

UML with Enterprise Architect (EA), ISO Training for Process Owners

Duration: 2 days

Target Group

Anyone who works with process models and their implementation (such as process owners, quality managers, project leaders, etc.) and must fulfill the process-related parameters of various process models like ISO 9000, SPICE, CMMI or SIL.

Requirements

Basic understanding of CASE Tools and their operation, as well as knowledge of the process models.

Contents

- Get to know the most important UML diagram types
- Implementation of analysis with the help of UML in EA using an example project
- Development of a class model from the diagrams created from analysis – domain modelling, OOP modelling
- Forward and reverse engineering (e.g. automated creation of source code in Delphi or C#, as well as extraction of UML diagrams from source code)
- Metrics for quality assurance (overview)
- Relationship matrix
- Diverse process models and development methods
- Preparation of communication on process conformity
- Creation of a data model in EA
- Testing
- Administration of project tasks
- Issue tracking
- Automatic creation of project documentation (HTML, RTF)
- Teamwork in EA
- Use of user-defined patterns
- UML profile
- Data migration from other UML tools (e.g. Together, Rational, etc.)
- Illustration of all topics using practical examples
- Referral to the criteria to be fulfilled in conjunction with process-related parameters.
- Link to the process environments
- Integration of development in the process model (continual improvements and milestones)