

Tool Training

Willert Embedded UML based on IBM Rhapsody Model Driven Development for Embedded Systems

Administration

- Duration: 3 days
- Time: 9 AM until 5 PM
- Location: refer to www.evocean.com
- Training in German or English

Dates / Location

Please refer to www.evocean.com/events

Target Audience

This course is suitable for people who are involved in the specification, analysis and/or development of software-intensive real-time embedded systems.

- Technical managers
- Projekt Leads, Software Architects
- System Designers, - Engineers
- Software Engineers

Prerequisites

- Projekt experience C or C++
- Basic know-how of UML/ OO is an advantage but not mandatory
- Notebook with Windows 7, 8 or 10 and 3 GB free memory

Conditions

Costs incl. Handouts and Evaluation Target.

Registration

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

Contents

Comprehensive training for all those who want to learn to use the Willert Embedded UML Studio based on IBM Rhapsody effectively.

Within three days, participants are put in a position to develop applications efficiently with the Willert Embedded UML Studio.

The focus is on the development of applications in the embedded area with C or C++. The course is based on exercises in which executable applications are developed for an embedded target.

The training package includes an embedded target as well as an USB stick with documentation.

Agenda

UML Introduction

- Setting up the Embedded UML Studio based on Rhapsody.
- Basic concepts and user interface.
- Introduction to UML.
- The UML diagrams most important for code generation are discussed in detail and explained using examples.

Development of an Application (Selection of content)

- Create projects, create classes, create attributes and operations, define actions in operations, define state machines.
- Whitebox testing on the host, code generation, integration with a compiler, execution of the model, animation of the model.
- Deploying the application to the embedded target. Use of external C sources, interrupts, events, constants, flowchart, singleton, statecharts, integration of C header files in the model, execution of the model on the hardware.

Tools which are used in the training

- Willert Embedded UML Studio based auf Rhapsody
- IBM® Rational® Rhapsody® (part of Willert edition)
- Embedded UML RXF™ (Realtime eXecution Framework) from Willert Software Tools
- Embedded UML Target Debugger™ from Willert Software Tools
- Embedded OO-RTX™ from Willert Software Tools

Your Benefit

Quick and intensive introduction of your development staff or teams to Rhapsody® and the efficient use of the Willert Embedded UML Studio Tool.

Through hands-on exercises, you will learn how to effectively generate code from structure and behavior and how to debug at the design level.

You bring your UML knowledge up to date and apply the concepts hands-on with Rhapsody®.

Registration

	Description	Date	Location	Costs excl. VAT per participant
<input type="checkbox"/>	Tool Training: Willert Embedded UML Studio - Rhapsody			CHF 2'350.00 EUR 1'980.00
		Refer to www.evocean.com		
<input type="checkbox"/>	We will each need a Notebook (rental fee)	This request needs to be with us latest two weeks 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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Send to:

EVOCEAN GmbH, Fax +41 41 790 78 93
Seminars

info@evocean.ch (Switzerland)
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 2 weeks 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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▪ Grundstrasse 8
▪ Adams-Lehmann Strasse 56
▪ Am Belvedere 8
▪ 19 Avenue d'Italie

▪ CH-6343 Rotkreuz
▪ D-80797 München
▪ A-1100 Wien
▪ F-75013 Paris

info@evocean.com
www.evocean.com
@EVOCEAN_GmbH