



Information Modeling Training

Course Description

Firmly established as a world leader in business process and enterprise architecture modeling, MEGA continues to innovate data modeling methods and tools. The MEGA platform benefits from years of experience and hundreds of projects successfully accomplished by MEGA consultants with major French and international companies. MEGA enables data modeling consistent with business process and application architecture representation.

This training course provides the answers to the following questions:

- What is data modeling?
- What are the business functions and IS problems addressed?
- What are the prerequisites for data modeling?
- What is the data modeling object query and identification method?

Expected benefits

- Master data modeling concepts.
- Understand the method for analyzing data as well as the analysis of business processes and information systems by formalizing business vocabulary and establishing data dictionaries.

Course Content

Data modeling objectives and examples

- What is data modeling?
- What are the business functions and IS problems addressed?
- What are the prerequisites for data modeling?
- Examples

Presentation of concepts and demonstration

- Data model
- Entity
- Attribute
- Identifier
- Association and role
- Multiplicity and participation

Reference

DATA

Length

1 day

Public

- Business Process and IT Architecture Modelers
- Enterprise Modeling Project Managers
- IS Functional Architects

Prerequisites

MEGA Process, MEGA Architecture or MEGA System Blueprint



- Constraints
- Aggregation and composition
- Demonstration

Data modeling object query and identification method

- Prior description
- Approach
- Approach steps
- Examples

Concept detailing

- Datatypes
- Reuse
- Exercises

Modeling rules

- Reflexive association
- Attributes
- Generalizations
- Other notations

Seminar organization

This course alternates between the presentation of data modeling theory and practical exercises to enable a better understanding of the method and tool. The trainer for this course is an experienced consultant and will be able to answer participants' questions on data modeling methodology and the use of MEGA.