

**SEPTEMBER DINNER MEETING**  
**Tuesday September 30, 2003**

**Managing the Test Effort Using Requirements-Based Testing Metrics**  
**Gary Mogyorodi, B. Math, M.B.A., *Software Testing Services***

In many organizations, there is difficulty quantifying the true state of the test effort. Often testing is measured by getting as much done as possible by an arbitrary deadline. The true level of quality is never really known, and software is released to the next phase of development with portions of the code going untested. This dramatically increases the risk of software failure.

When testing is properly deployed, with heavy emphasis on Requirements-Based Testing (RBT) and the RBT metrics, it can have a major impact on overall project productivity as well as product quality.

The RBT process provides a set of metrics. These metrics clearly indicate the true state of the test effort at any point in time. The presentation addresses how the RBT process metrics reduce the risk of delivering untested code, and provide project management with quantitative data on the test effort throughout the software development lifecycle. The combined results are fewer tests with greater functional coverage, shortened time to delivery, reduced development cost, and significantly improved quality. Topics to be covered are:

- the Requirements-Based Testing Process
- the RBT Metrics and their impact on tracking the true quality of the software
- the Ambiguity Review process for improving functional requirements.
- translating requirements into Cause-Effect Graphs to design test cases.
- using the RBT Metrics to provide quantitative completion criteria to organize the testing effort.

Gary Mogyorodi has over 30 years of experience in the computing industry. He is the Principal Consultant with *Software Testing Services*, consulting, training, and mentoring in software testing, and specializing in Requirements-Based Testing. Gary has delivered presentations at many conferences including the STC, CIPS, TASSQ, CQAA, STARWEST, STAREAST, Software Quality Forum, Toronto SPIN, and PSQT/PSTT North and South.

**Presentations are on the last Tuesday of the month at the Sheraton Centre Toronto Hotel,  
123 Queen Street West, across from New City Hall**

If taking the subway, exit at Osgoode station (Queen and University), walk one block east along Queen to York.  
If driving, you can park at New City Hall, which is accessible underground to the Sheraton Centre.

Dinner and Presentation: \$35 Members, \$50 Non-Members  
Cash and Cheques are accepted at the door.

**Please RSVP by noon on Thursday September 25, 2003**

5:30 P.M. Networking      6:00 P.M. Dinner      7:00 - 8:30 P.M. Presentation

**For reservations, information and membership inquiries,  
visit our web site at [www.tassq.org](http://www.tassq.org) or phone TASSQ at (416) 444-4168**