

Training Course

Data Modeling in the Automotive Industry

SERVICES
Professional eBusiness Services



Data Modeling and Message Development in the Automotive Industry

The Joint Automotive Data Model of Odette, AIAG and JAMA/JAPIA and its use for the development of MIGs

This workshop supports users from the automotive industry who want to develop and implement electronic business documents for use in the automotive industry on the basis of the Odette recommendations.

Since, as a rule, the most diverse syntaxes have to be integrated into this process (e.g. SAP-IDOCs as internal format, EDIFACT and XML as exchange formats with external partners), the description of the data structures of business documents in syntax-neutral data models has proven to be the basis for a consistent and efficient implementation.

In the first part of the training, basic concepts of modeling with UML are explained and a simple data model for a business document is created in the context of practical exercises.

In the second part, the creation and documentation of message implementation guidelines on the basis of data models is described and practiced.

In the third part the 'Joint Automotive Data Model' and the globally harmonized EDIFACT and XML messages published by Odette are presented. Within the scope of practical exercises, the generation of company-specific 'profiles' is explained. These 'profiles' enable the adaptation of the Odette recommendations to the needs of the own company while maintaining compatibility and interoperability with the original recommendations.

All exercises are performed with the software package GEFEG.FX, which is used by Odette and AIAG for data modeling and EDI message development.

The course provides an overview of the changes, some of which are far-reaching. For example, data structures can be planned syntax neutrally in a UML data model and mapped to XML or EDI standards with syntax. The new Mapping Planner is available for this purpose. Other enhancements concern the Notes editor, in which comments are structured and clearly presented in guides. With the virtual display of codenames in the Guide, the last step towards redundancy-free storage of information in the Guide has been taken. The transfer of objects such as EDI guides to other GEFEG.FX users and their registration in the recipient's manager has been drastically simplified. Assistants, which support the handling of the product in many places, round off the range of innovations.

Through a varied transfer of theoretical knowledge and practical knowledge, you will be able to use the existing specifications professionally using GEFEG.FX and to develop and document data models for the company's own needs.

Target audiences

IT and EDI professionals from the automotive industry who want to develop and implement electronic business documents for use in the automotive industry on the basis of Odette recommendations.

Prerequisites

Basic knowledge of EDI

Duration / Timetable for training

3 days / 1. day: 9:00 - 17:00 / 2. day: 9:00 - 16:00 / 3. 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.

GEFEG mbH

Storkower Strasse 207
10369 Berlin
Germany

Phone number: +49 - 30 - 979914-0

Fax number: +49 - 30 - 979914-22

General inquiries: info@gefeg.com

Technical inquiries: support@gefeg.com