



Highlights from July Presentation: An Automated Test Script and Data Generation Approach for IBM[®] Rational[®] Test RealTime[™]

Has this ever happened to you? It took days, weeks, maybe even months of hard work, but you finally finished a “killer” set of test scenarios for that complex system you’re developing. Thinking the testing will go smoothly due to the tremendous effort you’ve put into the scenarios, you decide to execute the test scenarios manually with the help of a couple of your project teammates. Lo and behold you and the team uncover several bugs and other discrepancies, which will require re-coding and of course regression testing.

Great! Now you get to spend the next two week-ends in the test lab executing all these tests again. So much for your relaxing weekend at the beach with the family!



The team at Optimize has partnered with IBM to extend the capabilities of Rational[®] Test RealTime[™].

Rational[®] Test RealTime[™] reduces the software development risks, making it easier to meet time-to-market and quality constraints for embedded/real-time software development efforts. To further reduce this risk, Optimize has developed an approach to free developers’ time from test script and data generation activities and enable them to focus on the software construction process itself.

The presentation shows this approach for automatic test script and data generation, making it possible to generate hundreds of test cases in a few minutes.

To view a copy of the presentation, visit the Orlando Chapter web site at <http://www.incose.org/> and click on the Presentation link in the “Orlando Chapter July 2008 Meeting” notice.

President’s Corner

We are well into the second half of 2008. But we are not slacking on our pace to bring new information, innovative presentations, and additional tutorials to the membership. And of course, the highlight of summer is the International Symposium – more on that later.

We are working on providing a classroom-based tutorial, which will provide hands-on experience with tools. We also have a second tutorial in works. We are working on scheduling now and hope to have a calendar available shortly.

We continue striving to expand and improve our service to the Chapter membership. One function that you will see very soon will be surveys. Members will begin receiving e-mail with a link to a survey website, which will allow us to better plan Chapter activities. I hope you’ll take a few minutes to partici-

pate - your chance to be heard is a couple clicks away!

As we frequently say, we do need your support. We started the year with a slim team. Since then, Penny Beierschmitt has joined the team as Secretary. She has done an exceptional job picking up the Secretary functions (such as THIS NEWSLETTER). We also recently had another member, Tom Herald, volunteer to join the team. Additionally, we have reassigned some duties. Becky Matz is taking on the role of Treasurer. Many thanks to Jack Baumgardner for his support as the Treasurer up to now. This position is hard to hand over immediately, so Jack will be transitioning his duties to Becky through the remainder of this year. To alleviate some of her workload Becky is handing over some of her duties to Penny. My compliments to

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UPCOMING EVENTS

August 12: Board of Directors Meeting

August 21: Chapter Meeting

Highlights of the International Symposium and the IBM Rational Conference

September 18: Chapter Meeting

October 16: Chapter Meeting

November 20: Chapter Meeting

December 18: Chapter Meeting

A tutorial series is being planned for November 2008. Topics will include:

- RMC familiarity workshop (Rational Method Composer)
- MDSO (Model Driven System Design)
- Best Practice & tie-together wrap-up?

For more details on upcoming events visit the INCOSE Orlando web site.

<http://www.incose.org/orlando>

June Presentation

Fred Beltzer gave an excellent presentation at the June Chapter meeting. His presentation, “The Importance of the Information Security Systems Engineering (ISSE) Process” can be found on the chapter web site. https://www.incose.org/orlando/Attach/200806/ISSE%20Presentation%20INCOSE_19June2008.pdf

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Multi-Level Professional Certification Now Available

The International Council on Systems Engineering recently established a multi-level Professional Certification Program to recognize the varying levels of knowledge and experience systems engineering professionals may have.

ASEP	Associate Systems Engineering Professional (Entry Level)
CSEP	Certified Systems Engineering Professional (Foundation Level)
CSEP-Acq	CSEP w/ US DoD Acquisition (Discipline Extensions)
ESEP	Expert Systems Engineering Professional (Senior Level)

Details on the certification program can be found at <http://www.incose.org/educationcareers/certification/>.

Publications Go Digital

Wondering where the hard copies of your *Journal of Systems Engineering* and *Insight* are?

Members now have access to an electronic copy of the *Journal of Systems Engineering* through Wiley InterScience.

Registration instructions can be found at INCOSE Connect.
https://connect.incose.org/Shared%20Documents/wiley_instructions.pdf

Insight is available on the Insight Library on INCOSE Connect.
<https://connect.incose.org/INSIGHT%20Library/Forms/AllItems.aspx>

2008 BOARD MEMBERS

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Jack Baumgardner

President's Corner (cont'd from page 1)

both Penny and Becky for their support. In the meantime, if you can assist us, consider joining our team for at least the rest of the year (so you can "get your feet wet").

INCOSE INTERNATIONAL SYMPOSIUM

The Orlando Chapter sent representation to the International Symposium in June. This event took place in Utrecht Netherlands, which is about an hour south of Amsterdam. I attended the event and represented the Chapter. At our next meeting, I will begin a debrief of important events, meetings and developments. This was my first Symposium, and I found it quite interesting. I highly recommend any opportunity to attend. Overall, the keynotes and sessions were excellent.

The next Symposium will be in Singapore. While in Utrecht, I had the

chance to speak at length with members of the Symposium 2009 organizing committee/chapter. Hopefully I raised awareness of the difficulty in myself getting to Utrecht, as getting to Singapore will likely be similar. I hope to have more contact with the Singapore Symposium team as planning for that event continues.

And in an unrelated matter, please let us know if there are any charitable organizations or causes that we can consider supporting. We hear of various needs through our constituents and affiliates (such as AFCEA and similar), but we would always consider a suggestion representing our Chapter.

— Brett Osborne, CISSP+CISM
President, Orlando Chapter

Member News

Membership in the Orlando Chapter has hit the 100 mark! Thanks goes out to all the new & renewing members. If you haven't renewed your membership yet or your interested in becoming a member, visit the INCOSE web site (<https://www.incose.org/sitemap/menuSitemap.cfm?topNodeID=3>) or contact Becky Matz at becky.g.matz@saic.com.

New & Renewing Members for May & June

- Yen Chen, Lockheed Martin
- Robert Haefner, SAIC
- Schaun Schneider, TEKsystems
- Thomas Willard, Lockheed Martin
- Murray Yutzy, Lockheed Martin

Member Achievements & Celebrations

Have you achieved a professional certification or had a paper published? Maybe you're celebrating a personal event, such as marriage or the birth of a child.

If you'd like to share your news so we can all celebrate with you, send an e-mail to Penny Beierschmitt—penny.j.beierschmitt@lmco.com

