

B345 Internet Science and Technology

Week 7 lecture 1

Today's Lecture Learning Objective

- Understand the basis of the Rational Unified Process.
- Learn how Rational Unified Process fits as an agile methodology.

The Importance of RUP

- Well established in the OO development circles.
- Visual modeling.
- UML.
- An associated set of software and templates.

Structure of the Process

- Workers
- Activities
- Artifacts
- Workflows

Workflows

<< See "example of workflow" figure in paper >>

Workflows

- Business modeling
 - Requirements
 - Analysis and Design
 - Implementation
 - Test
 - Deployment
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- Project Management
 - Configuration and Change Management
 - Environment

Phases

- Inception
- Elaboration
- Construction
- Transition
- Iterations

RUP

<< See "Iterative Model graph" figure in paper >>

An Agile RUP

- Light-weight or heavy-weight?
- Properties:
 - Configurable.
 - Promotes iterations.
 - Time structured on phases and not process workflows.
 - Change Management workflow.
 - Component-based architectures.