



November 2008 EVENT

Event Theme

Software Measurements: Reports and Modeling

Presenters

Erika Vintan

Sr. Process Improvement Specialist
BMO IT Best Practices & QA

Norocel Popa

Process Improvement Specialist
BMO IT Best Practices & QA

Topic Summaries

We have data! Now what?

This presentation describes how the measurements process was rolled out in a financial institution that became a strong CMMI Level 4 organization using Measurements and Analysis to be proactive in influencing decisions.

The first presentation will focus specifically on sharing best practices and lessons learned in creating measurement reports while offering a view of the challenges faced and the challenges that still lie ahead.

The second presentation will focus on Modeling SDLC sub-processes using historical data.

Attendees will gain an overview on how Private Client Group (PCG) is using 3 prediction models based on historical data for Software Development Lifecycle Activities:

1. Peer Review estimation model – explains the usage of box-plot charts in analyzing data that doesn't have a time component.
2. Change Requests predictor – how to find a function that describes a set of data. Attendees will learn how to find the correlation level between 2 sets of data using Excel and a statistical analysis tool called Minitab.
3. Project Effort Estimation model – based on previous models presented and on a simulation using Crystal Ball.

Biographies

Erika Vintan is a Senior Process Improvement Specialist in the Toronto Bank of Montreal (BMO) IT Best Practices and QA CM, RMG & PCG department within Corporate Technology Development.

She joined the BMO Quality Assurance Management Team eight years ago, supporting an IT staff of approximately 300, with a mission to establish QA Best Practices across the Private Client Group (PCG).

Erika completed her Statistical Process Control knowledge at the Software Engineering Institute in Pittsburgh and spent her last four years as the Quantitative Management Group representative for PCG co-coordinating the measurement program and defining the framework and context for implementing processes and process improvements that includes supporting a practicing CMMI Level 5 organization.

She is certified as a Software Measurement Specialist, ISO Internal Auditor, and Quality Assurance Analyst.

Norocel Popa worked for 17 years as developer and Systems Administrator before moving on to the BMO IT Best Practices & QA CM, RMG & PCG group a little more than a year ago where he is in charge with implementing and rolling out software models.

Norocel has been a member of the Software Engineering Process Group implementing process improvement models (ISO 9001:2000, ITIL, SEI-CMMI) across PCG.

Technical certifications: MCSE (Microsoft Certified Systems Engineer), CNE (Certified Novell Engineer).

Date / Time

Thursday, November 6th, 2008

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

Note: Light supper included prior to presentations.

Location

Auditorium, IBM Canada

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

The following public transportation is also available:

TTC

167 Pharmacy North; 53 Steeles East; 353 Steeles East

York Region

224B Esna Park ; VIVA Green

Registration

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

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To Be Announced

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