

IBM Rational Rhapsody® OXF Framework

Advanced Rhapsody® Specialist Training – 2 Days

Administration

Duration: 2 days
Time: 9:00 am to 5:00 pm
Seminar language is German
Number of participants: max. 8

Dates & Location

Refer to www.evocean.com

Target Audience

This course is of value to IBM Rational Rhapsody® users who want to get a deep insight into the OXF Framework.

Prerequisites

- Project experience in Embedded System Development
- Knowledge of object-orientation and UML
- IBM Rational Rhapsody® experience

Terms & Conditions

- Costs include handouts, coffee breaks and buffet lunch
- For inscriptions 8 weeks in advance a 10% discount is given

Further Information

Please consult www.evocean.com for further information.

Registration

Refer to the rear side of this flyer

Agenda

This course gives a deep insight into the OXF Framework covering following topics:

Composition of Framework

- OXF Architecture
- Key Class Definitions

OXF Usage and OXF Sequences

- OXF Initialisation, Code for Event Handling
- Client and Server Example for using OXF
- Application Initialization Order
- Event Sending and Receiving
- Timeout Handling, Triggered Operations
- Sequential Reactive Behaviour
- Active Class and Multi-Threading
- Thread-Save Operations using OMPProtected
- Various Running to completion Behaviours
- Running the OXF Main Loop in separate Thread

Direct Overloading of OXF Operations

- Reading from a Blocking Device in an Active Class
- Handling Interrupts
- Reactive Behaviour – User Implementation
- Reactive Object Serialization

Overloading and Extending the Framework

- Extending Reactive / Active Behaviour
- Cyclic Execution of Null triggered Statemachines
- Extending the Memory Management

Stripping Down the Framework

- Interrupt Driven Framework
- Synchronous Framework

Interfaces and Ports

- Connecting Ports and Interfaces with Links or Code
- Port Multiplicity and Message Broad- / Multicast

Standard Operations and Stereotype Based Code Generation

Trainer

Martin Stockl is a Senior Rhapsody Consultant at IBM and is the author of the OXF Training. He has consulted Rhapsody® projects since the beginning of this millennium and keeps challenged in consulting complex projects and framework adaptations.

Registration

	Description	Date	Place	Costs (excl. VAT) per participant
<input type="checkbox"/>	IBM Rational Rhapsody OXF Framework Rhapsody Specialist Training 2 Days: 9 am – 5 pm			EUR 1'520.00/ CHF 1'720.00
<input type="checkbox"/>	We do not have our own computers – please supply.	Quantity:		EUR 150.00/ CHF 175.00 per Computer

We will participate

	Name, First Name	Email	Function	Phone
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

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

<input type="checkbox"/>	IT Application Development	<input type="checkbox"/>	Real-Time Embedded Systems	<input type="checkbox"/>	Systems Engineering
<input type="checkbox"/>	Model Driven Development	<input type="checkbox"/>	Development Processes	<input type="checkbox"/>	MDA / SysML®/ UML®
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Send to: EVOCEAN Fax +49 89 452 352 110, info@evocean.de (Germany)
Seminare Fax +41 41 790 78 93, info@evocean.ch (Switzerland)
 Fax +43 1 740 40 80 36, info@evocean.at (Austria)

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%.

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

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