

Obwohl der Abstract und auch die Folien in Englisch sind, wird der Vortrag in Deutsch gehalten.

Titel

Der Übergang von der Testphase im Wasserfallmodell zum Test als integralen Teil der Agilen Entwicklung - Eine "real life story"

Referent(en)

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An wen richtet sich der Beitrag?

IT Management, Top Management, Test Managers

Abstract / Zusammenfassung

Transitioning from using a formalized test team to assure the software quality, to trusting in the test-effectiveness of the agile process felt a bit like a leap of faith, but Infonova can now look back on a real-life success story. We changed from Test Last to Test Driven - testing stopped being a phase, and became a way of life.

There were dark clouds over the classic test team approach: "Developer context switch" caused up to 40% team performance loss; test team growth was as fast as development team growth; releases would not build, let alone pass basic smoke tests; inefficient team utilization.

In order to make testing in Agile work, there are well-known team principles that must be committed to, on all levels of the organization. Creating a culture of collaborative attitude to testing where everybody in the team tests is a key to success, and the whole team, including the product owners, must live by the principle that "Done is only done when it is tested". Reduce feedback latency by shortening the feedback loops and learn to test according to realistic expectations that focus on risk-based scenario testing.

There are also some underlying frameworks that need to be in place and if these are ignored, agile testing in your organization may be a nicer way to work, but it will not be efficient! Upper management must commit to an investment to put quality frameworks in place. There will be an invest required to create automated unit, multi-unit and integration test frameworks, including continuous integration and nightly builds. Management must also commit to driving an Acceptance Test driven development process and ensure the enforcement of an effective software configuration management policy.

Biografie

Dipl. Ing. Susan Backhaus is Technology Architect for Product Management at Infonova since 2009, and is responsible for defining the future direction of the Infonova BSS R6 product. She also carries the role of Software Test and QA advisor for Infonova. Prior to being in the Product Management team, Susan managed the Software Test and Delivery department for Infonova from 2005 – 2009 serving a number of international clients.

Prior to working for Infonova, Susan worked as a systems engineer and business analyst in New Product Development for Vodacom, South Africa, where she gained almost 10 years of project management, product management and test management experience in the mobile industry.

Susan has a Masters in Electrical Engineering (Telecommunications), is ISTQB Test Management certified, and is a certified Scrum Master and Product Owner.

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