

Training Course

Developing Data Models with GEFEG.FX

SERVICES
Professional eBusiness Services



Developing Data Models with GEFEG.FX

Planning and applying data models for data exchange with GEFEG.FX

There are different ways not only to Rome. There are also different approaches to planning, implementing and managing data exchange formats. In particular by the growing number of eBusiness standards - not least by XML formats - and the business process modelling the approach becomes more common to map the data of a business document or a process step first in a model and to connect on this basis the concrete planning of the data exchange formats. The advantage of this approach lies in higher data quality, ensures consistency and interoperability and thus leads to time and cost savings in the usage cycle of eBusiness standards.

During the training you will learn how to implement this approach with the Design-time Software GEFEG.FX. You will learn how to map data in a model in the first step, how to map the model to the eBusiness standards or data exchange formats used in the next step and how to generate human-readable documentation from them. The course also includes an introduction to GEFEG's collaboration solutions, which enables the development of interoperable and compliant customizations of the same standard with a minimum of effort.

Content

- Create and apply data model for data exchange with GEFEG.FX
- Specify data model
 - Contextual Restrictions and Enhancements
 - Incorporation of customer-specific requirements
 - Management of customer-specific or localized code lists
- XML Schema Export from a Data Model
- Create and edit data model guideline
- Support through collaboration solutions and repositories
- Create human-readable documentation with templates
- Methods for generating test data
- Introduction to XML Schema with GEFEG.FX
 - Specifying XML Schema
 - Validate XML payloads against a custom profile schema or base schema
 - profile scheme
 - Creating an XML Schema (guideline) from a data model (guideline)

- Introduction to classical EDI with GEFEG.FX
 - Specification of message types in EDI guidelines
 - Testing classic EDI messages against a specification
- Mapping between Data Model, XML Schema and EDI Guideline

Course objectives

Participants will know how to use GEFEG.FX to design their data models, why and how to use data model guidelines, how collaboration solutions and repositories complement the planning and maintenance tasks, how to use the mapping functions of GEFEG.FX, how to generate the documentation of the data models. The participants also learned how to use the data models in conjunction with EDI guidelines and XML Schemas.

Target audiences

Users who plan the data exchange on the basis of data models and want to use the advantages of GEFEG.FX for specification, test and documentation of the data models.

Prerequisites

General knowledge of data structures.

Duration / Timetable for training

2 days / 1. day: 9:00 - 17:00 / 2. day: 9:00 - 16:00

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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