Tool Training

IBM Rational Rhapsody C++ Essential incl. UML
Model Driven Development for Embedded Systems

Administration

- Duration: 4 days
- Time: 9 am to 5 pm
- Englich or German depending on Participants

Dates / Location

Please refer to www.evocean.com/events

Target Audience

This course is applicable to persons which are involved in the Specification, Analysis and/or Development of software intensiv embedded systems.

- Software Engineers
- Software Architects
- Project / Tecnical Leaders
- System Designers, - Engineers

Prerequisites

- Project experience in C++
- Basic Know-How of UML/OO is an advantage but not mandatory
- Notebook mit Windows 7, 8 or 10 and 3 GB free hard disc space.

Conditions

Costs incl. Handouts.

Registration

Either on-line or completed backside of this flyer per e-mail or fax.

Content

Within four days, participants get to know the DNA and the extensive core functions of Rhapsody® . They will be able to develop applications quickly and effectively with UML 2. The course builds-up on exercises in which executable applications are developed. This will give the participants a strong foundation in UML 2 as well as Rhapsody® and will teach them about the possibilities of this tool with regard to automatic software development and generation of artifacts. Following is an overview of the contents of the four days.

Agenda

- UML Overview / Basics incl. UML 2

IBM Rational Rapsody®: concepts, functionality and use
- Installing Rhapsody®
- Exercise 1: Baseline concepts
- Exercise 2: Behavioral Code Generation
- Tool Porperties of Rhapsody®
- Exercise 3: Complex Reactive Behavior
- Exercise 4: Structural relationship in the code
- Process-driven case study - a fully applicable development of an interactive model including debugging

Advanced Rhapsody® Concepts
- Introduction to the Rhapsody® framework
- Triggered Operations
- More about Containers
- Generation of reports
- Managing interrupts
- Introduction of API (VBA, JAVA)
- Introduction to Configuration Management
- Introduction to Test Conductor
- Introduction to panels
- Helpful tips
- Avoiding general stumbling blocks

Your Benefit

Fast and intensive introduction of your development engineers or teams to Rhapsody® and the effective and efficient use of the tool. Through hands-on exercises you will learn how to generate code from structure and behavior as well as debugging at the design level. You will bring your UML knowledge up to date and apply the concepts with Rhapsody®. The Trainer are very experienced and will help you as needed.

Registration

	Description	Date	Location	Costs excl. VAT per participant
☐	Tool Training: Rhapsody® 8.4 in C++ Essential inkl. UML 2			CHF 2'950.00 EUR 2'450.00
		Refer to www.evocean.com		
☐	We will need a Notebook each	This request needs to be with us latest two week prior to training		CHF 180.00 EUR 150.00

We will participate

	Name, First Name	Email	Funktion	Telefon
☐				
☐				
☐				

I can't participate. Please send me the following information:

☐ Systems Engineering		☐ Real-Time Embedded Systems		☐ MBSE	
☐ Model Driven Development		☐ Development Processes		☐ MDA / SysML®/ UML®	
☐ Requirements Management		☐ Product Line Engineering		☐ Testing Solutions	
☐ Workshops, Trainings		☐ Consulting Services		☐ Tools	
☐ Company Profile		☐ Please contact me			

Company _____   **Phone** _____

Division _____   **Fax** _____

Street / No. _____   **Email** _____

ZIP-Code / Place _____   **www** _____

Place / Date _____   **Signature** _____

Send to: EVOCEAN GmbH,   Fax +41 41 790 78 93   info@evocean.ch (Switzerland)
Seminars   info@evocean.at (Austria)
info@evocean.de (Germany)

Conditions for cancelling: If you cancel your registrations following charges are invoiced (cancellation date prior to start of course): until 10 days 50%, until 5 days 80%.

Trainings take place with a minimal of 4 attendees. Cancellation latest one week prior to start of course.

We offer all seminars, trainings and workshops also on-site and on a customized base. Please ask us for an offer.