

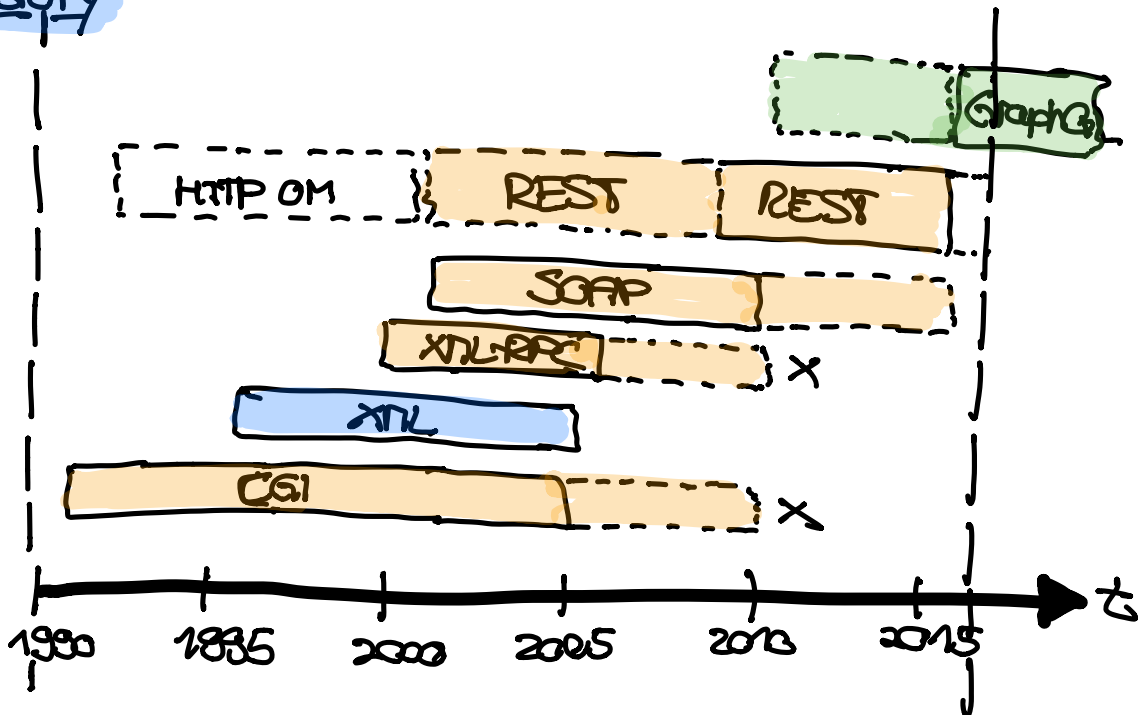
TechINSIGHT: GraphQL

(2016-10-28)

Agenda:

1. Motivation: Vole App (Bsp.)
2. Introduction
3. Tutorial: Hello World → Full Server
4. GraphQL Community & Ecosystem

History



REST vs. Business Information Systems (BIS):

- | | |
|---------------------------------|------------------------|
| • Client-Server ✓ | • Self-Documentation ✓ |
| • State-less ✗ | • HATEOAS ✗ |
| • Caching ✗ | • Code-on-Demand ✗ |
| • Addressability of Resources ✓ | • Layer-Architecture ✓ |
| • Distinct Representations ✗ | |

Zusätzlich zu bedenken:

- N entities x 4 crud operations
- + K aggregations/projections
- + L domain operations
- = $N \times 4 + K + L$ REST endpoints !? WTF ?!

Architektur GraphQL

