

## ***Recommended resources helpful to addressing automation challenges:***

### **Test Automation**

Vance, Stephen, *Quality Code: Software Testing Principles, Practices and Patterns*, Addison-Wesley, 2013

Wynne, Matt and Aslak Hellesoy, *The Cucumber Book: Behavior-Driven Development for Testers and Developers*, Pragmatic Programmers, 2012

Morgan, Jeff "Cheezy", *Cucumber and Cheese: A Testers Workshop*, LeanPub, 2013

Marick, Brian, *Everyday Scripting with Ruby: For Teams, Testers and You*, Pragmatic Bookshelf, 2007

Emery, Dale, "Writing Maintainable Automated Acceptance Tests", [dhemery.com/pdf/writing\\_maintainable\\_automated\\_acceptance\\_tests.pdf](http://dhemery.com/pdf/writing_maintainable_automated_acceptance_tests.pdf), 2009

Goucher, Adam, "Page Objects in Python", <http://pragprog.com/magazines/2010-08/page-objects-in-python>, Pragmatic Bookshelf, 2010

Goucher, Adam, "Scripting for Test Engineers", [http://adam.goucher.ca/?page\\_id=305](http://adam.goucher.ca/?page_id=305), 2007

Kemerling, Ashton, "Generative Testing", <http://www.pivotaltracker.com/community/tracker-blog/generative-testing>, Pivotal, 2014

Scott, Alister, "Specification by Example, a Love Story", <http://watirmelon.files.wordpress.com/2011/05/specificationbyexamplealovestory1.pdf>, 2011a

### **Mind Mapping:**

McMillan, Darren, "Mind Mapping 101", for Testing: <http://www.bettertesting.co.uk/content/?p=956>, 2011

### **Technical debt:**

Cunningham, Ward, "Debt Metaphor", <http://www.youtube.com/watch?v=pqeJFYwnkJE>, 2009

Gärtner, Markus, "Technical Debt Applied to Testing", <http://www.shino.de/2009/01/08/technical-debt-applied-to-testing/>, 2009

"Decrease your debt with technical debt sprints", Lisa Crispin and Nanda Lankalapalli, StickyMinds 2011  
<http://www.stickyminds.com/sitewide.asp?Function=WEEKLYCOLUMN&ObjectId=16827&ObjectType=ARTCOL&btntopic=artcol>

Gat, Israel and Jim Highsmith, Cutter IT Journal issue on Technical Debt, <http://www.cutter.com/offers/technicaldebt.html>, Cutter Consortium, 2009

The Financial Implications of Technical Debt, <http://www.jimhighsmith.com/2010/10/19/the-financial-implications-of-technical-debt/>, Jim Highsmith, 2009

SpamCast 112, Israel Gat, Technical Debt, <http://www.spamcast.libsyn.com/s-pa-mcast-112-israel-gat-technical-debt>, December 2010.

### **Models for testing planning**

Crispin, Lisa, "Using the Agile Testing Quadrants",  
<http://lisacrispin.com/2011/11/08/using-the-agile-testing-quadrants/> , 2011

Gärtner, Markus , "The Testing Quadrants: We Got It Wrong!",  
<http://www.shino.de/2012/07/30/the-testing-quadrants-we-got-it-wrong/> , 2012b

Keogh, Liz, "Embracing Uncertainty", including links to posts on Cynefin, Deliberate Discovery and Real Options <http://lizkeogh.com/embracing-uncertainty/> , 2013b

Matts, Chris and Olav Maasen, "Real Options Underlie Agile Practices",  
<http://www.infoq.com/articles/real-options-enhance-agility> , InfoQ, 2007

Scott, Alister, "Yet Another Software Testing Pyramid",  
<http://watirmelon.com/2011/06/10/yet-another-software-testing-pyramid/> , 2011b

### **Story Slicing**

Patterns for splitting stories, Richard Lawrence  
<http://www.agileforall.com/2009/10/patterns-for-splitting-user-stories/>

### **Domain-specific language and guiding coding with tests:**

Fowler, Martin, *Domain-Specific Languages*, Addison-Wesley, 2011

Adzic, Gojko, *Specification by Example: How Successful Teams Deliver the Right Software*, Manning, 2011

Chelimksy, David et al, *The RSpec Book: Behaviour-Driven Development with RSpec, Cucumber, and friends*, Pragmatic Bookshelf, 2010

Gärtner, Markus, *ATDD By Example: A Practical Guide to Acceptance Test-Driven Development*, Addison-Wesley, 2012a

Keogh, Liz, "Behaviour-Driven Development",  
<http://www.slideshare.net/lunivore/behavior-driven-development-11754474> , 2012

North, Dan, "Introducing BDD", <http://dannorth.net/introducing-bdd/> , Better Software, 2006

### **Continuous Delivery, DevOps, infrastructure to support testing:**

Humble, Jez and David Farley, *Continuous Delivery: Reliable Software Releases through Build, Test and Deployment Automation*, Addison-Wesley, 2010

Humble, Jez, "There's no such thing as a DevOps Team",  
<http://continuousdelivery.com/2012/10/theres-no-such-thing-as-a-devops-team/> , 2012

Hüttermann, Michael, *DevOps for Developers: Integrate Development and Operations, the Agile Way*, aPress, 2012

Sanchez, Carlos, Presentations on DevOps and Infrastructure Testing:  
<http://www.slideshare.net/carlossg/presentations> , 2013

Sweets, Tony, "Virtual Hudson Continuous Build Environments: Out with the Old",  
<http://www.stickyminds.com/article/virtual-hudson-continuous-build-environments-out-old> , StickyMinds, 2011