

JUNE 2008 EVENT

Event Theme

Use Cases and Estimation

Presenter

Fang, Li
Business Analyst, IBM Canada

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Senior Systems Analyst, Bank of Montreal

Topic Summaries

Introduction to Use Cases

Use-case techniques have become one of the most common practices for capturing functional requirements. Properly done, use cases can convey concise and sufficient information about what a system can provide, and can help eliminate requirements confusion between you and your client. Furthermore, a well-written use case offers the business, development, and testing teams an invaluable guidebook. This session presents an introduction to use cases, including guidance on writing good use cases. It is not intended to be a detailed or comprehensive guide to use cases. It explains principles for use case techniques and addresses why use cases are effective and popular.

Software Estimation In The Maintenance Context: Applying Use Case Points

UCP (Use Case Points) is a method for estimating size and effort for software projects. Its extension, UCPm, has been developed for the maintenance context, when new complex products are built on top of existing software systems. UCPm has been applied to 80+ projects. This presentation will discuss: What is software size and why it is necessary? How use case model can be used to estimate software? How the specifics of the maintenance context need to be taken into consideration in the estimation approach? How UCPm relates to FP (Function Points)?

Biographies

Li Fang is a Business Analyst with IBM Global Business Services. In the role of BA, Li serves as the interface between the business and IT teams, and has played key roles in many successful projects in the public sector, the financial services sector, and IBM JV acquisition. With proven extensive experience in the requirements domain, Li is well versed herself in workshop facilitation, use case modeling, process modeling, data analysis, as well as applying advanced tooling to the requirements process. Li is certified in Rational Unified Process, Requirements Management with Use Cases, and is a member of the BA Core Team of the IBM Canadian Business Analyst Community. Li holds a bachelor's degree in Civil Engineering and a bachelor's degree in Computer Science.

Sergey has 30+ years of experience in programming, requirements, analysis, architecture, design. He has worked on challenging projects in many areas, including aerospace, nuclear power stations, system software, software development tools, finances, and others. One of Sergey's long-term interests is requirements engineering, especially methods and tools for concept- and use case-based requirements development, analysis and estimation. Since 1999 Sergey has been involved in software development process improvement, working on process architecture and process definition. Sergey holds a Ph.D. degree in Computer Science from a renowned research center in Moscow; he developed and implemented several methods; he also published many papers, most recently in such areas as software estimation and requirements development.

Date / Time

Thursday, June 19, 2008

5:30 pm – 8:30 pm (Doors open at 5:30 pm; Session starts at 6:00 pm)

Note: Light supper included prior to presentations

Location

IBM Canada Auditorium, 3600 Steeles Avenue East, Markham, Ontario, L3R-9Z7
(northeast corner of Steeles & Pharmacy)
Free Visitor parking available (follow signs)

Registration

<http://www.TorontoSPIN.com> \$20.00 at the door

Future Events

September 2008

Thanks to IBM for providing the location for this event.