GEFEG
Passion for Standards

Training Course

Web APIs based on OpenAPI 3.x

SERVICES
Professional eBusiness Services

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Introduction to Web APIs based on OpenAPI 3.x
WebAPIs are on everyone's lips. Whether automotive industry, trade, customs, FinTecs or insurance companies. Everywhere companies are increasingly relying on APIs. International standardisation organisations such as UN/CEFACT are also dealing with this topic.
The OpenAPI 3.x specification standard seems to be gaining acceptance here. It unites the claim to make an API readable for a computer as well as for the web developer, who then has to implement it.
So is this the next generation of data exchange? Will it be able to solve all syntax problems and will it completely replace the classic EDI?
The online training introduces the topic of APIs and the benefits in the B2B and B2G environment. It also highlights the differences between web services and web APIs. Different approaches to message- and resource-based data exchange make it possible to cover future use cases, which were not known when the API was created, if the design is appropriate.

Content

- API – Terms and Basics
- API – Classification and Distinction from Classic EDI (Web Services, SOA, REST, Open API versus Public API)
- REST Service Contracts and Design Principles
- Event-driven data exchange
- The Open API 3.x specification standard
- API Management and Governance
- API development tips

Target audiences

The training is aimed at all those who want to get to know the concept of WebAPIs and their applicability for B2B and B2G data exchange. This includes both beginners to the topic as well as EDI experts who are dealing with WebAPIs for the first time.

Prerequisites

The training does not require any programming knowledge. However, a basic understanding of data exchange between applications, for example based on EDIFACT, XML or similar formats, is helpful.

Duration / Training times

Online training, 2 x 3 hours

Note

On request, we can also provide on-site training at your company. We also organise workshops tailored to your company with the aim of conveying the topics in an application-oriented manner.

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