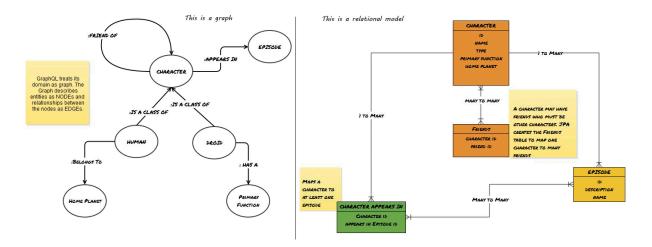
GraphQL vs Swagger (REST) Comparison

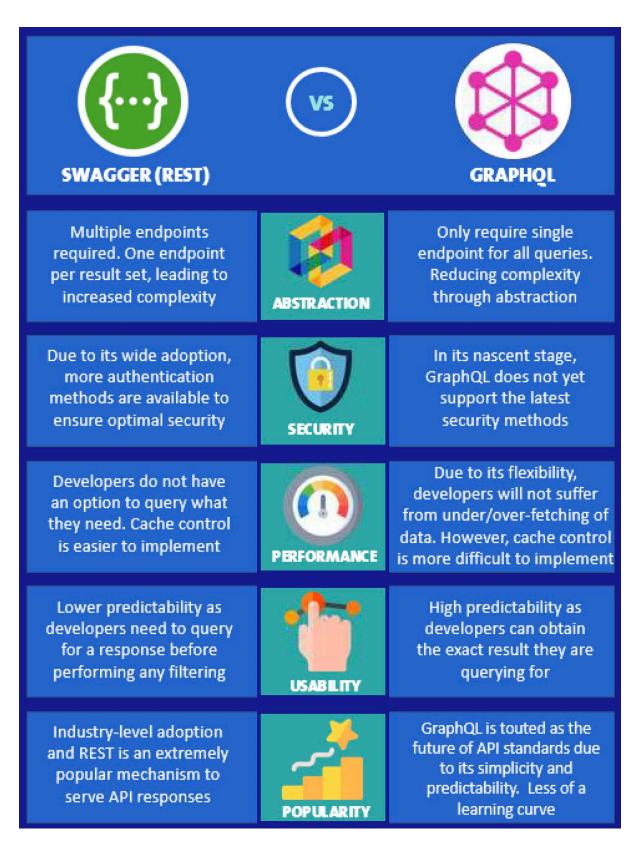
GraphQL: It is an open-source package for API which allows you to query your domain objects dynamically.

Overview: GraphQL is a query language for APIs, and a runtime for fulfilling those queries with your existing data. GraphQL provides a type system that you use to define your data, and use that the type system to allow clients to construct GraphQL queries.

GraphQL is not tied down to any specific database or storage engine, and especially GraphQL does not need to have data stored in graph database.

Example:





N.B: Apollo Client or urgl on how to cache GraphQL queries.

Why should I use GraphQL?

GraphQL has a few key features that stand out. For example, GraphQL enables you to:

- Aggregate data from multiple UI components.
- Create a representation of your data that feels familiar and natural (a graph).
- Ensure that all of your data is statically typed and these types inform what queries the schema supports.
- Reduce the need for breaking changes, but utilize a built-in mechanism for deprecations when you need to.
- Access to a powerful tooling ecosystem with GUIs, editor integrations, code generation, linting, analytics, and more.