Test Automation in the Cloud
Microsoft Azure in Action

Venue: Microsoft London

Date: 29th March 2010

Why: Microsoft Vision for Cloud Computing offering a holistic approach that enables organisations to determine what they need from the Cloud and how it fits into their environment.

What: Microsoft Azure (Storage | Compute | Management) “Build to expect & withstand failure”.

Who are we?

TaaaS.net
Three decades in Automation
Automation is a Silver Bullet?

“The term has been adopted into a general metaphor, where ‘silver bullet’ refers to any straightforward solution perceived to have extreme effectiveness. The phrase typically appears with an expectation that some new technology or practice will easily cure a major prevailing problem.”

- Wikipedia
Automation is prone to failure?

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<th>2004</th>
<th>2010 (Estimated)</th>
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<tr>
<td>Industry: Test Automation (net worth)</td>
<td>$1 billion</td>
<td>$6.3 billion</td>
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<td>Automation Projects (failure cost)</td>
<td>$0.6 billion</td>
<td>$3.8 billion</td>
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“The cloud offers a low software maintenance cost, reusable test components lower tester's hardware specifications and moves away from expensive fixed-seat licensing.” Jonathon Wright
Manual’mation is time consuming

“Implementing screen-scrapers and a universal testing language within the cloud promotes more maintainable and portable solutions.” David Fox
Who wants to do Automation?

Ambassadors of Business Data

@Dunnhumby 17th May 2011
Apprentice Marketing Graduates
Testers are testers, not programmers

Developers are developers, not testers

“Many of the best testers are technically minded and can program but a testers real skill is applying domain knowledge to generate insightful test cases and avoid duplication. Put your players in their best positions.” - Gordon Marsh
Businesses should focus on business, not be automation framework experts.
Automation meets the Cloud

A match made in heaven?
No upfront investment

Don't invest heavily upfront in something that may fail.

Pay as you use means cost management is easier.
Instant scalability

Enabling realistic geo-performance testing
Easier Process Integration
Enabling 100% businesses focus
Automation should be a Global Marketplace

“For many small-to-medium sized firms getting agent machines installed globally for performance test purposes is tricky / impossible. A highly scalable service to simply allow them to select a target location would add considerable value.”
The future of testing?

"As founder of remind365, I had no idea the benefits that Testing in the Cloud could bring. TaaaS opened my eyes to the importance of performance and cross-browser testing."

– Darren Halford, Entrepreneur.

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Get Started Now! Fill in your special dates in the box below.
Possible Risks?

Data Security

Cloud provider goes bust

Access/control

Cloud provider restricts freedom

Continuity & DR