

Interactive introduction to Rational Rose™

Since the mid-nineties, Rational Software Corporation has evolved into one of the biggest and broadest suppliers of development tools for the software industry. Today, they supply an entire suite of tools. The concept has been further enhanced by linking the tools to the development process of the company, the Rational Unified Process™.

Rational Rose™ is one of the first tools in the tool suite and definitely one of the most used tools for the creation of large UML models in the market.

“This learning method is flexible. The consultants complete the courses at their leisure, for example when they have time to spare between assignments. It’s also a way of reaching consultants in different parts of the country, without having to spend time traveling.”

Lars Hanell, Quality Assurance Manager at WM Data

What Miss. Rose cannot teach you about Rational Rose™, you can probably do without.

Interactive introduction to Rational Rose™ is a course that describes the functions in Rational Rose™ as well as various ways of working in the tool. The course is geared towards Web developers, project managers and database modelers as well as system analysts and system developers.

You will learn both the basics of the tool as well as advanced functions and approaches. Theory is combined with practice, creating a varied and stimulating learning environment. You will be working in a simulated environment where you are given the opportunity to familiarize yourself with the tool Rational Rose™ in a very effective way.

Interactive Introduction to Rational Rose™ includes two case studies that provide you with a comprehensive view of how the different diagrams fit together. The first guides you through various working stages and the second includes practical exercises that you complete in Rational Rose™ (the tool is not included in the course). The aim is to describe the use of the modeling tool Rational Rose™ and also to enable you to understand how the tool is used together with RUP™ and UML.



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11 sections to be taken in any order

Test and syllabus

We will provide you with a personal syllabus after testing your knowledge. You are not obliged to stick to the syllabus, however, it may help you decide the order in which to take the sections. If you already know how the tool works and want a refresher course, this section is invaluable since it will help you to identify and fill in any gaps in your knowledge.

The exam

When you have passed the test, you will receive a personal diploma and a grade. The grade will also include the roses you collected as you completed the course.

Introduction to Rose™

This section consists of an introduction, a brief background, explanations to some basic concepts and navigational directions.

Revising UML

This section gives you summary information on UML to enable you to revise the fundamentals of this modeling language.

Basics about the interface

How does Rational Rose™ relate to RUP™ and UML? In this section you will find out about the connection between the modeling language, process and tool. You will be guided through the structure of the tool bar, different menus and diagram windows with the help of Miss Rose, who is always at your disposal.

Diagram types

In this section, we will go through the different diagrams in the tool:

- Use Case Diagrams
- Class Diagrams
- Sequence Diagrams
- Collaboration Diagrams
- State Diagrams
- Activity Diagrams
- Component Diagrams
- Deployment Diagrams

Case study 1 – Structural thinking

This section consists of a case study where you will be guided through a predefined development project. You will be constructing a new system and you will learn how things work in practice.

Case study 2 – Application

This section consists of a case study where you will, for example, be producing different diagrams yourself based on the description of a ticket booking system. The exercise is carried out in the actual tool Rational Rose™ itself.

Code generation

This section gives you a description of code generation, mapping and different settings. Reverse Engineering is also explained in this section.

Advanced functions

In this section, you will learn more advanced functions in the tool, for example how you can create your own icons for stereotypes as well as how to integrate and compare models.

Game – Roses and Gardens

The object of the game is to carry out the tasks that Miss Rose gives you, before you run out of time and the roses grow too high...



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