Architecture, System, Information, Origin, Art, Craft, Testing, Risk,

Helicopter View of Risk in System Archicture

**Name**

Testing the Bigger Picture – System Architectures

**Description of Presentation**

A question I often ask testers is 'can you draw me the architecture of the systems that you test?' The answer is often \*stares blankly.\* I believe this is a core competency for an effective tester and the answer should be (more often than not) 'of course I can!'

This workshop will enable testers to interrogate, evaluate and elucidate the architectures they test, with the end goal of providing analysis of risk and information to those who matter.

* Recognise and explain the load balancing, web, API, database and shared access networks architectural layers.
* Able to sketch server side architecture from a set of technical documentation and anecdotal sources.
* Able to evaluate a mobile client to reveal its architecture.
* Identify key risk points within an architecture and build a context sensitive approach to testing.

As a result, you as a tester will be able to engage with, contribute to and add real value to discussions around system architecture, an area I believe the testing mind-set can make a tangible difference to.

**Tell us about yourself - make it easy for us to get to know you!**

Ash Winter is a continuously learning tester with a penchant for getting involved in all aspects of developing people, products and organisations. His career spans consultancy, veteran of various engagements encompassing testing, performance engineering and automation, being a team member delivering mobile apps and web services or a leader of teams and change. He also coaches, blogs and speaks at tech meetups, across many disciplines. Quite busy but always has time for a question, usually answered with another question.