



Introduction to UML® 2.X Course Outline

Objectives

- Learn & understand UML® notations and usage of various UML® diagrams

Audience

- Professionals interested in using UML® for Requirements Analysis or Design

Prerequisites

- Knowledge of OO concepts

Course Description

The OMG's Unified Modeling Language™ (UML®) helps you specify, visualize, and document models of software systems - including their structure and design. This one-day course provides a quick overview of UML® which includes basic concepts, various UML® diagrams and their applications. By the end of this course you will be familiar with various UML® elements and how to use them in your analysis or design.

Duration

2 Days

Agenda

- What is UML®?
- Benefits of UML® modeling
- History, Evolution, and Competing Modeling Techniques
- Overview of UML® Concepts
 - Notations, and Meta-models
- Structural Diagrams
 - Class diagrams, Package diagrams, component diagrams, deployment diagrams, Object diagrams, and Structure diagrams
- Interaction Diagrams
 - Sequence diagrams, Interaction diagrams, Timing Diagrams, and Communication diagrams
- Behavioral Diagrams
 - Activity diagrams, State machine diagrams, and Use Case diagrams