

Automated Smoke Testing on the JVM with Geb

Tuesday, 29 September 2015 14:00 (30 minutes)

The presentation will focus on automated smoke testing in the Java world, and how to prevent catastrophic failures from reaching the production environment.

We will show how we have leveraged Geb – a browser automation tool built on top of Selenium – to develop a full suite of smoke tests for CERN’s Electronic Document Handling (EDH) system – a large web application with over 1 million lines of Java code, in production since 1998.

Though the tool is aimed for use on the JVM, the concepts that will be presented can be applied in other languages that have wrappers for Selenium. In particular, patterns that can be used to better describe and structure functional/smoke tests, as well as how to integrate these tests with continuous integration systems, such as Atlassian Bamboo, using headless browsers (e.g. PhantomJS) or virtual frame buffers.

Availability

Both days

Will you need the training center (Workshops)?

No

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