

Title of Paper

The New International Software Testing Standard

Presenter/Company

Tafline Murnane

Member of Standards Australia committee IT-015 (Software & Systems Engineering)

Member of ISO/IEC JTC1/SC7 (Software & Systems Engineering) Working Group 26 (Software Testing)

Consultant of K. J. Ross & Associates

Instructional Skill Level

Introductory Intermediate Advanced

Target Group

Anyone involved in software testing, from test manager to test engineer and everyone in between

Key Points

- Software Quality Management
 - Software Testing
 - Software testing standards
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Abstract

In May 2007 ISO formed a working group to develop a new standard on software testing – a new area for ISO. This initiative is closely-supported by IEEE and BSI, both of which are providing existing standards as source documents to the project.

The proposed standard, ISO 29119, comprises four parts. The first covers ‘concepts and terminology’, the second ‘test process’, the third ‘test documentation’, and the fourth ‘test techniques’.

This presentation describes current progress on the development of ISO 29119, which is centered on the development of a process model that covers testing processes and documentation at the organization, project and testing levels. The presentation will also cover how organizations can use the standard, how they can remain informed of its development and how organizations and individuals can contribute to its development.

Biography

Tafline Murnane is a Software Test Consultant for KJ Ross & Associates (KJRA), is a member of Standards Australia committee IT-015 (Software & Systems Engineering), of ISO/IEC JTC1/SC7 Working Group 26 (Software Testing) and is a co-editor of the new ISO/IEC 29119 Software Testing Standard. Tafline is completing a PhD in Software Testing with La Trobe University in Melbourne, Australia. Over the past eight years Tafline has held various roles within the field of software engineering, both from an industrial and academic perspective, including testing, test management, software development and software testing education. Key projects in which Tafline has been involved since joining KJRA include software testing course development and training, test strategy formulation, test process improvement and development and testing of automated testing tools

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