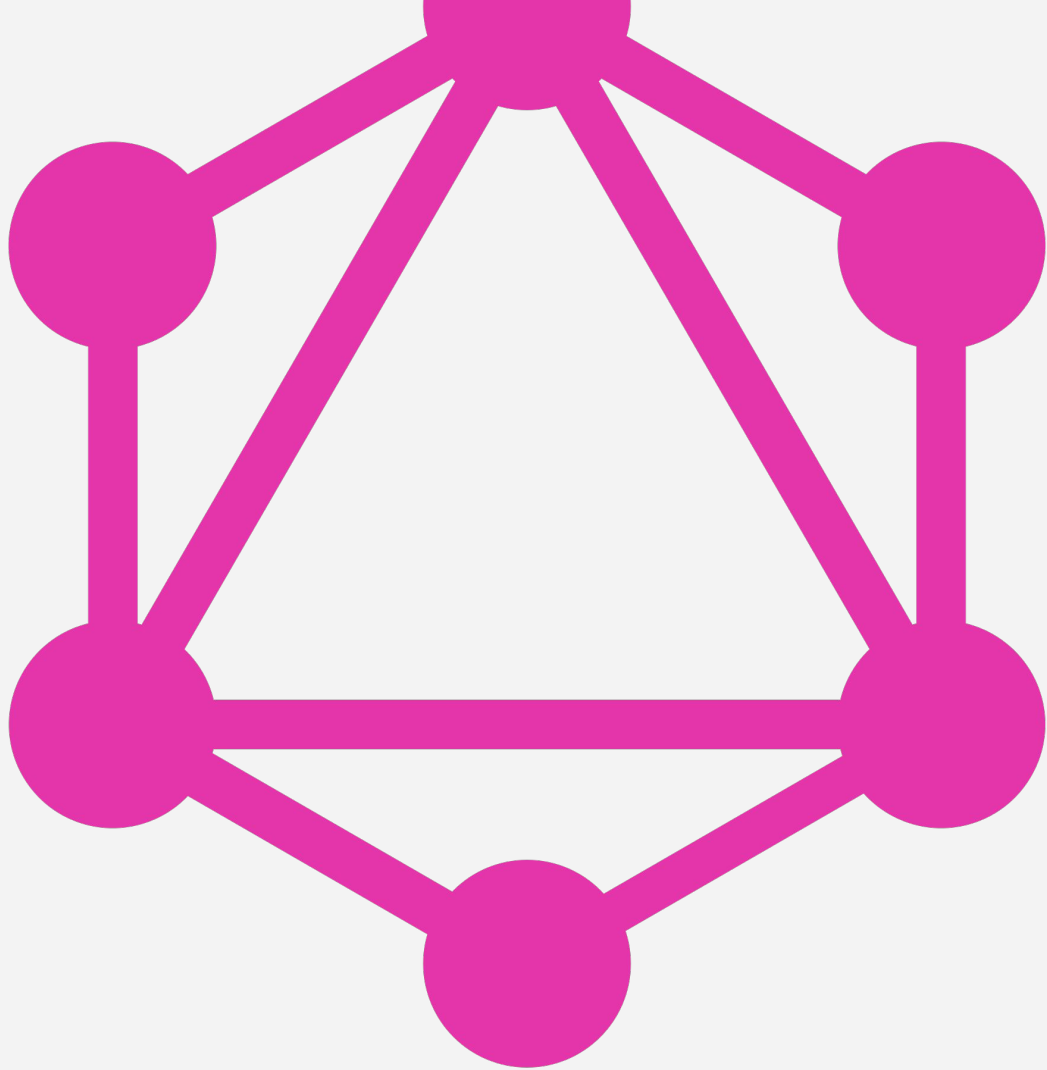


GraphQL

Intro





What is GraphQL?

- Data query language supports *declarative data fetching*
- Open-sourced by **Facebook** in 2015
- More efficient, powerful and flexible alternative to REST
- Available in all popular languages

Who is using it?



intuit®



MEDALLIA





Why GraphQL?

- More efficient data delivery
- Fewer resources calls
- Strongly-typed schemas - Scheme Definition Language (SDL)
- Enables more rapid product development
- Rich open-source ecosystem and community



GraphQL vs REST

- GraphQL eliminates over/under fetching
- Eliminates client dependency on server response formats
- Decreases network loading
- No need for versioning
- Improved monitoring



Cons

- Caching
- HATEOAS
- HTTP status / verbs
- Documentation

Resources

<http://graphql.org>

<http://howtographql.com>

<http://github.com/topics/graphql>

<https://github.com/chentsulin/awesome-graphql>

Release date: July 25th

