

# NEW TRENDS IN SOFTWARE DEVELOPMENT

One-Day Seminar Presented by Sander Hoogendoorn (Ordina BV)

Hotel Sofitel Brussels Airport (Diegem), 19 May 2004 (14-21h)



## GOALS OF THIS SEMINAR:

No industry is subject to change to the same extent as the software industry. **Every year new trends, techniques and technologies are being introduced.** It is up to you to make something of this neverending stream of novelties. What trends will last, which are perishable? **What technologies can really improve productivity and software quality within your organisation, and, not importantly, enhance employee satisfaction (and which not) ?**

During the seminar Sander Hoogendoorn will perform **a reality check** on a large number of trends, techniques and technologies. He will guide you through a number of issues that come up chronologically during the development process: **methodology, design, development and testing.** This seminar will give you an overall picture of these issues, as well as an introduction to the new buzzwords (for old things) such as **application lifecycle management, requirements management, MDA, ...**

## FULL PROGRAMME:

13.30h-14.00h: **Registration, Coffee/Tea**

### 14.00h **What's Wrong with Application Development ?**

- Some software project success & failure rates
- Some myths on application development
- Why do projects fail ?

### **Application Lifecycle Management**

- What's this new buzzword all about ?
- Lifecycle ? What lifecycle ?
- How do the vendors define ALM ?

### **New Software Development Methodologies: XP, DSDM and Smart**

- The latest agile development techniques
- What is agility ? What is the agile manifesto ?
- What is different, (how) can you deliver projects more effectively ?
- How agile can your organisation become ?

- How extreme is extreme programming (XP) ?
- The advantages and best practices of XP
- Can I use XP (or parts of it) ?
- What do other agile software development methodologies such as DSDM and Smart offer compared to XP ?

### **Working in teams & Implementing agile best practices**

- The agile best practices
- Workshops and stand up meetings
- Communicating differently in projects
- Working iterative, incremental and interactively
- Integral testing, test first design, unit testing
- Refactoring
- How can you use agile best practices ?
- Planning agile projects.

### **Requirements Management**

- Requirements drive your agile process
- The different approaches on requirements in the different methodologies
- Tools for requirement management
- Agile Requirements management

### **Modelling with UML 2.0**

- What is new in UML 2.0 ?
- What drives the development of UML ?
- Pitfalls in the use of UML
- Using UML pragmatically

### **MDA: what can you do with it?**

- What is MDA, is it useful for my organisation, and what is the relationship with UML ?
- Can I (finally) generate code from my design ? Is the model indeed the system, as Ivar Jacobson says ?
- The "Lucky Luke" syndrome

### **.Net & J2EE: Current state of affairs**

- What is .NET ? What is J2EE ?
- How successful will .NET and J2EE become ?
- What is their relationship ?
- When do I use J2EE and when .NET ?
- The dynamics of tool vendors market
- How big will the role of Eclipse be ?

### **Vendor Overview**

- What are the big vendors doing: IBM/Rational, Borland, Compuware, Microsoft
- What is available in open source?

21.00h: **End of this Seminar**

## WHO SHOULD ATTEND ?

This seminar is useful for **anyone managing, or steering (part of) the software-development process**, who would like to get an overview of important trends in this discipline:

- CIO's, IT managers and responsables for software development
- Managers of development projects
- Architects
- Designers and developers

*Participants are expected to have some affinity with software development, but need no thorough technical knowledge.*

## PRICE OF THIS SEMINAR:

The price of this seminar is **480 EUR (+ 21 % VAT)**, incl. participation to the seminar, handouts, dinner, coffee/tea, and some background reading on various topics that are discussed, such as MDA, ALM, AOP, agile development, XP, Smart, ...

## DISCOUNTS:

For **simultaneous registrations (one invoice)**, the 2nd participant of the same company receives **10 %**, the 3rd **20 %** and all further participants **30 % discount**. A 20 % discount is given to participants from schools/universities.

## CANCELLATION:

**Cancellation** is possible up to 1 week before the seminar, if received in writing. In this case, 20 % of the total amount is charged for administration. Otherwise, the full registration fee is due, **regardless of the reason of cancellation**. Of course, **replacement** is possible at no extra charge.

## SEMINAR LANGUAGE:

This seminar is presented in **English**.



# REGISTRATION FORM

**Fax to: (09) 241.56.56 or backup fax (09) 220.34.57 - Questions ? Call (09) 241.56.13 or Email [seminars@itworks.be](mailto:seminars@itworks.be)**

Mr. /  Mrs.

Agrees with the seminar conditions and registers for:

Name: \_\_\_\_\_ First Name: \_\_\_\_\_

**New Trends in Software Development**

Job Title: \_\_\_\_\_

**on 19 May 2004 (14-21h) in Hotel Sofitel (Diegem)**

Company: \_\_\_\_\_

Company Address: \_\_\_\_\_

Please send the invoice for 480 EUR (+21% VAT) to:

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Extra info for invoice (like order nr.): \_\_\_\_\_

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**Please complete and return this form by mail or fax to: I.T. Works, Innovation Center, Technologiepark 3, 9052 Gent, fax: (09) 241.56.56 or (09) 220.34.57. After receipt of the registration form, you will automatically receive a confirmation, invoice and a detailed access plan.**

Your data will be recorded in the database of I.T. Works bvba, so that we can keep you informed about our activities. In accordance with the law of 8/12/1992 on the protection of privacy, you can inspect and, if necessary, correct this data.