

Title of Paper

ICW Test Factory Operations Based on the T2 Test Framework

Presenter

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Instructional Level

Introductory Intermediate Advanced

Target Group

Test manager, business, upper management

Keywords

- software testing
 - test management
 - test framework
 - tool integration
 - test modeling languag
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Abstract

This presentation explains the major modules based on the T2 test tool platform, the ICW Test & Assembly Center uses on daily business. Due to the T2 Effect, Torsten Zimmermann explains the detected benefits of the T2 test tool platform engagement within the test automation. Furthermore, he introduces a general test language; the XML based T2 Test Modeling Language (T2 TML). He does some T2 TML code discussions. He outlines the results in using this modeling language instead of any proprietary test tool language

Presentation's structure:

- Introduction of ICW (InterComponentWare) AG (5 Min.)
 - Requirements for an „up-to-date“ test framework (10 Min.)
 - „Test Factory“ aspects
 - robustness & reproduction
 - cost orientation
 - T2 Test Framework Technologies (15 Min.)
 - test environment
 - T2 Test Framework and T2 Test Tool Platform
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- T2 Test Modeling Language: generic test script approach with script example
 - current status
 - conclusions
 - Diskussion (15 Min.)

used tools:

- procedural view
 - TMAP
 - IEEE 829
 - RUP 2000
 - ISTQB
 - technical view
 - test tools
 - QA Center
 - TestPartner
 - Rational Robot
 - QALoad
 - WebLOAD
 - JUnit
 - ...
 - service bus
 - Innobit IS
 - service management / defect management
 - HP OVSD
 - JIRA
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Biography

In 1993, Torsten Zimmermann began his career after successful pass of the business related computer science study at the University of Applied Sciences Karlsruhe. Since 1995, he deals with the topics software quality and test management within international projects at (e.g.) BMW, Daimler, Hewlett-Packard, and Hoffmann-La Roche.

Besides of that, he invents the risk based test approach released at the "QZ" magazine. Due to practical quality management work, his conclusions lead to the T1 and later on the T2 TFT (Test Framework Technologies), which initiates a new generation of test systems.

Today, Torsten Zimmermann focuses on quality issues related to ISO, VDA, and GxP fields. He develops new concepts for more powerful test frameworks. Within his university network, new solutions will be developed in the area of rule and model based test systems

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