

## Tool Training

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

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### Administration

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

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### Dates / Location

Please refer to [www.evocean.com](http://www.evocean.com)

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### Target Audience

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

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

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### 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.

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### Conditions

Costs incl. Handouts.

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### Registration

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

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### 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.

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### Agenda

- UML Overview / Basics incl. UML 2

#### IBM Rational Rhapsody®: concepts, functionality and use

- Installing Rhapsody®
- Exercise 1: Baseline concepts
- Exercise 2: Behavioral Code Generation
- Tool Properties 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

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### 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
<input type="checkbox"/>	Tool Training: Rhapsody® 8.3 in C++ Essential inkl. UML 2			CHF 2'950.00 EUR 2'350.00
		Refer to <a href="http://www.evocean.com">www.evocean.com</a>		
<input type="checkbox"/>	We will need a Notebook each	This request need 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
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

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

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

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**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.

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