

**Title**

**Distributed test automation in the cloud**

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**Speaker(s)**

Tim Koopmans / Altentee

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**To whom is the presentation addressed?**

Test managers, test automaters, test environment managers

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**Keywords**

Watir, selenium, webdriver, grid, cloud

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**Abstract**

This workshop will start with a standalone test automation suite and finish with a parallel equivalent distributed on the cloud.

Topics covered will include:

- A brief introduction to the many test automation options available, with a demonstration of Ruby Watir and Cucumber.
- Exploration of common reasons for going parallel, including speeding up acceptance tests, covering different browser types / mobile devices and simulating load.
- A brief tour of domestic and international cloud providers and selection / management considerations, with a demonstration using Amazon EC2.
- A look at different framework options to go parallel, with a demonstration of Watirgrid.
- Options to simulate load, with a demonstration of WebDriver and HtmlUnit.

Technologies referenced will include Ruby, Watir, Watirgrid, Selenium, Selenium Grid and WebDriver.

Cloud providers referenced will most likely include Amazon EC2, Rackspace, ZettaGrid and CloudCentral.

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**Biography**

Tim is a performance and test automation analyst working in Melbourne, Australia on a personal endeavour to turn the commercial performance testing space into something a lot more open with tools like Watir, Watirgrid, WebDriver and Selenium.

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