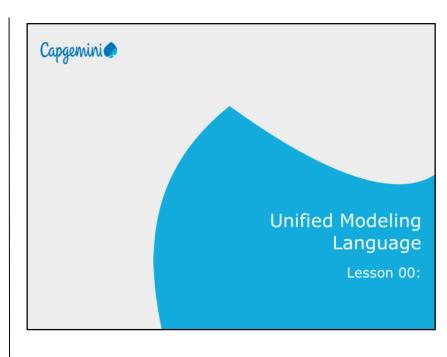
Unified Modeling Language



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Document History



Date	Cours e Versio n No.	Software Version No.	Developer / SME	Reviewer(s)	Approve r	Change Record Remarks
06-Oct- 2008	0.1D	NA	Vaishali Kunchur			Content Creation
09-Dec- 2008		NA	CLS team			Review
Jan- 2009	1.0	NA	Nilendra Nagwekar			Review
08-May- 2009	1.2	NA	Veena Deshpande			Updates based on Repository Review Comments
05-May- 2011	1.3	NA	Veena Deshpande			Updates as part of Integration Exercise
Apr - 2016	1.4	NA	Kavita Arora	Anjulata	Mahima Sharma	Refinement as per integrated ToC

Course Goals and Non Goals

- Course Goals
 - At the end of this program, participants gain an understanding of the need of UML and different diagrams in UML.
- Course Non Goals
 - $\boldsymbol{\cdot}$ Detailed design and integration is not the part of this course.



Pre-requisites Fair Knowledge of OOP

Intended Audience

- Programmers and Designers in Object-Oriented
- Technology



Day Wise Schedule

- > Day 1
 - · Lesson 1: Introducing UML
 - · Lesson 2: Dynamic View Diagrams)
 - · Lesson 3: Static View Diagrams
 - · Lesson 4: General and Extension Mechanisms in UML

Table of Contents

- Lesson 1: Introducing UML
 - 1.1. Principles of Modeling
 - 1.2. What is UML? What UML is NOT?
 - 1.3. UML Building Blocks
 - 1.4. UML Diagrams
- Lesson 2: Dynamic View Diagrams
 - 2.1. Use Case Diagrams
 - 2.2. Activity Diagrams
 - 2.3. Sequence Diagrams
 - 2.4. State Chart Diagrams

Table of Contents



- Lesson 3: Static View Diagrams
 - 3.1. Class Diagrams
 - 3.2. Object Diagrams
- Lesson 4: General and Extension Mechanisms
 - 4.1. UML General Mechanisms
 - 4.2. UML Extension Mechanisms

References

- > Student material:
 - Class Book (presentation slides with notes)
- Book:
 - UML User's Guide; by Grady Booch, Ivar Jacobson, and James Rambaugh



- Web-site:
 - http://www.uml.org/

Next Step Courses > Object Oriented Analysis and Design with UML

Other Parallel Technology Areas



 \succ NA (Notations exist but not as an industry wide standard on par with UML)