

GraphQL

Cursusduur: 2 Dagen Cursuscode: GRAPHQL

Beschrijving:

GraphQL Course Overview

English - Please note this course is only available in English.

Nederlands - Let op: deze training is alleen in het Engels beschikbaar.

Français - Veuillez noter que ce cours est uniquement disponible en anglais.

GraphQL is a query language for APIs and a query runtime engine. It's an increasingly popular alternative to REST given it enables the client to specify the s

Doelgroep:

Who will the Course Benefit?

This course will benefit developers who are required to build or maintain GraphQL services and/or clients, and anyone otherwise interested in what a GraphQL service is, how it works, and how to build a good one.

Doelstelling:

- Course Objectives
 - This course aims to provide the delegate with the skills and knowledge necessary to design and build good quality GraphQL services.
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Vereiste kennis en vaardigheden:

- Delegates attending this course should have some knowledge of, or experience in, software development. Ideally delegates will be comfortable coding in Java, Python, or JavaScript to a fundamental level. This knowledge can be gained by attendance on one of the following courses.
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Vervolg cursussen:

Further Learning

- Core Spring
 - Python Programming 2
 - Developing Node.js Web Applications
 - REST APIs
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Cursusinhoud:

GraphQL Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: PREREQUISITES

- APIs
- Web apps
- Web services
- HTTP
- JSON
- Serialisation
- REST APIs

Session 2: GRAPHQL THEORY

- The problem with REST APIs
- What is GraphQL?
- The composition of a GraphQL service
- Queries and mutations
- Schemas and types

Session 3: GRAPHQL SERVICES

- Building a GraphQL service with:
 - Spring Boot (Java) or;
 - Ariadne (Python) or;
 - Apollo (JavaScript)

Session 4: GRAPHQL CLIENTS

- Building a GraphQL client with:
 - HttpClient (Java) or;
 - GQL (Python) or;
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Session 5: QUERIES

- Arguments
- Aliases
- Fragments
- Operation names
- Variables
- Directives

Session 6: TYPES

- Arguments
- Lists
- Non-null fields
- The query and mutation types
- Scalar types
- Enum types
- Union types
- Input types
- Interfaces

Session 7: MORE GRAPHQL THEORY

- Validation
- Execution
- Introspection
- Best practices

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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