

Title of Paper

Testing@Google

Presenter

Robert Nilsson / Google (CH)

Session Format

Workshop Tutorial Conference Presentation

Instructional Level

Introductory Intermediate Advanced

Keywords (please mention main topic here if not part of the title)

- Test Automation
 - Testing and QA of large scale, multi user web applications
 - Test organization with agile development teams
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Abstract

Google is constantly innovating and developing large scale web applications in order to organize the world's information and make it universally accessible and useful. Doing this requires an engineering organization that is flexible and able to handle both the traditional challenges in software testing and issues that arise when testing applications that are designed to have millions of users each day. This talk is intended to give an overview of how testing is done at Google, and in particular in the Zurich Google office. The talk covers some of our best practices and describes how responsibilities are shared between development teams and the test engineering organization. Further, some examples are given of the particular challenges that are specific to large scale web applications and how automation can be applied to support the quality assurance in these situations.

Biography

Robert Nilsson joined Google in January 2007. He works as a software engineer in Test, consulting with a wide range of development teams on testing and quality assurance strategies and best practices, as well as working on tool and testing infrastructure development within the Geo teams. Robert has a PhD in computer science from the University of Linköping in Sweden, where he specialized in automated software testing.

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