

GraphQL: explorando alternativas para consultas de apis

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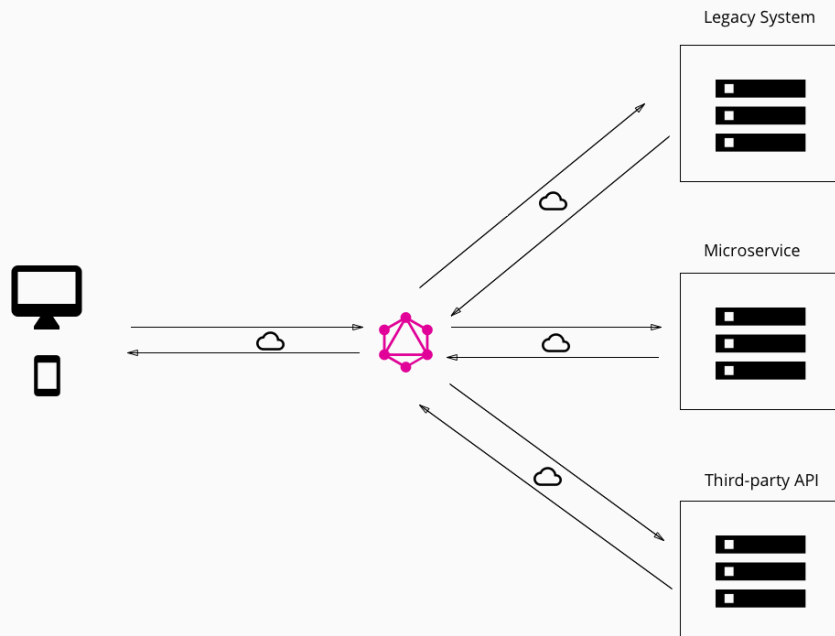


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GraphQL: What?!

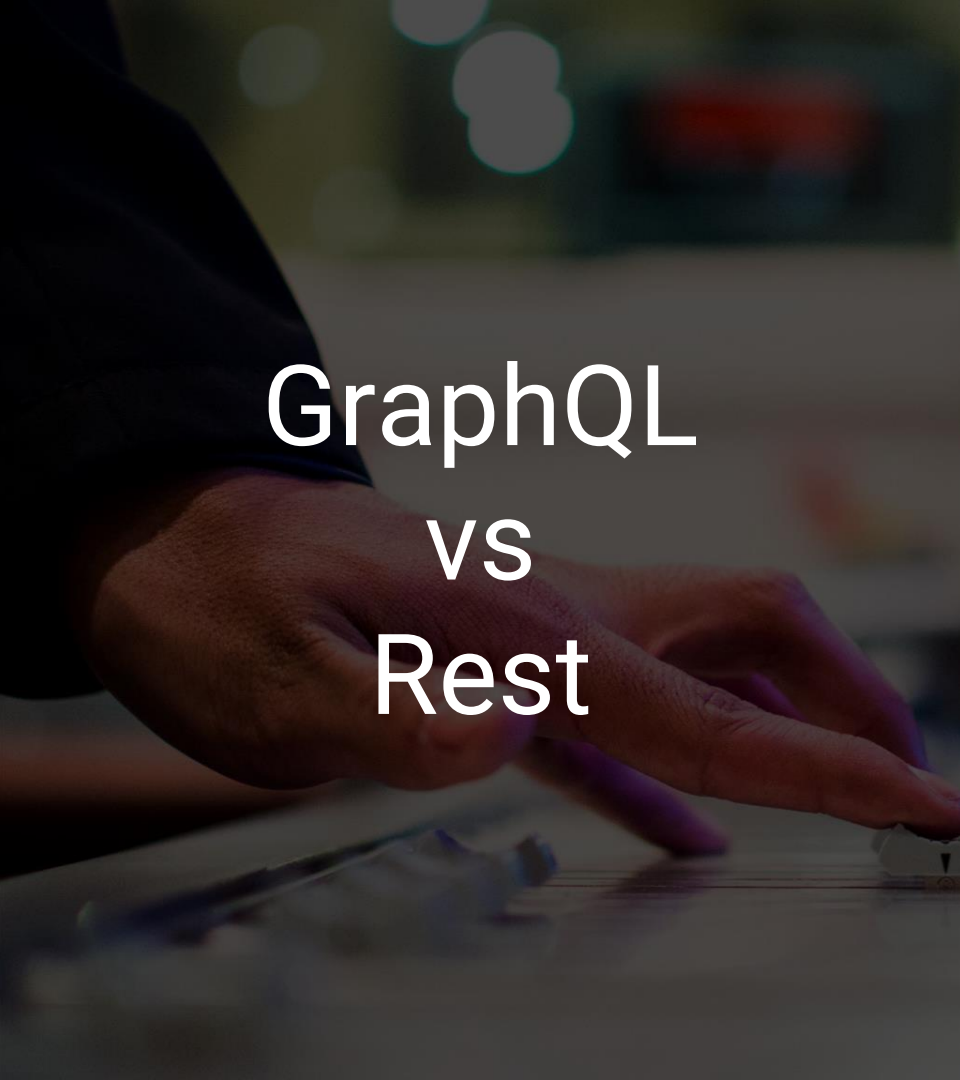
- Linguagem de consulta e manipulação
- Requisições http
- Descrição do sistema (Schema)
- Estrutura de requisição = estrutura do retorno
- Desenvolvida pelo Facebook



GraphQL: Exemplo

```
1 {  
2   user(id: "4"){  
3     firstname  
4     company{  
5       name  
6     }  
7   }  
8 }
```

```
{  
  "data": {  
    "user": {  
      "firstname": "Igor Lorca",  
      "company": {  
        "name": "google"  
      }  
    }  
  }  
}
```



GraphQL vs Rest

Para entender essa nova maneira de “conversar” com uma api, precisamos comparar com outro modelo muito usado, o Rest.

Existe uma alternativa melhor?

GraphQL vs Rest

Comparativos

REST

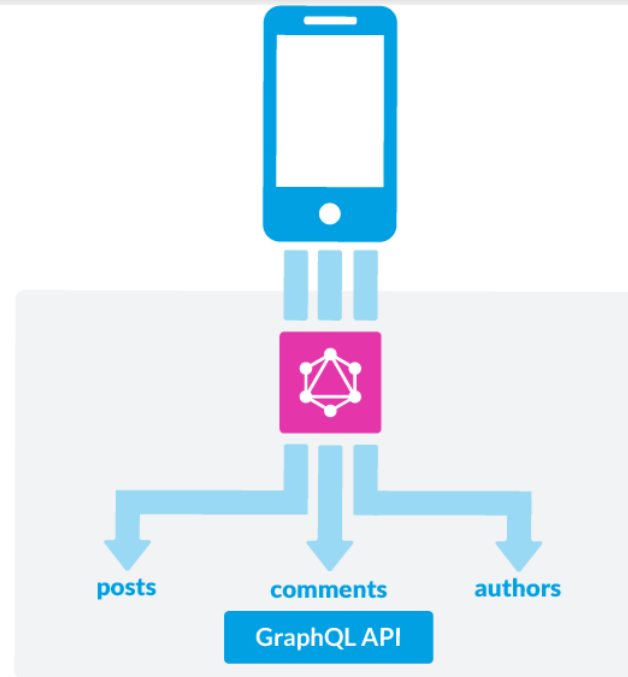
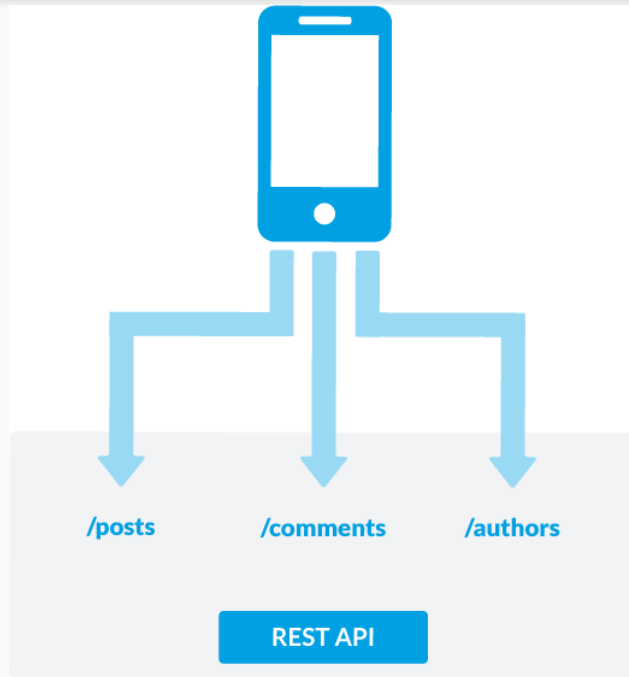
- Resources (URL, Endpoints)
- Requisições http
- Json
- Retorno construído pelo usuário

GraphQL

- Schemas
- Requisições http
- Json
- Estrutura da query = estrutura do retorno

GraphQL vs Rest

Comparativos



An aerial photograph of the New York City skyline at dusk. The sky is a mix of dark blue and orange, with scattered clouds. The city is densely packed with skyscrapers, many of which are illuminated with their lights. The Empire State Building is prominent in the center, with its top lit in red and green. The Hudson River is visible in the background, and the city lights reflect on the water. The title 'GraphQL: na prática' is overlaid in white text on the left side of the image.

GraphQL: na prática

GraphQL ou Rest?

A high-angle, dark photograph of three people sitting on a wooden deck. The text 'GraphQL ou Rest?' is overlaid in white on the left side. The people are sitting on a wooden deck made of horizontal planks. One person is wearing a light blue shirt and dark pants, another is wearing a patterned shirt and blue pants, and the third is wearing a striped shirt and blue pants. There are some bags and items on the deck near them.

Obrigado!

