

**Title of Paper**

## **Test Estimation in an Agile Paradigm**

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**Presenter**

Jerry E. Durant, CSTE, CQA, CISA, COOPM, CICS, CSP

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**Instructional Level**

Introductory     Intermediate     Advanced

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**Keywords**

- Test Estimation
  - Agile, xP, Scrum, Crystal
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**Abstract**

The topic will address the paradigm shift from a phased process model approach to test estimation to a group based interactive development approach as is the case in Agile, Scrum, xP, and Crystal methods. A shift is not easy to comprehend because of hidden deficiencies that have existed in present test estimation methods. Closer examination reveals issues relating to project management shortcomings, irrational engineering methods, and ad hoc test approaches. Agile has had sufficient time, and velocity to iron out issues and as a result test estimation in an Agile context is ready for closer examination and establishment. In addition to estimation of time effort is the question of resource estimations. Can conventional testers operate in a groupwise, interactive climate? Are culturally founded test technologies, like TTCN-3 (or TCL-TK), capable of being factored into an Agile setting. While estimation are heuristical, their fate is left to answering some of the questions that relate to adjoining capability and nimbleness.

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**Biography**

Jerry E. Durant has been involved in Information Technology for over 30 years. During this time he has worked for and represented some of the leading companies throughout the world. These include AT&T, Bell Laboratories, SAS Data Denmark, Ericsson Telecom, Honk Kong Telephone, British Telecom, EG&G, AETNA Insurance, Bank of America, Rockwell International, Puritan Bennett, Eli Lilly, Glaxo, Unisys and Hewlett-Packard to name a few. What is more important than just names is the array of services that have been provided. As Managing Director of Certifiable Technologies Ltd. Jerry, and his team of software engineering professionals, stand prepared to support the needs of business. Whether it's assessment, project oversight, validation, or infrastructure development we are prepared and capable to get the job done to the specifications required.

Jerry authored The Testing Tools Reference Guide© published by SingleSource, and authored the first training program on the subject entitled "Test Automation Workshop™" (offered through Software Quality Engineering). He has taught throughout the World in both public and private settings. Practical, applicable and effective are words that participants have used to characterize their training experience.

Jerry has a M.S. in Computer Science from NH College Graduate School, B.S. in Management from NH College and an A.S. in Accounting from Hesser College. In addition he was named to Who's Who in Technology, Who's Who in Global Business, and received recognition from Dartmouth College in

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Excellence in Software Engineering. His unique combination of formal educational and experience offers practical answers for clients that consider financial, technological and administrative effects.

Jerry is founder of both Certifiable Technologies Ltd. (CTL) and OutSourceIT!Solutions (OSITS) and serves as Managing Director of Certellus Corporation. He also serves as Chairman, Board of Governors for the International Institute for Outsource Management ([www.Int-IOM.org](http://www.Int-IOM.org)).

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**Contact information of Presenter**

Jerry E. Durant

Managing Director  
Certellus Corporation, 4200 Vanita Ct., Suite 100, Winter Springs, FL 32708  
[tectl@certellus.net](mailto:tectl@certellus.net)  
+1 407 644 4599 (phone/fax) or +1 407 595 5760 (mobile)

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