Automation of Testing, Configuration & Deployment

by Edmond Meinfelder

Brief Bio

BSc & MS both in Computer Science

Over 20 years experience writing software in online environments

Worked in both small series-A startups and publicly held international corporations

Currently working as a consultant at Panasonic

Why automate?

If you have 10,000+ servers (obvious)

Reliable occurrence - process occurs when it
should happen

Repeatable performance - the same actions
occur each time

Quality emerges through reliability and
repeatability

Why not automate?

Time is short

Automation, like testing, is overhead

It's hard

Let's get a product first, then worry about success problems

What is the worst that can happen?

Millions of dollars lost

Jobs lost

Losing a market to a competitor

How does automation of testing, configuration and deployment stop disaster?

Knowledge capture - how does this work?

Repeatable, enforceable standard

Automation means it always happens

Repeatable processes can be reliably improved

How does Automation start?

One person decides, "I want this."

It could be you.

I'll show you how. It's easy.

Automation of configuration & Deployment Demo

Code and slides at: https://github.com/stdarg/dev2014

Testing Automation Demo

Thank you!

Questions to: edmond@stdarg.com