

April 27-29, 2009
Bergen Congress Centre
Programming and Quality Sessions



Tom Gilb

- Subject: **How to deal with Critical Quality Requirements, Design and Testing using Agile Development – Monday, 27. apr – 1300-1700**
- Description: **This practical workshop will give the participant practical specification templates, processes, rules and other standards for requirements and design. The requirement/design templates will show a practical way to connect all requirements, at all levels, their corresponding design and architecture, and their corresponding test plans. The participant will experience a powerful planning language for requirements and design.**
- Subject: **How to define and quantify any useful quality aspect of a system – Tuesday, 28. apr – 1330-1700**
- Description: **A clear weakness with most all development methods, including Agile methods, is their failure to explicitly deal with critical qualities of the IT system. They stop at bug counting. We need to deal directly with a vast array of stakeholder-valued qualities, including availability, maintainability, adaptability, security, portability, usability, robustness, and many more. This practical workshop will equip participants with practical tools, experiences and exercises so they will master the ability to quantify any required quality requirement.**

Kaare Nilsen

- Subject: **Enterprise use of open source frameworks – Monday, 27. apr – 1300-1700**
- Description: **“Enterprise App without Enterprise Crap” – How to use open source frameworks and products to make everyday life more effective for the developer.**

**James Coplien
Trygve Reenskaug**

- Subject: **Two grumpy old men discuss DCI! – Monday, 27. apr – 1300-1700**
- Description: **The fireside chat continues again this year as Cope and Trygve discuss what works (and what doesn't) in today's software development environments. The goal of this workshop is for participants to learn what it is like to program with roles. The presenters, who have developed the DCI paradigm, will lead the audience through the experience of "re-inventing" DCI from everyday design principles.**

Lasse Koskela

- Subject: **Agile Application Development – Tuesday, 28. apr – 1330-1700**
- Description: **Agile methods are frequently associated with concepts such as time-boxed iterations, evolving a working system through adding thin vertical slices of functionality, and building the simplest thing that could possibly work. We've learned that software is supposed to be soft and malleable. We've heard our fair share of mantras such as "You Ain't Gonna Need It." We've learned to remove duplication from our code and we've become friends with refactoring and pushed our old habits of evolution through rewrites aside. After all, this is iterative and incremental development.**
- We have, however, also learned that these concepts are applied much more easily to faceless back end systems and that it's oh, so easy to paint ourselves in the proverbial corner as we incrementally implement functionality into a UI-intensive application. Furthermore, that corner is much more costly to refactor out of than what we're used to with faceless blocks of code. Reaktor Innovations has been developing enterprise and online applications with agile methods for several years, struggling to find better ways of incorporating ideas from user-centered design and agile software development.**
- In this tutorial, we will discuss the dynamics that influence our productivity and approach when developing applications with user interfaces. The participants will gain an understanding of how we approach iterative and incremental development of user-facing applications at Reaktor Innovations through a mixture of presentations and hands-on exercise, sharing our current thinking and approach.**

Register today by visiting our site roots.dnd.no.
From the main menu you can view the program and speakers' biographies.

Jeroen Frijters

Subject: **The Future of Dynamic Languages on the CLR and JVM – Tuesday, 28. apr – 0900-1200**
Description: **Waiting for abstract**

Martin Knobloch

Subject: **Application Security - Awareness – Tuesday, 28. apr – 0900-1200**
Description: **What is a secure application? What have we to be aware of? During this interactive session, causes of unsecured software applications will be discussed.
Next, an introduction of OWASP.org, common security vulnerabilities are demonstrated as listed in the OWASP Top Ten list, using the OWASP WebGoat and WebScarab tooling.**

**Plus Birds of a Feather sessions on Monday and Tuesday – to be announced
And Experience reports on Wednesday, before the Closing Plenary**

- Tobias Torrissen – iPhone development for (Java) programmers
- Øystein Aadland – A Groovy way to handle Land Registry

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