

# Interactive introduction to RUP™

The Rational Unified Process™ (RUP™) is a development process for software development. RUP™ is a modern process that supports object orientation, and iterative and component-based development. It has evolved over a number of years and is constantly being improved by a development team at Rational Software Corporation.

In recent years, many major companies, both in Sweden and internationally, have opted to use RUP™ as a development process instead of doing complicated and expensive work, developing and maintaining their own process themselves.

*“We have scanned the market and opted for Open Training’s interactive courses. The educational methods, format and the whole learning concept suit our needs perfectly. I believe in the concept of interactive courses since I used to work with the development of e-Learning.”*

*Britt Thellberg, System Development Manager at Postgirot Bank*

## A must for everyone who works with professional software development!

Interactive Introduction to RUP™ explains the central concepts and the process structure in the Rational Unified Process™, as well as giving examples of how the process is actually used. You will learn about the advantages of an iterative, use case and risk-driven process. With Interactive Introduction to RUP™, you will be creating a fantastic opportunity to introduce the system into your own organization.

The course has been developed by Hans-Erik Eriksson and Magnus Penker, the authors of the best-selling books “Business Modeling with UML” and “UML Toolkit”. The factual and conceptual contents of the Interactive Introduction have been examined by Stefan Bergström at Rational Nordic.

Interactive Introduction to RUP™ has been used by thousands of satisfied customers world-wide. The course is based on the educational methods of Kolb, which means that it includes both theoretical and practical exercises and stimulates reflection.

Table of contents

### System development

- Requirements
- Analysis & Design
- Implementation
- Test
- Deployment
- Tracability
- Reviews

### Project management

- Planning an iterative project
- Phase plans
- Iteration plans
- Risk management
- Artifacts in the workflow

### Configuration management

- The CCM cube
- Product structure
- Change management
- Artifacts in the workflow

### Business modeling

- Use cases
- Different types of business models
- Artifacts in the workflow

### Process structure

- Workflows
- Process elements in the workflow
- The time dimension
- Phases and major milestones
- Iterative development
- The meta model for RUP™

### Implementing RUP™

- Configuring RUP™
- Development Case
- Pilot projects
- Selection of tools
- Artifacts in the workflow
- Going further with RUP™

### Case study

- Development Case
- Roles
- Project start and project plan
- Risk list
- The prototype
- Major milestones
- Updating the project plan, risk list and requirements
- Software Architecture Document (SAD)
- Integration and build plan

# 11 sections to be taken in any order

## Test and syllabus

We will provide you with a syllabus after testing your knowledge. It may be of some assistance when you decide the order in which to do the sections.

## Introduction

RUP™ has evolved over the years and is being developed constantly. The development of RUP™ is described as well as the best practices that the entire process is based on.

## Process structure

In this section, you will learn about the process elements in RUP™ and how they relate to each other, giving you a greater understanding of RUP™. This is essential in order to be able to use RUP™ in your organization successfully.

## Project management

The project manager role becomes a challenge in such a pronounced iterative process like RUP™. This section explains how to plan and manage a project. Risk management that is central to RUP™ is also discussed.

## Business modeling

How ever great a system is, there is an enormous risk that it will not deliver any benefits to customers whatsoever if it is not adapted to the needs of the business. This section describes the RUP™ view of business modeling and how to link the business model to the accompanying system development.

## System development

In this section, the entire development chain is described, i.e. requirements, analysis, design, testing and implementation. There is a systematic run-through of the workflows and artifacts that are used and created. There are also many examples of artifacts that further enhance the learning effect.

## Configuration management

This is a run-through of how RUP™ deals with configuration management and change management, two vital components when projects become a little bigger and/or when you have many customer-adapted variations.

## Implementing RUP™

RUP™ must be configured and implemented according to the needs of your specific organization in order to create the prerequisites for a successful system development project. Strategies and risks during the configuration and implementation of RUP™ are described.

## Case study

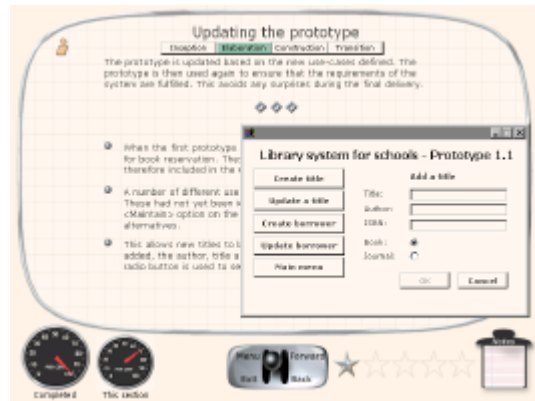
You are the project manager of your own RUP™ project. Your task is to manage your project from the first contact with the customer to the finalization of the system. Go for it!

## The exam

When you have passed the exam, you will receive a personal diploma and a grade. Naturally, the stars that you have collected will be included.

## Rupster

Just like in real life, the aim of the game is to get to the finishing line as quickly as possible. An enjoyable and stimulating way of testing how good you are at RUP™ when your pulse increases and there is a smell of burning rubber...



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