

## UML with Enterprise Architect (EA) - basic course for project managers

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Duration: 2 days

### Target Audience

For projects managers and for developers with project management tasks. Discover the advantages of UML and the Enterprise Architect (EA), covering the entire project life cycle (analysis, design, implementation, testing, maintenance and project management for all of these)

### Prerequisites

Fundamental project process knowledge and a basic understanding of CASE tools are helpful, but not necessary.

### Contents

- Introduction to UML
- Introduction to UML support for analysis tasks
- Dealing with requirements
- Estimating efforts, assigning resources
- Representation of the system architecture
- Traceability und dependency management by using the hierarchy view and the relationship matrix
- Gaining knowledge of the most important UML diagrams
- Metrics for quality assurance (overview)
- Testing
- Project task handling
- Issue tracking functionality
- Automatic generation of project documentation (HTML, RTF)
- Team collaboration in EA, versioning
- UML profiles, UML patterns
- Data migration from other UML tools (eg. Together, Rational, etc.)
- Illustration of all topic areas based on practical examples and best practice sharing