

Title of Paper

Everyone's Agile: Making quality everyone's business

Presenter/Company

Andrew Prentice, Atlassian (AU)

Instructional Skill Level

Introductory Intermediate Advanced

Target Group

QA Managers, Development Managers, Test Practitioners and Engineers, as well as other professionals interested in the use of code quality tools, virtual environments and virtual teams to assure software quality in agile and non-agile development environments.

Key Points

- Metrics, KPIs and Quality Gates
 - Test Environment Management
 - Test Automation
 - Agile Testing
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Abstract

At Atlassian, we develop software collaboration and development tools and we do this without a team of QA engineers. We are looking at hiring test practitioners but finding the right people takes time. In the meantime our challenge has been to leverage our current resources to improve the quality of our software. This has meant making quality every employee's business.

This presentation details three of the ways we're doing this, the tools we use, and the lessons we've learnt. These don't replace, but rather compliment traditional QA practices and so may benefit QA departments looking to expand beyond test writing and execution as well as organisations without QA staff.

Specifically, this presentation will cover;

1. How we improve software quality with code reviews and analysis tools that capture and report code metrics.
 2. How we run existing tests across a large number of environment combinations and configurations using virtualisation technology.
 3. How we involve non-QA staff in user and peer acceptance testing on a regular basis.
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Biography

Andrew Prentice is the sole QA engineer at Atlassian, the developers of software collaboration and development tools such as JIRA and Confluence with over 11,000 customers in more than 100 countries.

Andrew has held QA positions for over 10 years in both Australia and the United Kingdom, working with agile and waterfall methodologies for software development and telecommunications companies.

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