

Unified Modeling Language

Lesson 00:

IGATE is now a part of Capgemini

People matter, results count.



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Document History

Date	Course Version No.	Software Version No.	Developer / SME	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

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

- 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(contd on Day 2 also)
- Day 2
 - 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

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- 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 Rumbaugh
- Web-site:
 - <http://www.uml.org/>



Next Step Courses

- Object Oriented Analysis and Design with UML

Other Parallel Technology Areas

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