

Practical Risk-Based Testing - 1 Day Tutorial

Time : 8 June 2010

Location: National University of Singapore, Computing 1, Seminar Room 10

TUTORIAL DESCRIPTION:

Risk-based testing (RBT) offers an exciting approach to cost effective testing by selecting features and functions to be tested based on priority/importance and likelihood or impact of failure. Risk based testing is not new, it derives from principles of risk management and FMEA techniques. For the testing community, techniques like boundary value analysis aim to find the area most likely to be defective, thus the tester is already selecting tests based on risks. RBT is useful to reduce escape defects to the customer.

Transforming RBT theory into practical steps that testing organizations can adopt within their existing processes and alongside other test methods is presented. The focus is on "practical" RBT and covers areas including (i) applying RBT in practice, (ii) selecting organizations to introduce RBT, (iii) incorporating RBT to agile methodology, (iii) measuring the effectiveness of RBT, (iv) benefits and challenges of RBT. The talk is of interest to all software and system engineers.

YOUR INTERNATIONAL TRAINER

Dr. Rajesh Subramanian

Project manager with Software Development Technologies at Siemens Corporate Research (SCR), Princeton, NJ

Rajesh Subramanian is a project manager with Software Development Technologies at Siemens Corporate Research (SCR), Princeton, NJ. He has been with SCR, Software Engineering department since July 2005. He is currently serving as a program-chair for 34th IEEE COMPSAC and a steering committee member of SSIRI 2010.

Prior to joining Siemens, he was a visiting assistant professor with CS Purdue University between 2003-2005 where he designed and implemented a successful software development life cycle program in collaboration with large industries like Hewlett Packard, Cisco, Microsoft, Harris Communications, etc.

His current interests include broad areas of software engineering with focus on quality & testing, including topics such as model based testing, testing in agile environment, automation. He has a PhD from ECE, Purdue having worked in the areas of large distributed computing, performance engineering & networking, and MS in EE from the University of Houston.

Practical Risk-Based Testing

Registration Form

How to Register

You can pay by **credit card** by filling up the following form.

For other ways of payment (e.g., **bank transfer, cheque**), please contact Registration Chair **Dr. Yang LIU** by Tel: (+65) 6516 1510
Email: liuyang@comp.nus.edu.sg

1 COURSE PRICES

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- Individual S\$ 350
- EARLY BIRD DISCOUNT** – I would like to enjoy S\$ 35 off the individual standard price when I register and pay **before 26 May, 2010**

GROUP DISCOUNTED PRICES

- Group of 3 S\$ 333 Per Person
- Group of 5 S\$ 322 Per Person

* Early Bird Discount and Group Saver Discounts cannot be combined.
* Course documentation, refreshments & lunches are included. Travel and accommodation are NOT included.

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