Let's Test Conference

May 2012

@huibschoots

"Testers don't have to be second class. Hire and train your staff appropriately so that they fulfill the needs required."

Johanna Rothman

Great
Testers?

"I've never read a book on brain surgery"

The Nine Forgettings

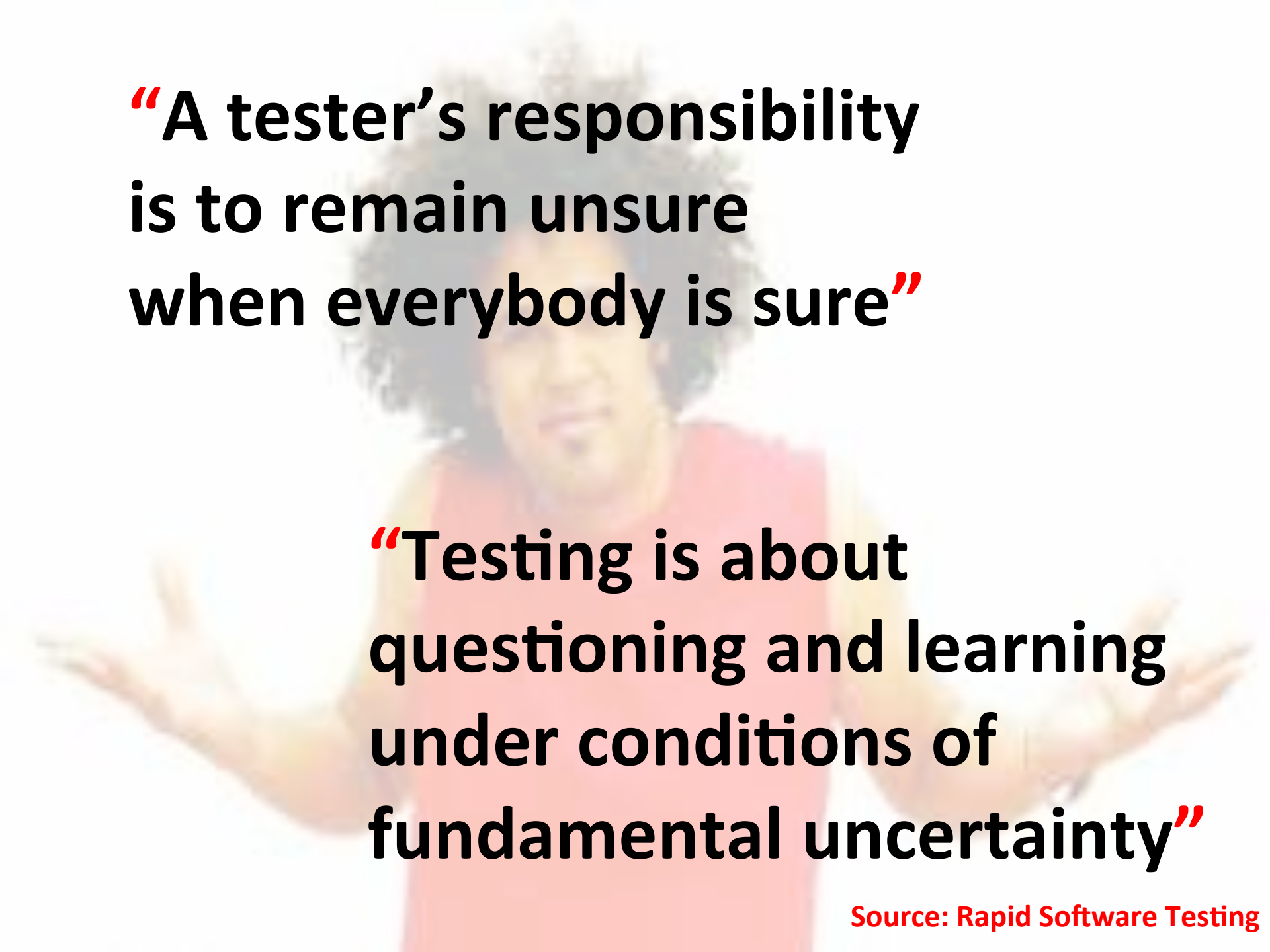
Lee Copeland
lee@sqe.com

“I am in this work for ten years now!!”

- Don’t confuse experience with expertise.

1. Attitude & Passion
2. Competencies & skills:
   - Thinking: critical, conceptual, systems
   - Testing: tools, techniques and methods
   - Proactive
   - Collaboration skills
   - Communication skills
   - Social and emotional skills
   - Quick learning & asking questions

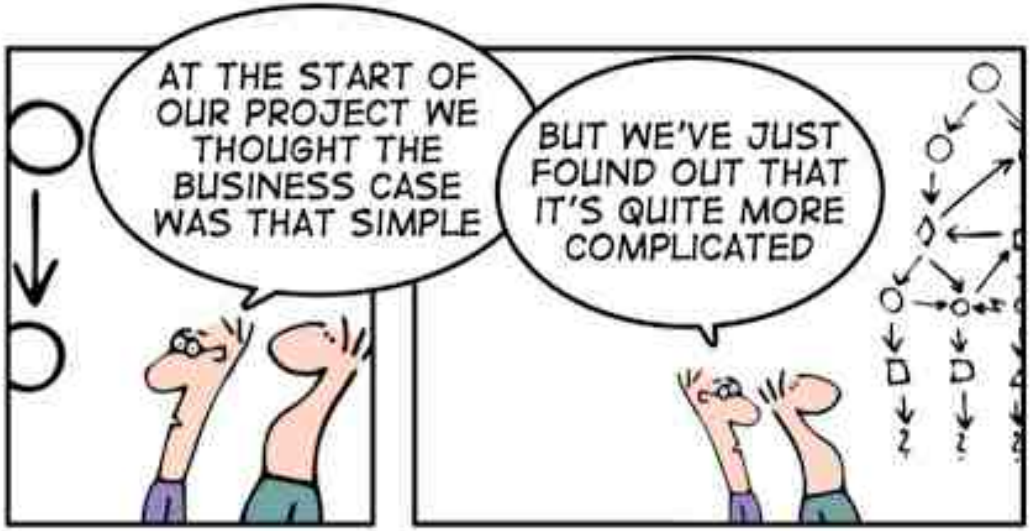
But what about knowledge?



"A tester's responsibility
is to remain unsure
when everybody is sure"

"Testing is about
questioning and learning
under conditions of
fundamental uncertainty"

Source: Rapid Software Testing



"a tester knows that things can be different"

(Jerry Weinberg)

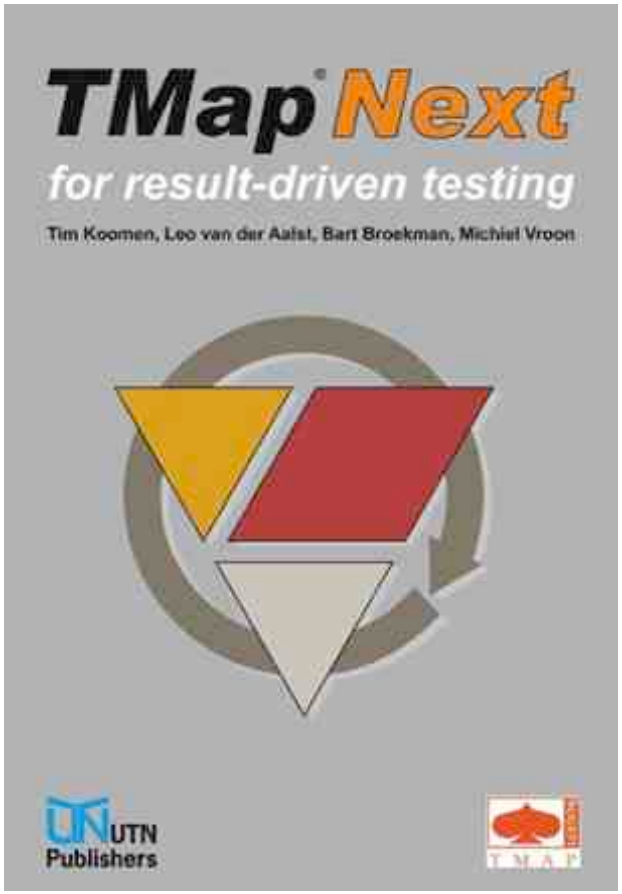
"a good tester is able to see the complexity of things that seem simple and the simplicity of things that appear complex."

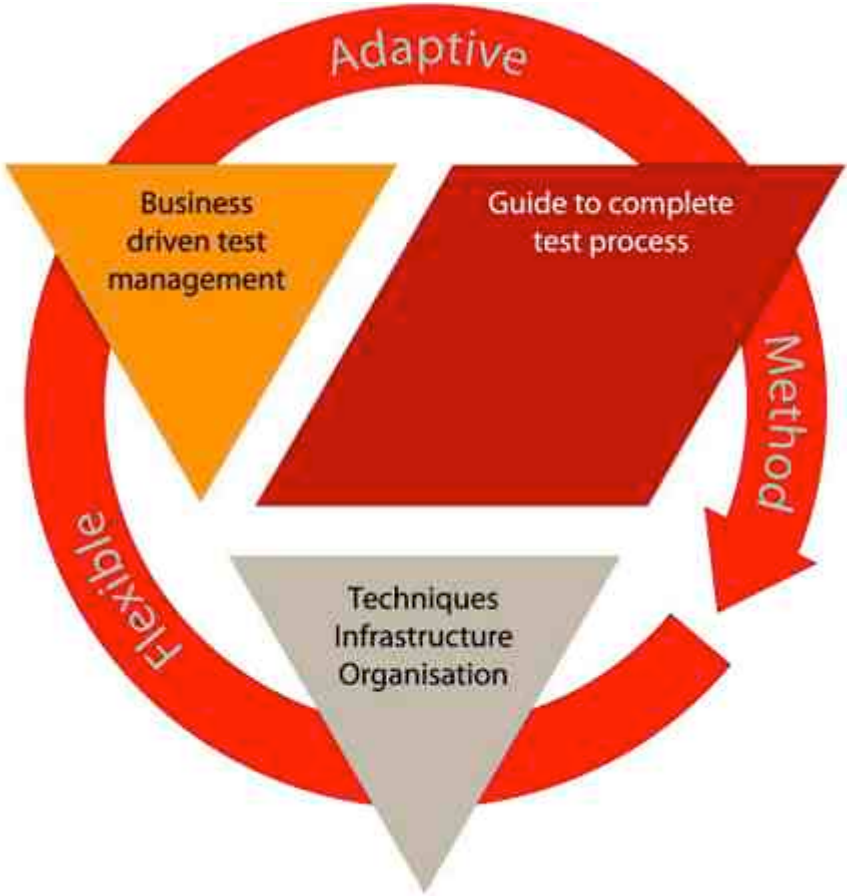
(Michael Bolton)

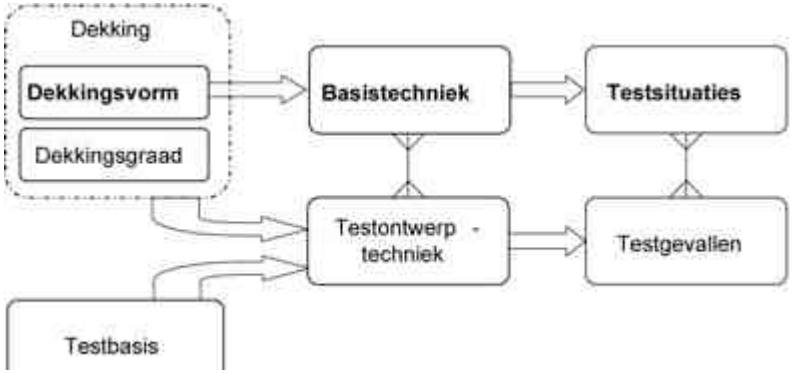
Becoming a better tester

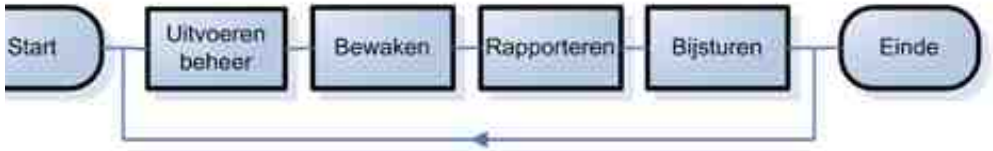
1. Adapt to the context
2. Collaborate
3. Learn & practice

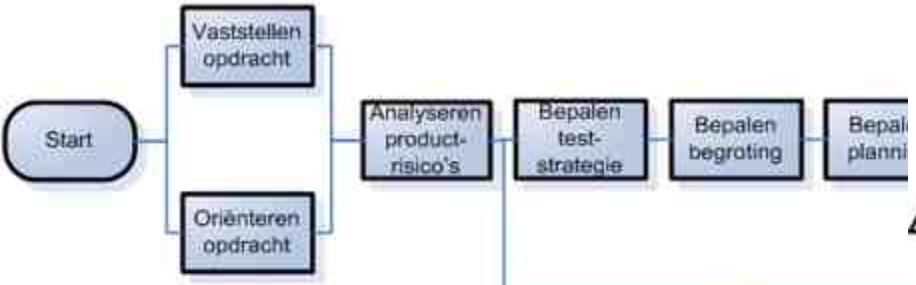
Adapt
to
Context

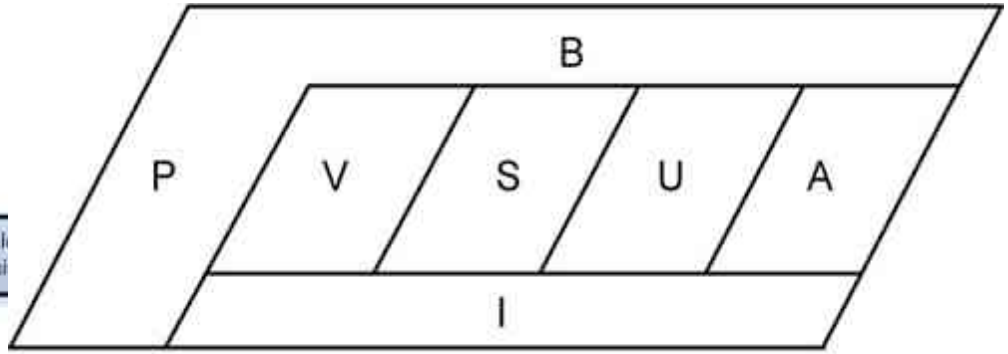

TMap Next
for result-driven testing
Tim Koomen, Leo van der Aalst, Bart Broekman, Michiel Vroon
UTN
Publishers

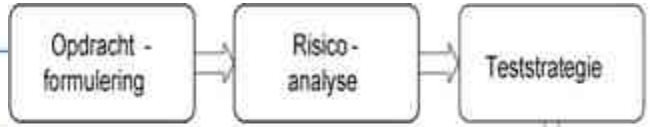

Adaptive
Business
driven test
management
Guide to complete
test process
Method
Techniques
Infrastructure
Organisation
Flexible

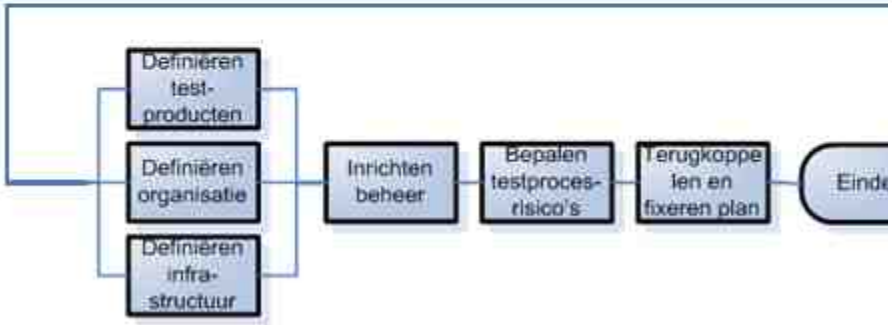


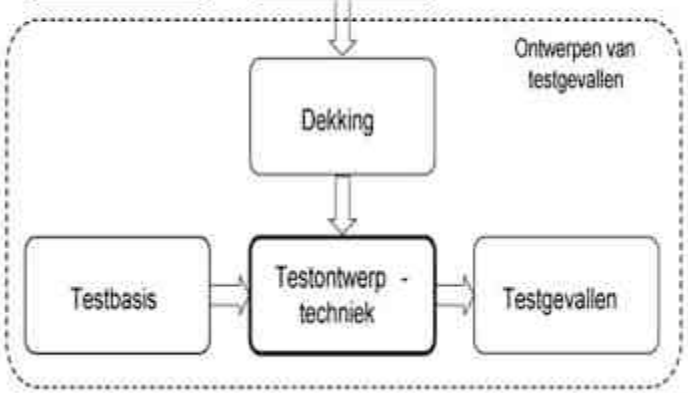












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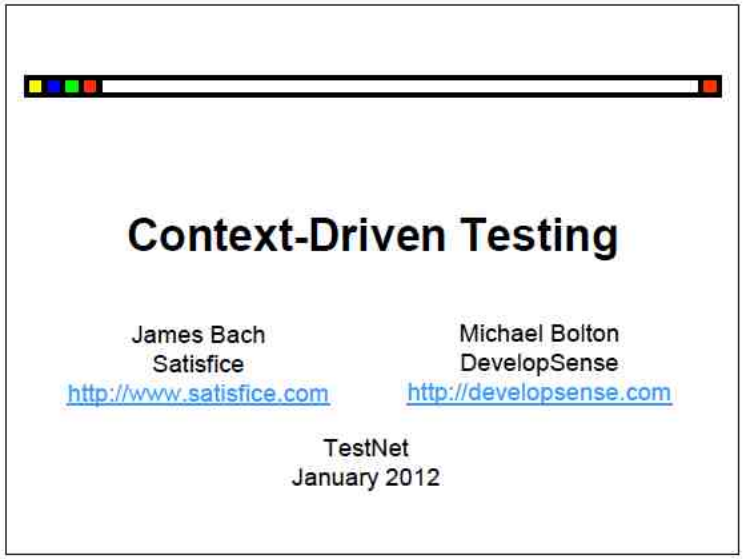
1.THE VALUE OF ANY PRACTICE DEPENDS ON ITS CONTEXT. 2.THERE ARE GOOD PRACTICES IN CONTEXT, BUT THERE ARE NO BEST PRACTICES. 3.PEOPLE WORKING TOGETHER, ARE THE MOST IMPORTANT PART OF ANY PROJECTS CONTEXT. 4. PROJECTS UNFOLD OVER TIME IN WAYS THAT ARE OFTEN NOT PREDICTABLE. 5.THE PRODUCT IS A SOLUTION. IF THE PROBLEM ISN'T SOLVED, THE PRODUCT DOESN'T WORK. 6.GOOD SOFTWARE TESTING IS A CHALLENGING INTELLECTUAL PROCESS. 7.ONLY THROUGH JUDGMENT AND SKILL, EXERCISED COOPERATIVELY THROUGHOUT THE ENTIRE PROJECT, ARE WE ABLE TO DO THE RIGHT THINGS AT THE RIGHT TIMES TO EFFECTIVELY TEST OUR PRODUCTS.

Context Driven Testing

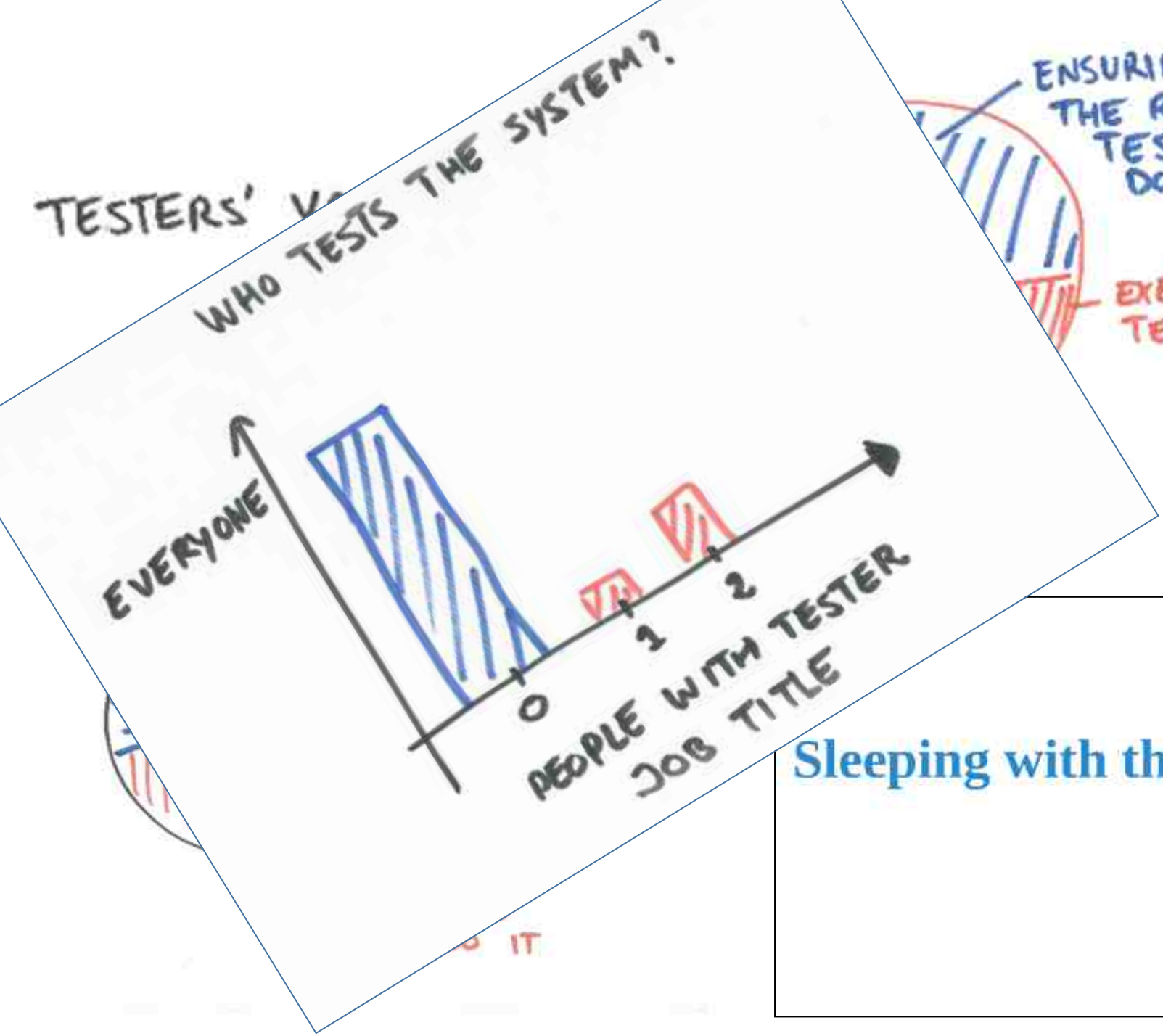
www.context-driven-testing.com

"Context-driven testing" means that to be effective, testing must consider context first.



Collaborate

Being passionate is
contagious



Sleeping with the enemy

Gojko Adzic
http://gojko.net
@gojkoadzic

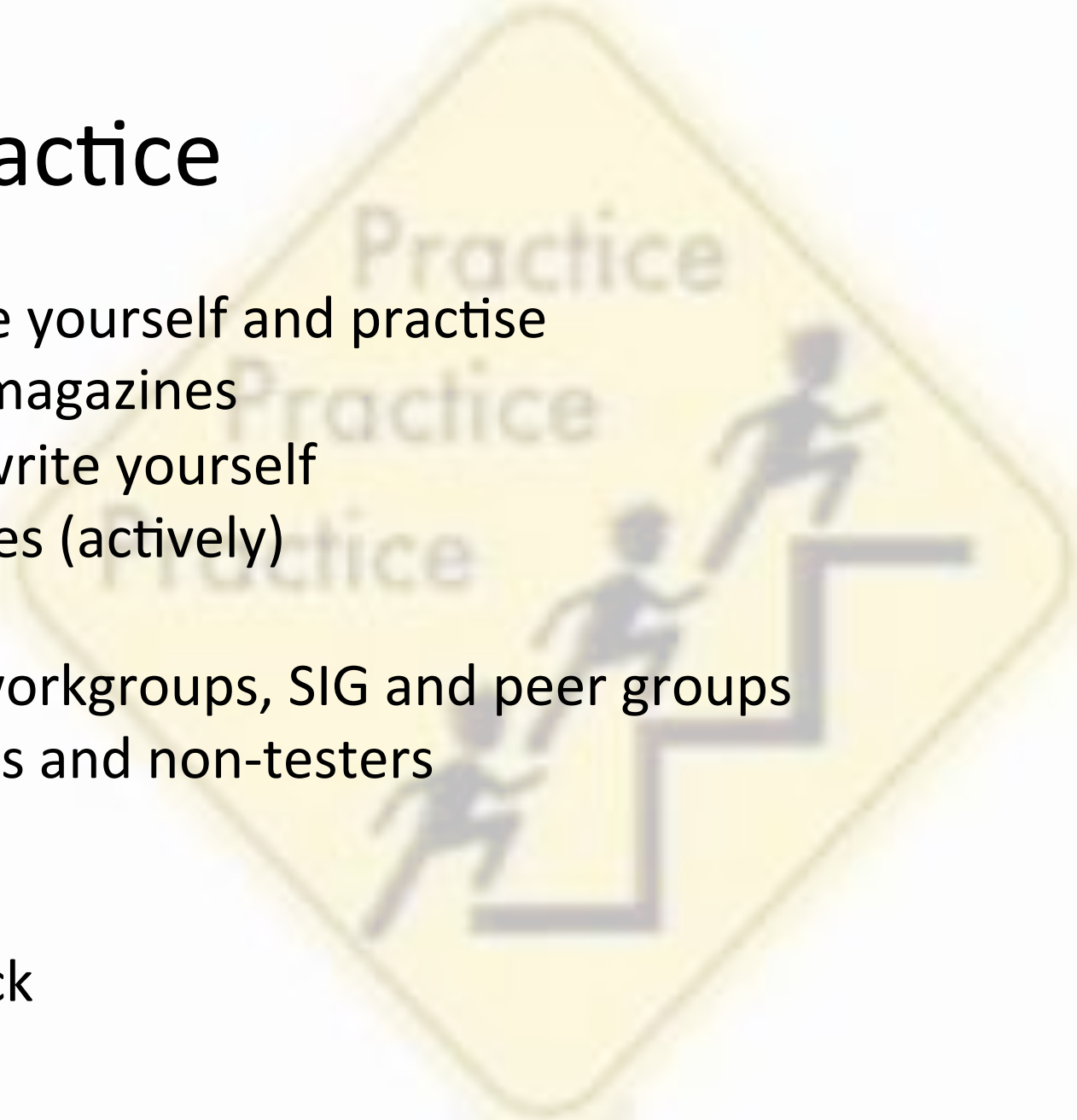
Testing
is a
team sport!

System
Development
is a
team sport!

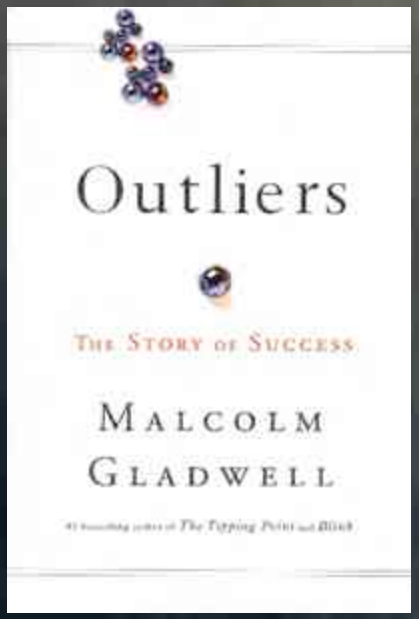
Learn
&
Practice

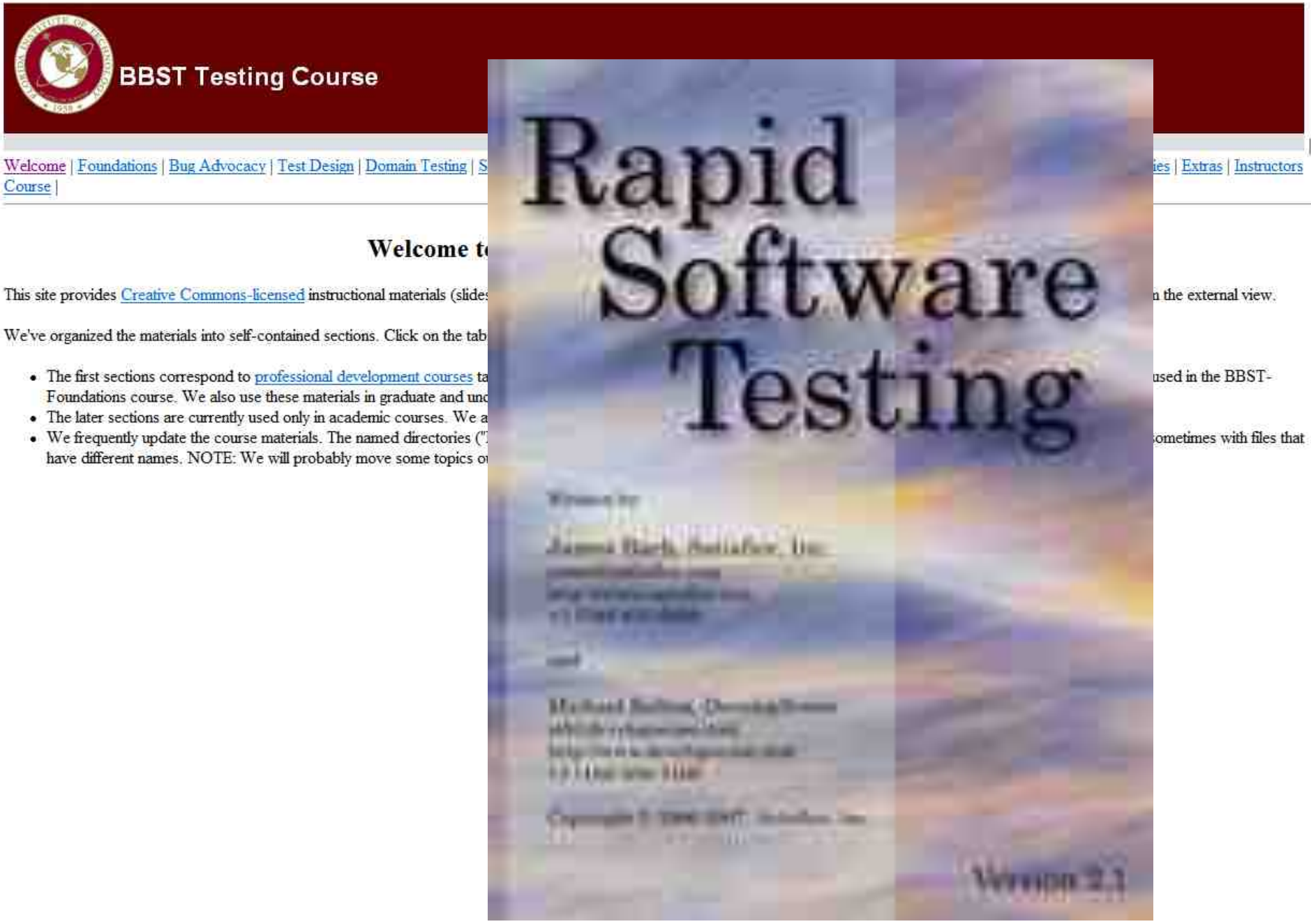
Learn & practice

- Train, challenge yourself and practise
- Read books & magazines
- Read blogs or write yourself
- Visit conferences (actively)
- Watch videos
- Participate in workgroups, SIG and peer groups
- Pair with testers and non-testers
- Try tooling
- (Get a) coach
- Ask for feedback



10,000 hours to perfection*

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Course |
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This site provides Creative Commons-licensed instructional materials (slides
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We've organized the materials into self-contained sections. Click on the tab
• The first sections correspond to professional development courses ta
used in the BBST-
Foundations course. We also use these materials in graduate and und
• The later sections are currently used only in academic courses. We a
• We frequently update the course materials. The named directories ("
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have different names. NOTE: We will probably move some topics o
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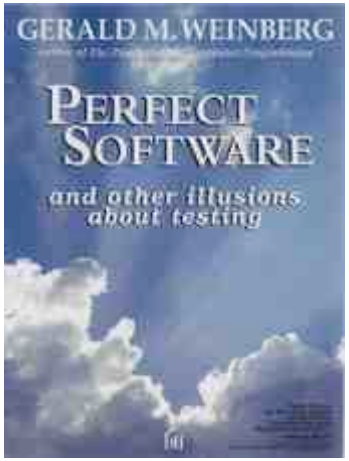
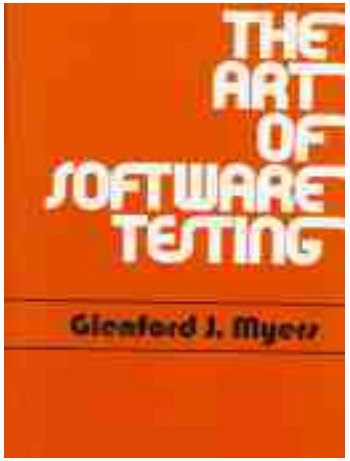
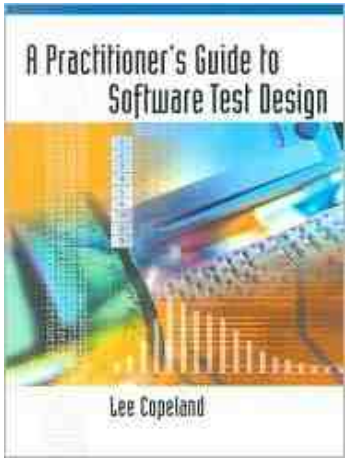
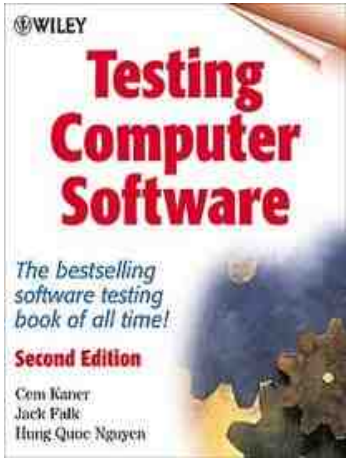
Version 2.1

Lessons Learned in SOFTWARE TESTING

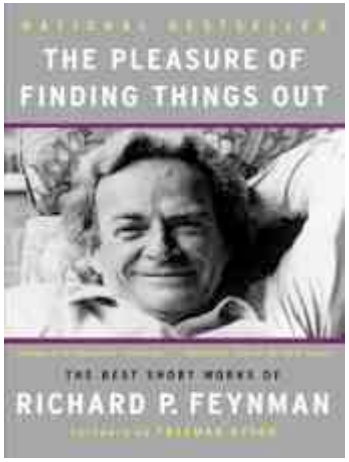

GERALD M. WEINBERG
PERFECT SOFTWARE
and other illusions about testing

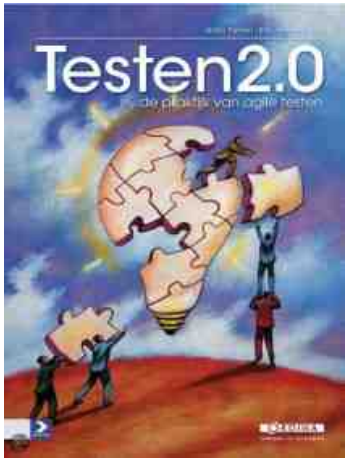

THE ART OF SOFTWARE TESTING
Glenford J. Myers

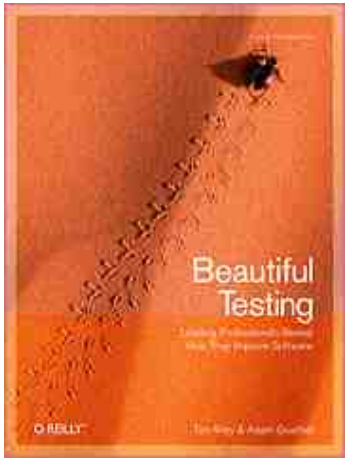

A Practitioner's Guide to Software Test Design
Lee Copeland

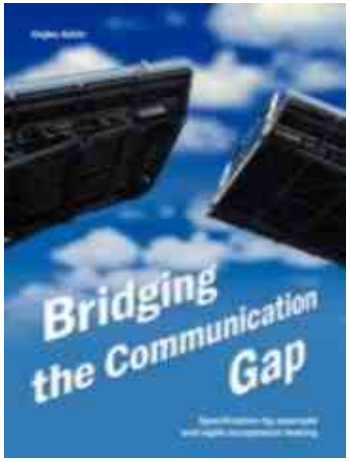

WILEY
Testing Computer Software
The bestselling software testing book of all time!
Second Edition
Cem Kaner
Jack Falk
Hung Quoc Nguyen

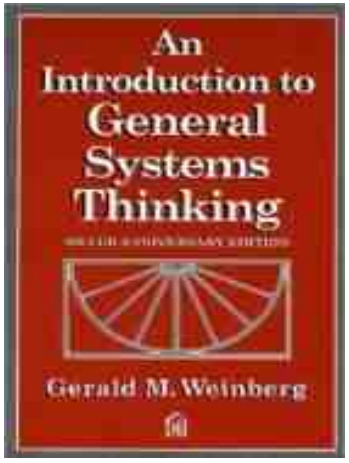
AGILE TESTING

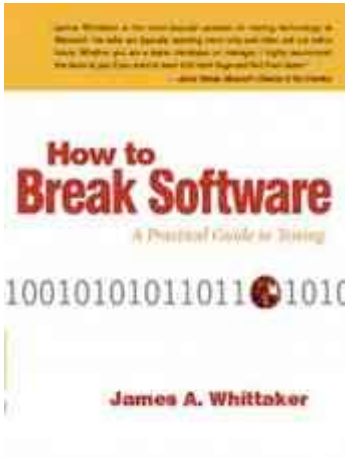

THE PLEASURE OF FINDING THINGS OUT
THE BEST SHORT WORKS OF
RICHARD P. FEYNMAN

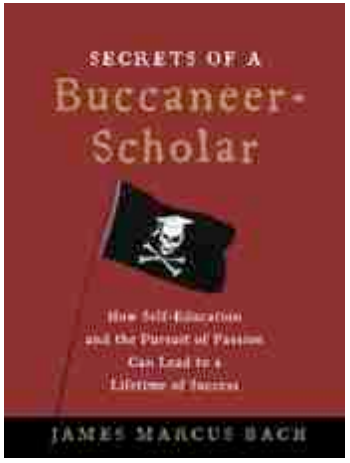

Testen2.0

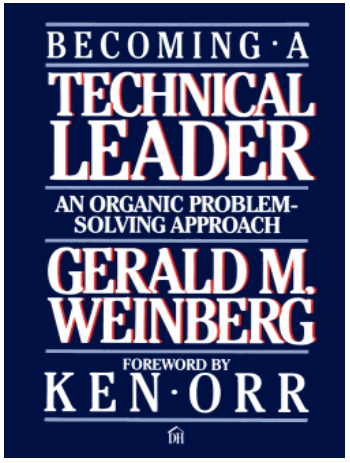

Beautiful Testing
O'REILLY


Bridging the Communication Gap

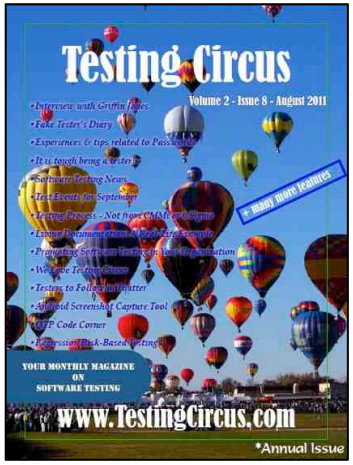

An Introduction to General Systems Thinking
Gerald M. Weinberg


How to Break Software
A Practical Guide to Testing
James A. Whittaker


SECRETS OF A Buccaneer-Scholar
JAMES MARCUS BACH


BECOMING A TECHNICAL LEADER
AN ORGANIC PROBLEM-SOLVING APPROACH
GERALD M. WEINBERG
FOREWORD BY
KEN ORR

TEST
ESSENTIAL SOFTWARE TEST DESIGN
BY TORBJÖRN RYBER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• Software Testing News
• Test Events in September
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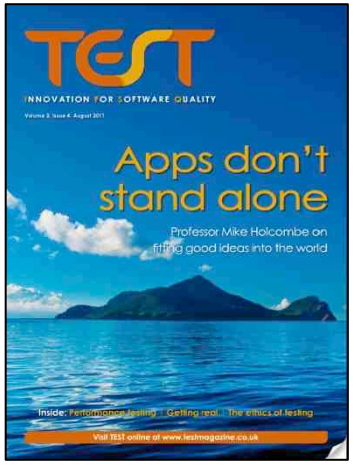
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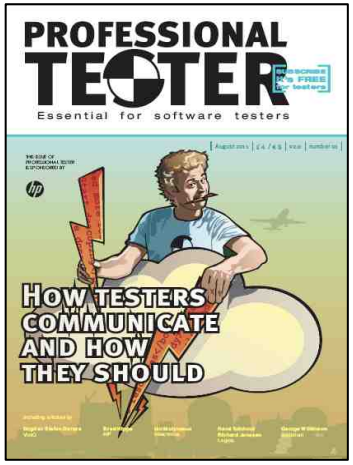
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Essential for software testers
HOW TESTERS COMMUNICATE AND HOW THEY SHOULD

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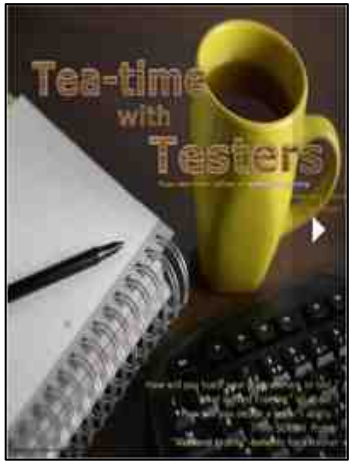
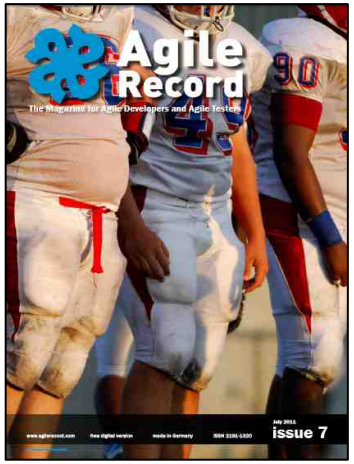
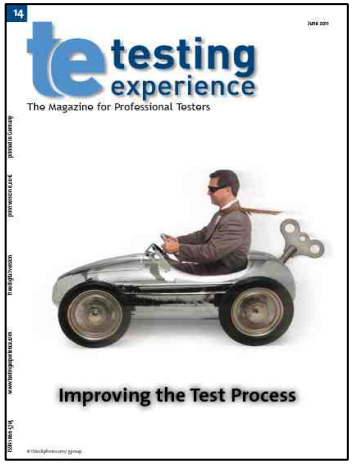

Tea-time with Testers


Agile Record
The Magazine for Agile Developers and Agile Testers
issue 7


14
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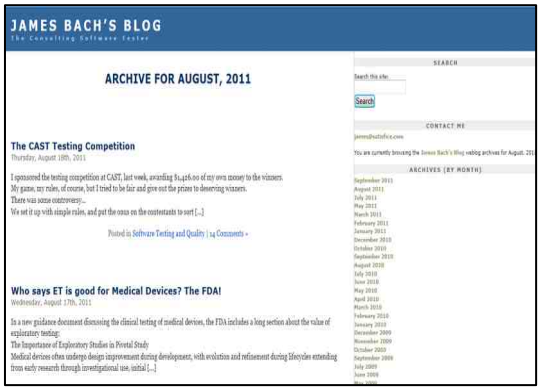
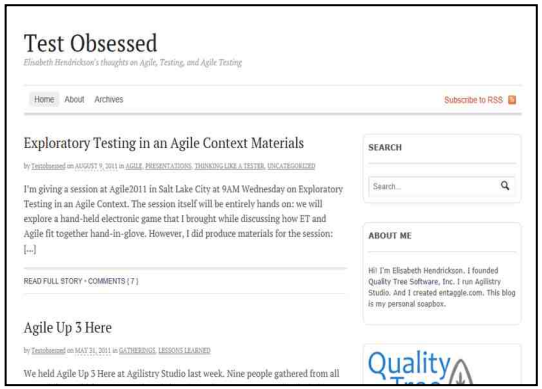
The Magazine for Professional Testers
Improving the Test Process

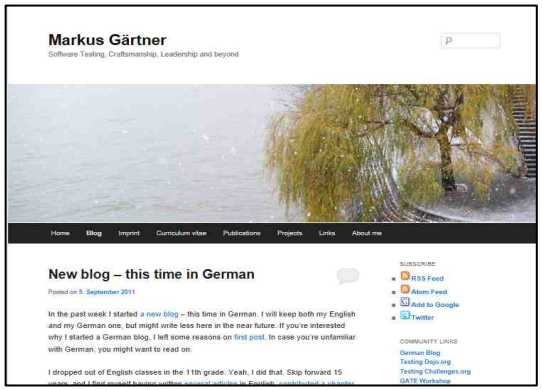
DevelopSense
Michael Bolton
Can You Test a Clock in a Sealed Box?
I Reject His Argument: A Buffet of Logical Fallacies

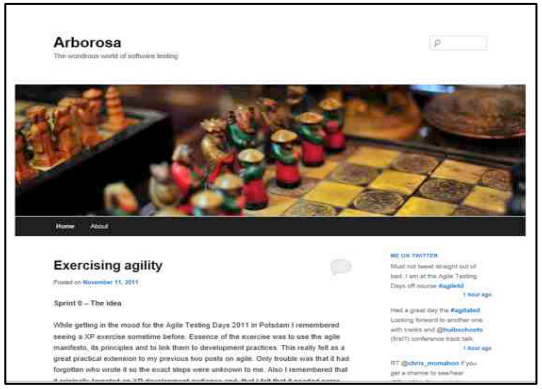

JAMES BACH'S BLOG
ARCHIVE FOR AUGUST, 2011
The CAST Testing Competition
Who says ET is good for Medical Devices? The FDA!

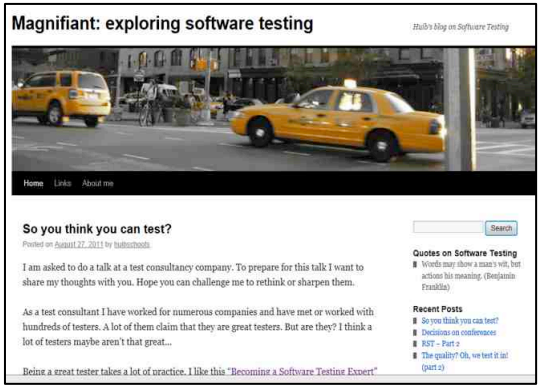

Test Obsessed
Exploratory Testing in an Agile Context Materials
Agile Up 3 Here

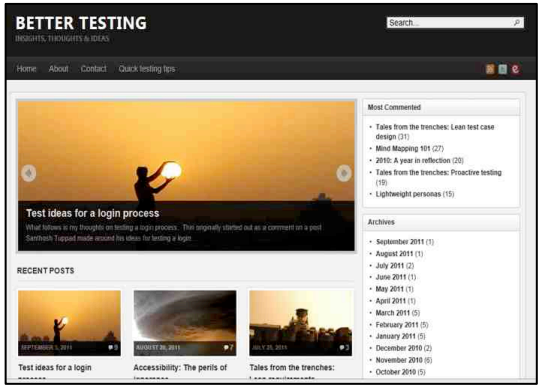
GOJKO ADZIC
Spec by Example workshop in London – March 15-16
Delivering effectively in the age of internet: slides and links

Agile Testing with Lisa Crispin
Providing Practical Agile Testing Guidance
The Clean Coder (and Tester!)
Lisa Crispin
Agile Testing Course Info
Interview with Simon Baker


Markus Gärtner
Software Testing, Craftsmanship, Leadership and beyond
New blog – this time in German


Arborosa
Exercising agility


Magnifiant: exploring software testing
So you think you can test?


BETTER TESTING
Test ideas for a login process

Magnifiant: exploring software testing

Huib's blog on Software Testing

So you think you can test?

Posted on August 27, 2011 by huibschoots

I am asked to do a talk at a test consultancy company. To prepare for this talk I want to share my thoughts with you. Hope you can challenge me to rethink or sharpen them.

As a test consultant I have worked for numerous companies and have met or worked with hundreds of testers. A lot of them claim that they are great testers. But are they? I think a lot of testers maybe aren't that great...

Being a great tester takes a lot of practice. I like this "Becoming a Software Testing Expert"

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"The Thinking Tester"
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2012
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Agile TESTING DAYS
November 19-22, 2012
In Potsdam (near Berlin), Germany
czech test
test automation day
1e editie | 23 juni 2011
maximaal rendement uit
de nieuwe generatie testtools
Dutch Testing Conference

ØREDEV
HOME
PARTNERSHIP
ABOUT US
2009 Session: What Not To Test!
Friday, 15:35 - 16:25
Track: Test
Video
What not to Test! - Robert Sabourin
EuroSTAR Virtual Conference
WORLD CLASS SPEAKERS. 1 DAY
James Lyndsay
Workroom Productions Ltd.
Alan Page
Microsoft
Alan Richardson
Compendium Developments
peers, get the latest testing solutions...
16 May 2012
Leading Business Testers
Session Based Testing in Practice
Full Webinar Archive
Webinar 41: Agile Test Management
Fran O'Hara (26th May)
James Bach
Software Testing Club
a community for software testers
All Videos
My Videos
Add
Featured Videos
A Licence to Test - TeamStar
Open Lecture by James Bach on Software Testing
Selenium IDE for UI testing of web applications
The Sole Tester in an Organisation
Testing Personas
VIDEOS
HOME
ABOUT
Grant Program
Newsletter
Articles
Book Store
Tim Lister's Keynote (CAST 2010)
"We Need It Before The End Of The Year: What's Your Estimate?"

Testing Dojos Craftsmanship in Software Testing

Miagi-Do School of Software Testing

weekend Testing test learn contribute

Testing Challenges

Welcome to Testing Challenges

This is a collection of testing challenges from varying sources.

Challenges

Are you a good notetaker?ټ (cache)
A step into a Brave New World
A test for India
A Tour through Europe
A Wiki in your Pocket
Battle of the Url Shorteners
Beam Me Up
Blind as a Bat
Brainstorm Testing Ideas
Bring Planetarium Home
Brokerage
Bug Hunters
Bugs under the Magnifying Glass
Charter my Brain
Cheat Sheet for Support Team
Coherent Ideas
Combination Lock
Conferences are for Conferring

bcs The Chartered Institute for IT
Enabling the information society

Home | Join

Qualifications, Training, Careers | Membership and Networking | Opinion, Ne

Your location: Membership and Networking > Our Groups > Specialist Group in Software Tes

Back to Our Groups

- Specialist Group in Software Testing
- About the Group
- How to Join
- Conferences

Specialist Group in Software Testing

Welcome to the SIGIST website.

With over 2500 people registered on our database, the Special Testing (SIGIST) is one of the largest in the BCS.

We organise SIGIST Conferences four times a year in Central conferences are an ideal opportunity to hear high-quality speak

Association for Software Testing ast

HOME ABOUT TRAINING CONFERENCE

SPECIAL INTEREST GROUPS (SIG)

Membership | Volunteering | Governance | Board of Directors | Workshops (LAWST) | Special Interest

Special Interest Groups (SIGs) are groups formed by AST members with a desire to pursue significant, long-term activity in an area of interest to the Association. As a member you are invited to join existing SIG or propose a new one. All SIGs are self supporting and AST currently has the following Special Interest Groups (SIGs).

Tester Education

AST's Education SIG had a busy agenda for the annual meeting at CAST. Some of the major announcements at CAST included:

Home | My Page | Community | Resources | The Testing Planet | The Crowd | Ministry of Testing | Blog | Ab

Software Testing Club
a community for software testers

All Groups | My Groups | +

Featured Groups

Testing Tools Discussion
35 members

EuroSTAR 2011
10 members

Learned Society
10 members

Security Testing
52 members

Testers on Google+
93 members

TEST NET

Startpagina | Evenementen | Bibliotheek | Werkgroepen | Contact

- Agile Testen
- Business Intelligence Testen
- ISO 29119
- Ketentesten
- Metrieken
- Model Based Testen
- Privacy en Testdata
- Product Risico Analyse
- Software Testers Benchmark

Werkgroepen

De kennisuitwisseling die TestNet voor ogen staat, krijgt onder andere gestalte in de vorm van werkgroepen. Een werkgroep bestaat uit een groep leden, die zich richt op een specifiek testonderwerp. Het bestuur speelt een stimulerende rol bij de oprichting van werkgroepen. Na de oprichting bepaalt een werkgroep zelf wat haar doelstellingen zijn en op welke wijze deze worden bereikt. De in de werkgroep opgedane kennis wordt zo veel mogelijk met de rest van de vereniging gedeeld.

Algemeen

De doelstelling van de werkgroepen is kennisdeling. Het is niet alleen zeer leerzaam door met een aantal vakgenoten een testgerelateerd onderwerp u heel leuk om eens op een andere manier met het vakgebied testen bezig te zijn. Het is de b sessies toe te werken naar een resultaat dat deelbaar is met de andere TestNet leden om zo te professionaliseren. Niet alleen uit de theorie, maar juist ook vanuit de praktijk!

Peer workshops

DEWT

Dutch Exploratory Workshop on Testing

Context Driven Testing @ TestNet

Posted on February 9, 2012 by Ray Oei

Last month DEWT organized a theme evening at TestNet, who graciously provided us with a conference room (a big one!) at the Nieuwegein Business Centre. More than 150 people attended this evening.

Search

Recent Posts

- Context Driven Testing @ TestNet
- Zeger van Hese – Programme Chair, EuroSTAR 2012
- New in the Blogosphere
- TestNet with Michael Bolton and James Bach
- Some reading...

Recent Comments

Ray Oei on DEWT's

Joep Schuurkes on DEWT's

pascaldufour on First DEWT peer conference on ...

Simon Morley on DEWT is born....

Michel Kraaij on DEWT is born....

Canadian Workshops

(POST) Calgary Perspectives on Software Testing

(TWST) Toronto Workshop on Software Testing

(WWST) Waterloo Workshop on Software Testing

European Workshops

(DEWT) Dutch Exploratory Workshop on Testing

(GATE) German Agile Testing and Exploratory Workshop

(SWET) Swedish Workshop on Exploratory Testing

Other Resources

The LAWST Facilitation Method - a blog post

The LAWST Handbook

U.S. Workshops

(AWTA) Austin Workshop on Test Automation

(IWST) Indianapolis Workshops on Software Testing

(STIFS) 7 - Software Testing in Financial Services

(WOPR) The Workshop on Performance and Reliability

(WREST) Workshop on Regulated Software Testing

(WTST) Workshop on Teaching Software Testing

Pair!
Developers - Testers - Users - Business Analysts - Architects - Project Managers -

Most popular

Canoo WebTest
Selenium
WatiN
Watir

Quick links

Abbot Java GUI Test Framework
ABI Compliance Checker
Anteater
Apodora
Arbiter
Autonet
AutoTestFlash
Avignon
Blerby Test Runner

Functional test tools (108 found)

Abbot Java GUI Test Framework

Description:

The Abbot framework provides automated event generation and validation of Java GUI components, improving upon the very rudimentary functions provided by the java.awt.Robot class (A Better 'Bot). The framework may be invoked directly from Java code or accessed without programming through the use of scripts. It is suitable for use both by developers for unit tests and QA for functional testing.

Requirement:

TBC

Download data:

Downloadable files: 93251 total downloads to date

ABI Compliance Checker

Description:

A tool for checking backward binary compatibility of a shared C/C++ library. It analyze
problems: changes in call stack, v-table changes, removed interfaces, etc.

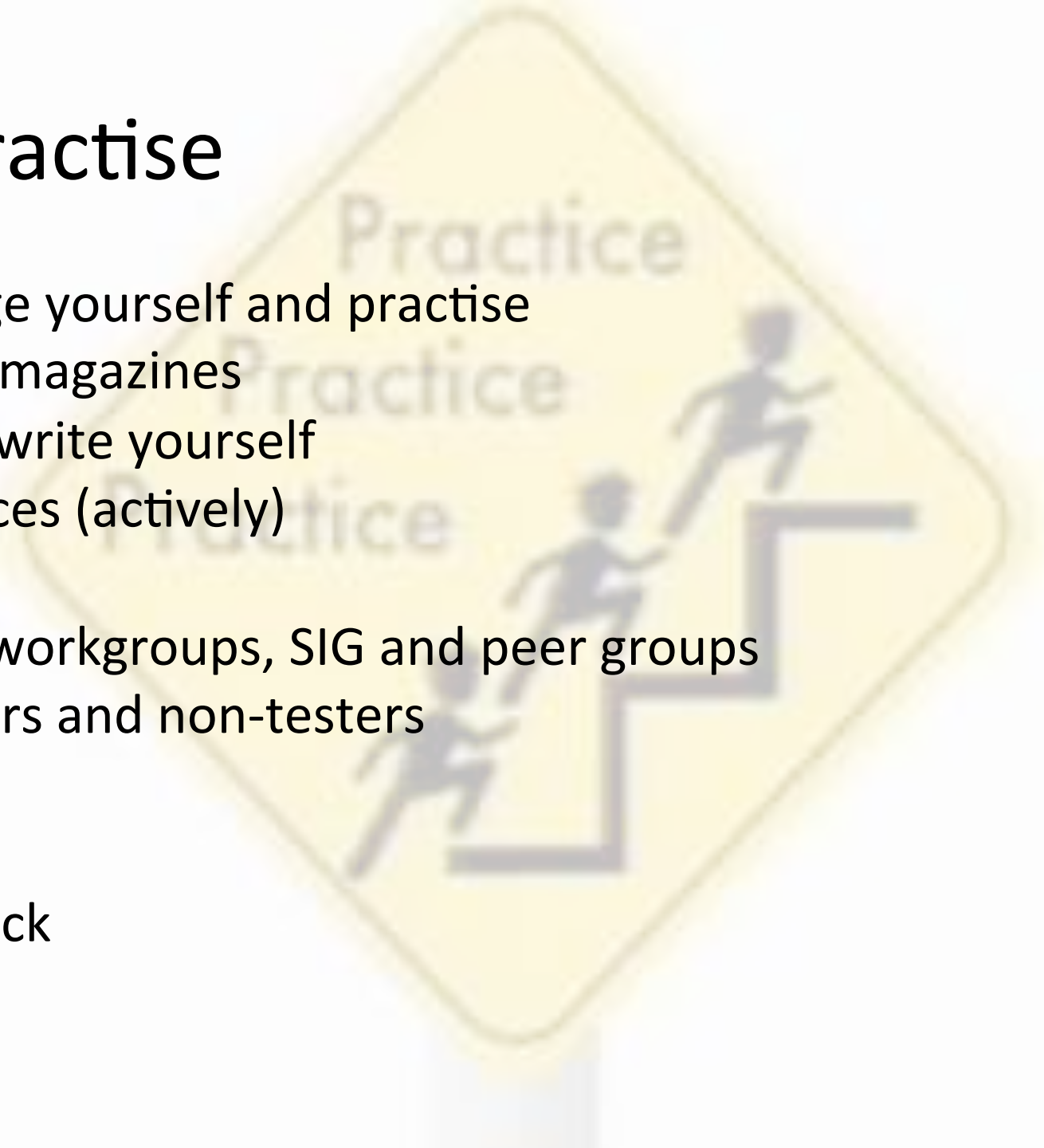
Requirement:

ASR
ASR

- [x] Excellent
- [ ] Very good
- [ ] Good
- [ ] Average
- [ ] Poor

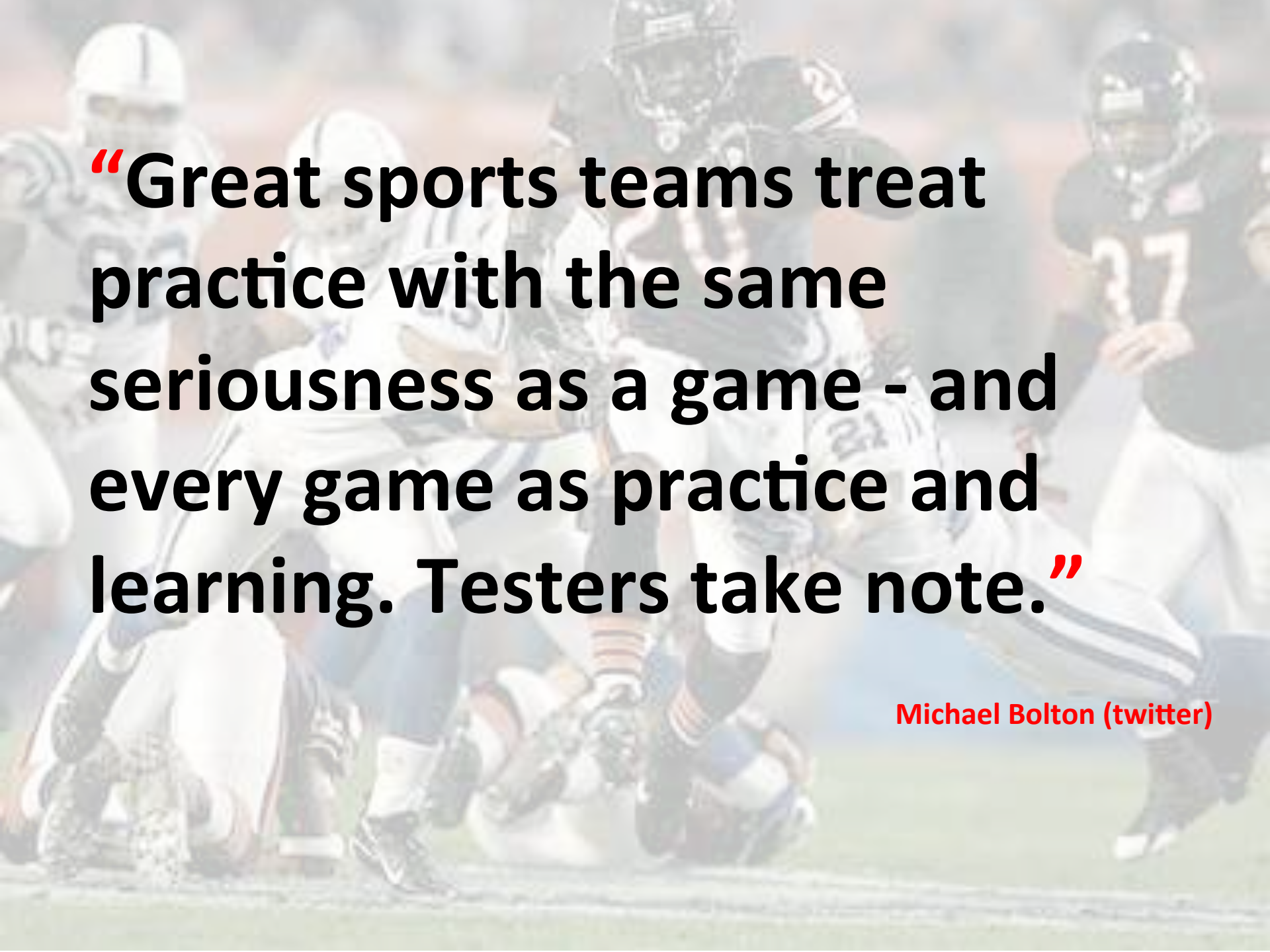
Learn & practise

- Train, challenge yourself and practise
- Read books & magazines
- Read blogs or write yourself
- Visit conferences (actively)
- Watch videos
- Participate in workgroups, SIG and peer groups
- Pair with testers and non-testers
- Try tooling
- Get a coach
- Ask for feedback



Becoming a better tester

1. Adapt to the context
2. Collaborate
3. Learn & practice



"Great sports teams treat practice with the same seriousness as a game - and every game as practice and learning. Testers take note."

Michael Bolton (twitter)

Want to learn more??

Find the resource lists at these websites:

http://www.magnifiant.com

http://dewt.wordpress.com

Questions ?

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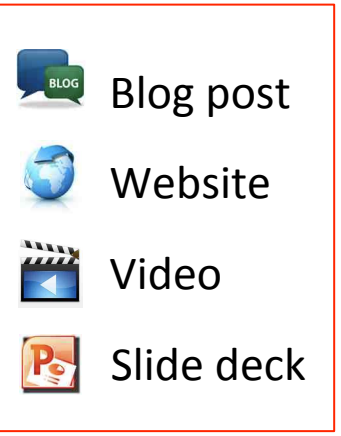
huib.schoots@gmail.com

+31 (0)6 - 24641033

Links from this presentation



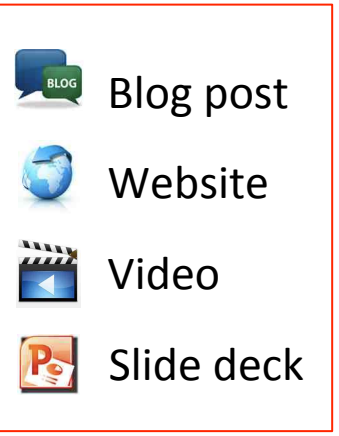
Slide 3: No more second class testers (Johanna Rothman)
http://www.jrothman.com/2004/01/no-more-second-class-testers/

Slide 5: The nine forgettings (Lee Copeland)
http://video.google.com/videoplay?docid=311308005575436115
http://www.bcs.org/upload/pdf/nine-forgettings.pdf

Slide 6: Becoming a Software Testing Expert (James Bach)
http://www.youtube.com/watch?v=3FTwaojNkXw&feature=relmfu
http://www.satisfice.com/presentations/bste.pdf

Slide 7: Passion (Steve Jobs)
http://www.youtube.com/watch?v=gxmw55Jh4BI

Slide 15: Context-Driven Testing (Michael Bolton & James Bach)
http://dewt.wordpress.com/2012/02/09/context-driven-testing-testnet/



Slide 18: Sleeping with the enemy (Gojko Adzic)

http://gojko.net/2011/05/04/sleeping-with-the-enemy-stareast-keynote-slides/

http://oredev.org/2011/sessions/sleeping-with-the-enemy

Slide 22: 10.000 hour rule (Malcolm Gladwell):

http://www.youtube.com/watch?v=Kq2n1Jlx5P0

Slide 23: BBST & RST Training

BBST: http://www.associationforsoftwaretesting.org/training/courses/

BBST material: http://www.testingeducation.org/BBST/

Rapid Software Testing: http://www.satisfice.com/info_rst.shtml

Slide 24: Books

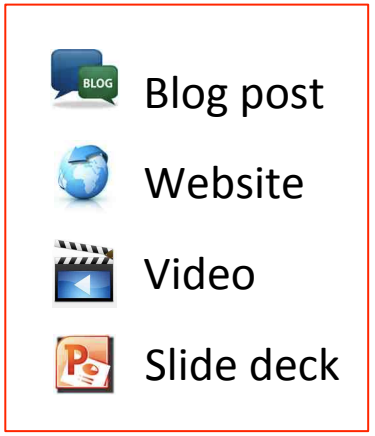
http://www.huibschoots.nl/wordpress/?page_id=441

Slide 25: magazines

http://simonsaysnomore.wordpress.com/2011/09/11/free-magazines/

Slide 26: Blogs

http://www.huibschoots.nl/wordpress/?page_id=31



Slide 29: Videos & online conferences

- Software Testing Club: http://www.softwaretestingclub.com/video
- Oredev: http://oredev.org/
- EuroStar: http://www.eurostarconferences.com/
- CAST: http://www.associationforsoftwaretesting.org/conference/

Slide 30: Practice

- Weekend testing: http://weekendtesting.com/
- Testing Dojo: http://www.testingdojo.org/
- Testing Challenges: http://www.testing-challenges.org

Slide 31: SIG

- TestNet: http://www.testnet.org/werkgroepen.html (Dutch)
- AST: http://www.associationforsoftwaretesting.org/about/sigs/
- Software Testing Club: http://www.softwaretestingclub.com/
- SIGIST: http://www.bcs.org/category/9262

Slide 32: Peer workshops

- DEWT: http://dewt.wordpress.com/
- LEWT: http://www.workroom-productions.com/LEWT.html
- SWET: http://testers-headache.blogspot.com/2010/10/swedish-workshop-on-exploratory-testing.html
- LAWST: http://lawst.com/ (here are a lot of links to other Peer Workshops)