dgraph

Comparison

Hasura

- Database Agnostic
- Learning Curve
- Mgmnt Dashboard
- GraphQL Proxy
- Restful Compatibility
- Environment Sync
- Streaming

Postgraphile

- Light (serverless)
- Security at rest
- Multi-Role
- Own JWTs
- Modular

Dgraph

- gRPC
- Apollo Federation
- Streaming

More Alternatives

- Headless CMS
  - Strapi
- Cloud Providers
  - AWS AppSync
- BackEnd As A Service
  - Back4App, Backendless,
  - Couchbase, MongoDB Stitch

Conclusions

- Time savers
- Easy to be customized
- Easy to try
- Easy to scale
- Easy to deploy
- GraphQL benefits

Questions