Czech Test

March 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?

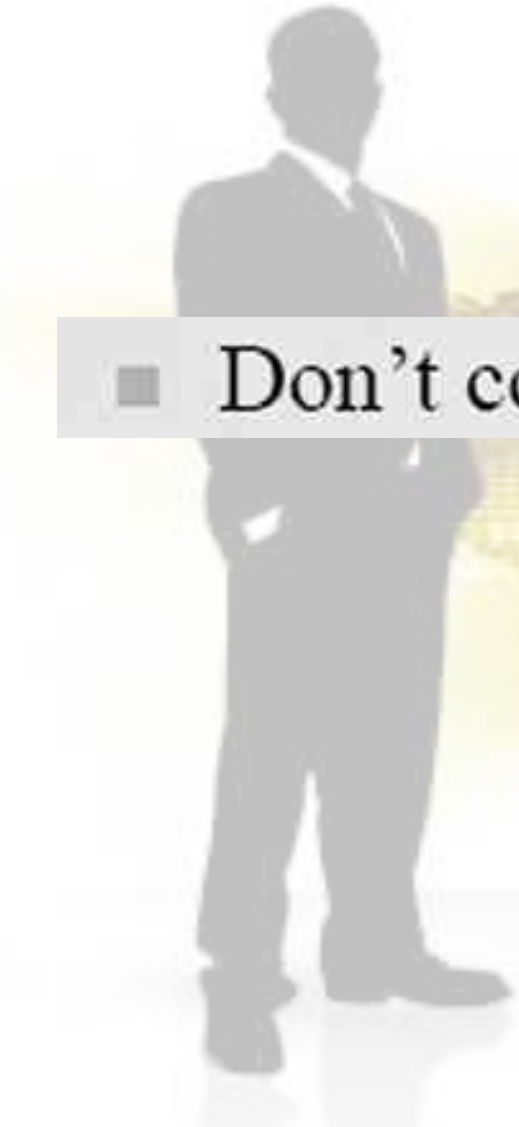
"I've never read a book on brain surgery"

The Nine Forgettings

Lee Copeland
lee@sqe.com

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

- Don’t confuse experience with expertise.

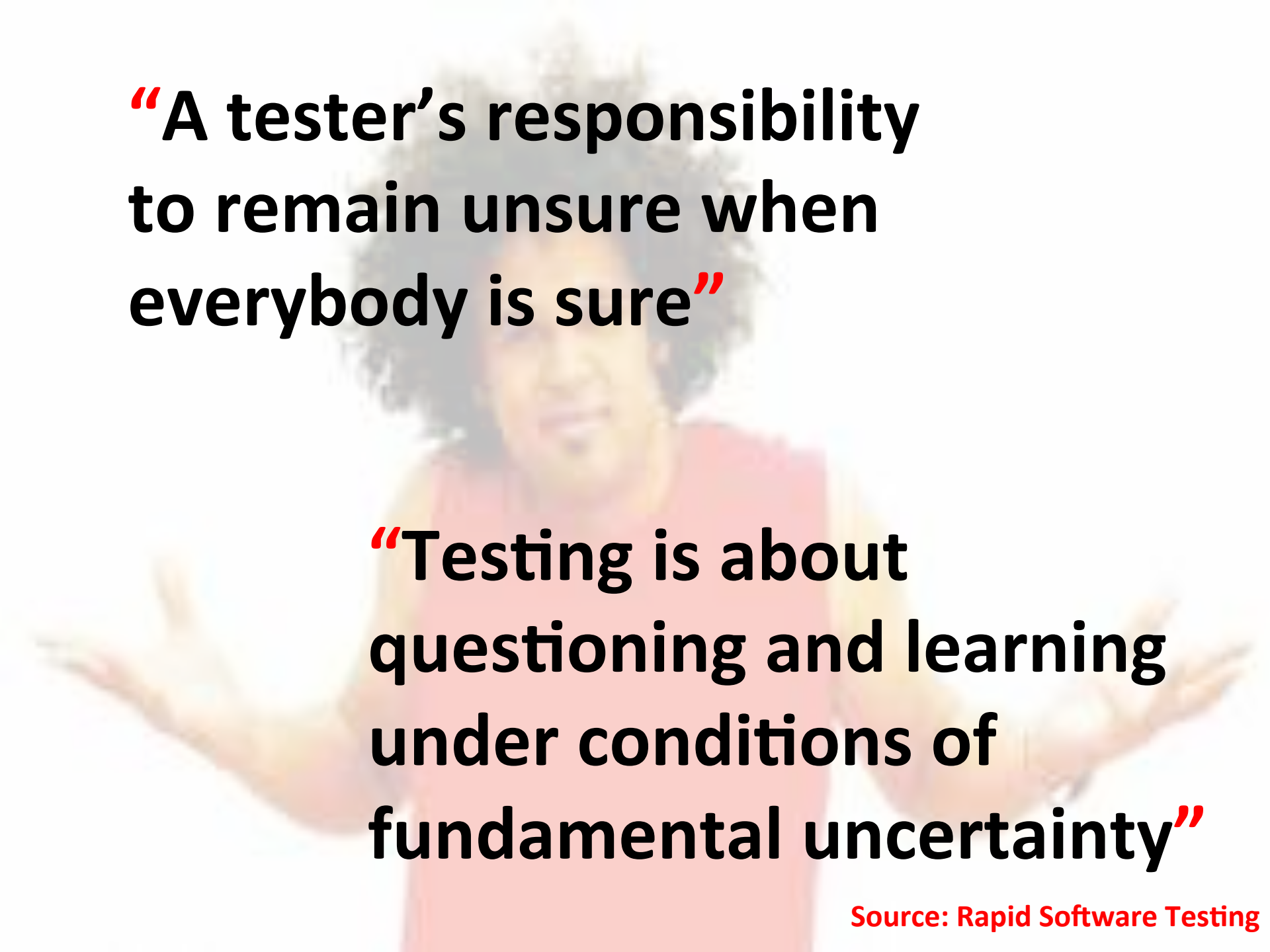


Becoming a Software Testing Expert

James Bach, Satisfice, Inc.
james@satisfice.com
www.satisfice.com

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

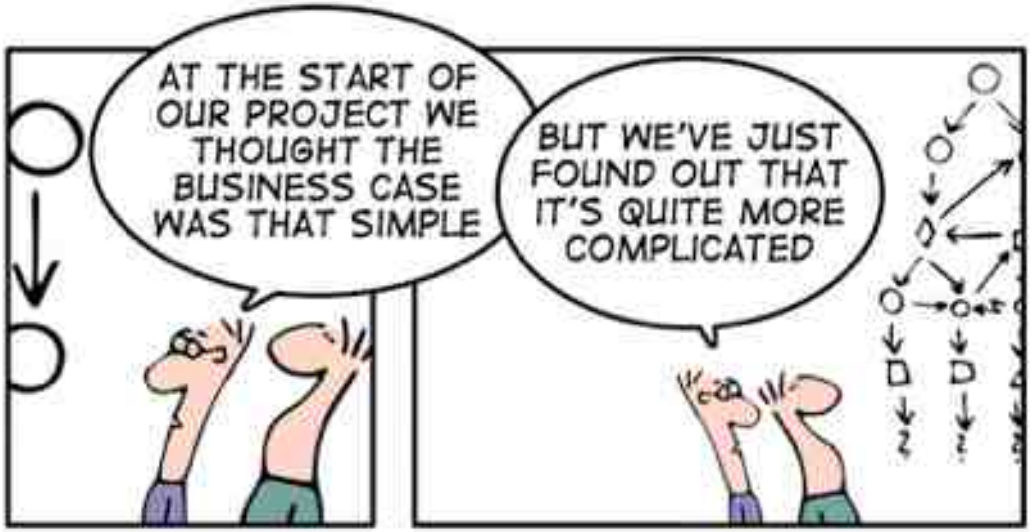
But what about knowledge?



"A tester's responsibility 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)

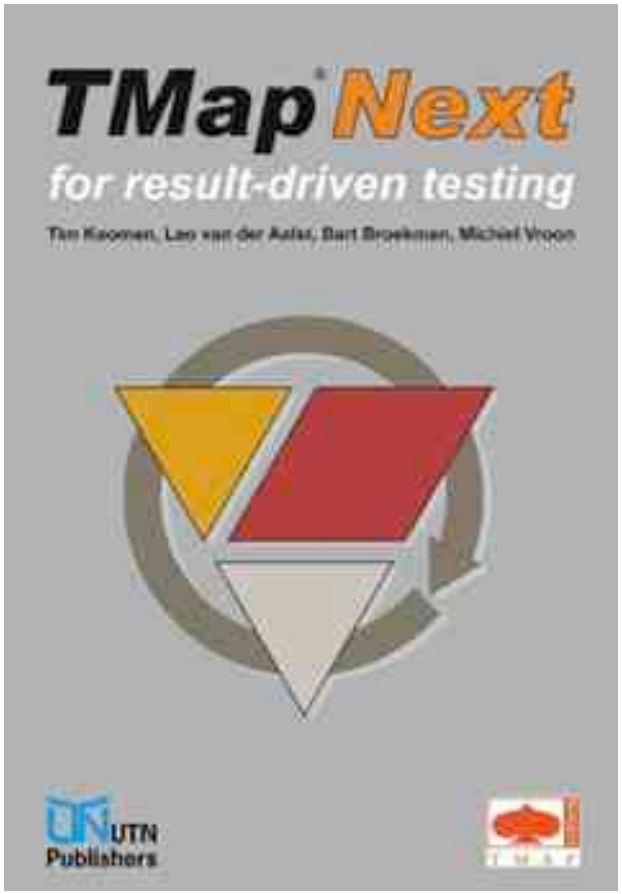
"a good tester is able to see the complexity of things that seem simple and the simplicity of things that appear complex."

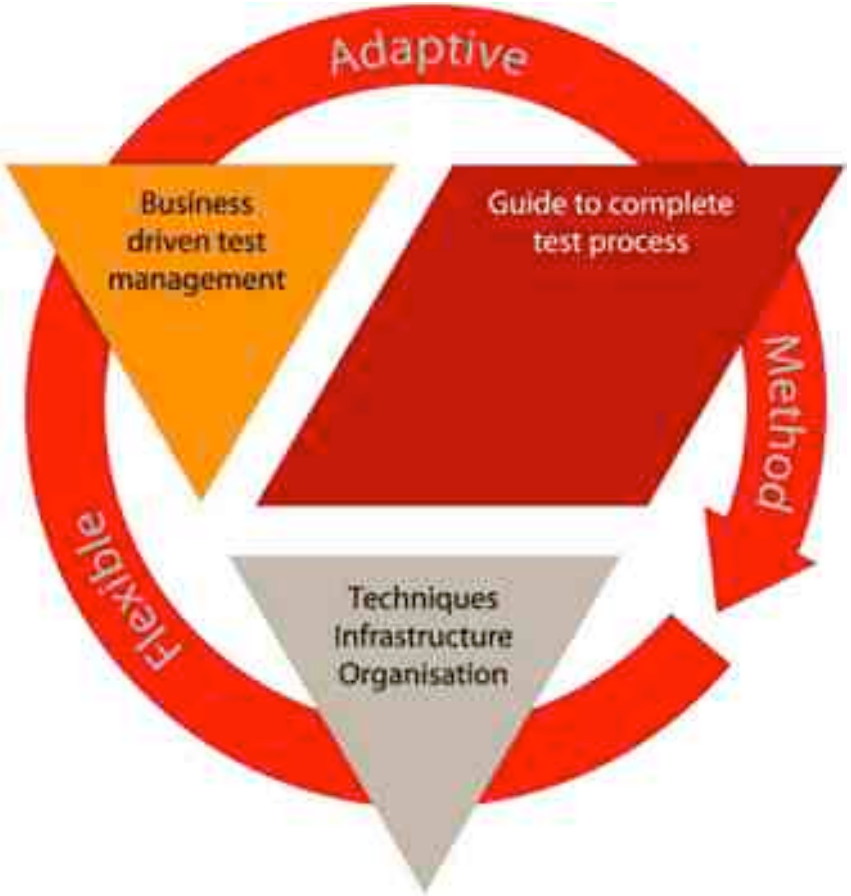
(Michael Bolton)

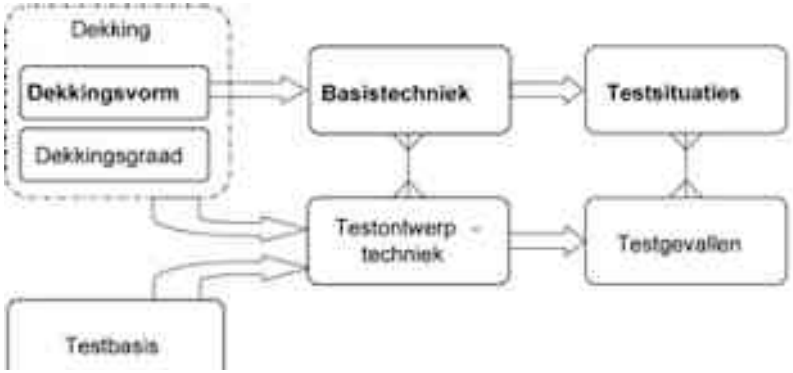
Becoming a better tester

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

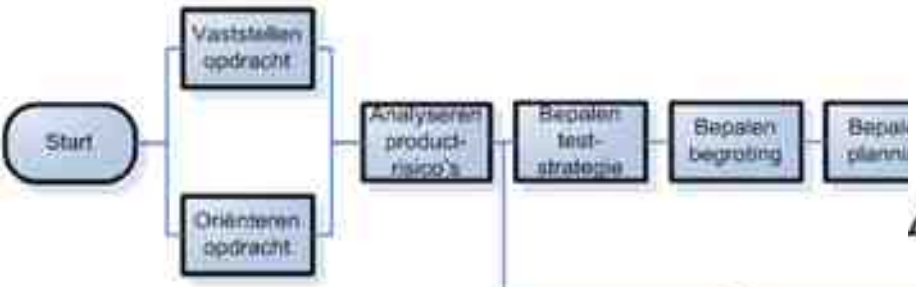
Adapt
to
Context

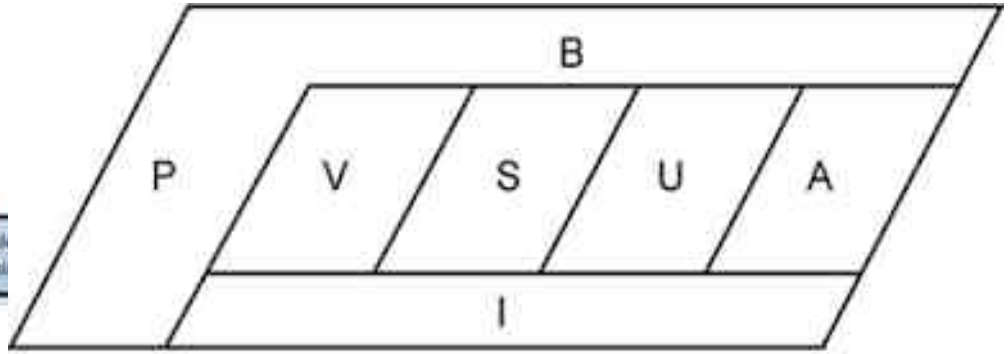

TMap Next
for result-driven testing
Tim Koomen, Leo van der Aalst, Bart Broekman, Michiel Vroon
UTN
Publishers


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


Dekking
Dekkingsvorm
Dekkingsgraad
Basistechniek
Testsituaties
Testontwerp - techniek
Testgevallen
Testbasis

Start
Uitvoeren beheer
Bewaken
Rapporteren
Bijsturen
Einde


Vaststellen opdracht
Start
Oriënteren opdracht
Analyseren product-risico's
Bepalen test-strategie
Bepalen begroting


B
P
V
S
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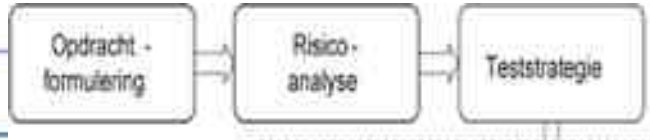
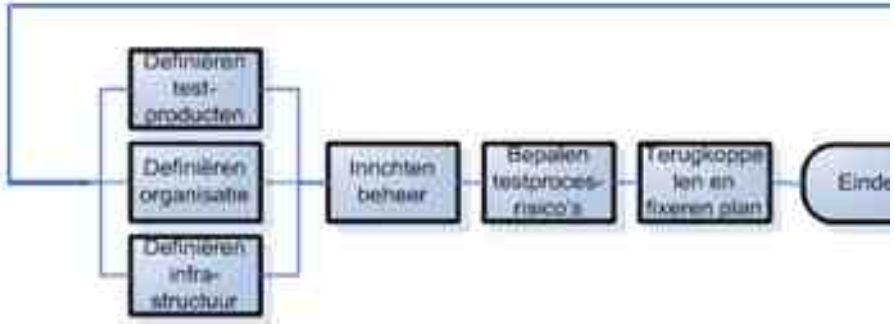
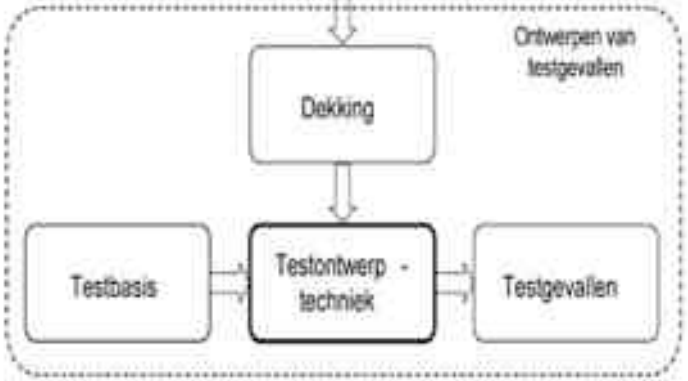
A
I


Opdracht - formulering
Risico - analyse
Teststrategie


Definiëren test-producten
Definiëren organisatie
Definiëren infra-structuur
Inrichten beheer
Bepalen testproces-risico's
Terugkoppelen en fixeren plan

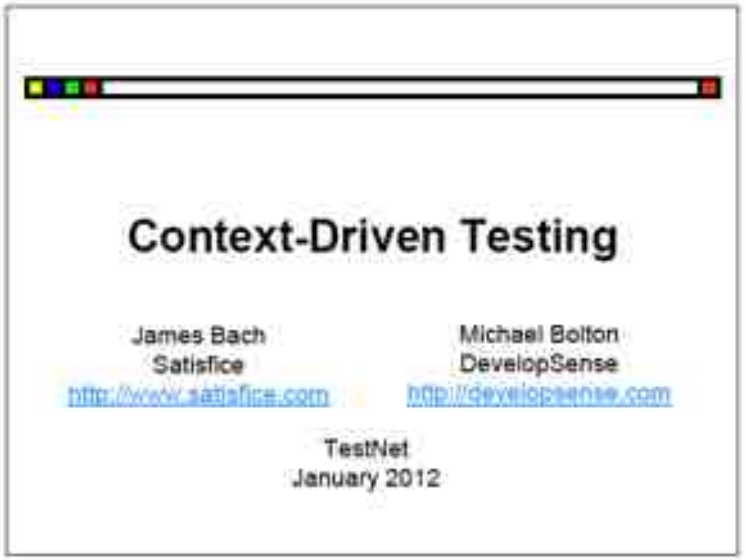

Ontwerpen van testgevallen
Dekking
Testbasis
Testontwerp - techniek
Testgevallen

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

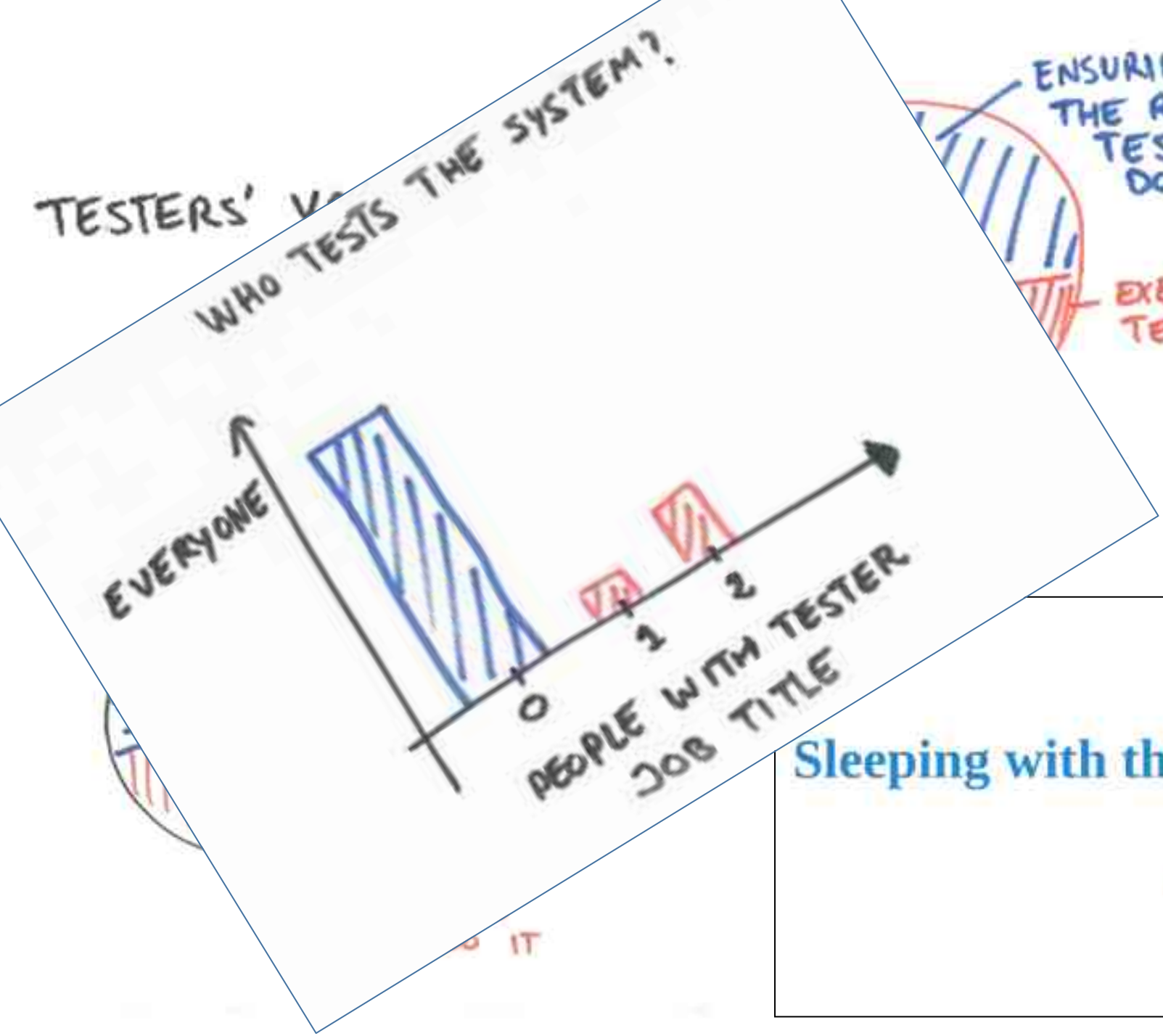
www.context-driven-testing.com

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



Collaborate

Being passionate is
contagious



Sleeping with the enemy

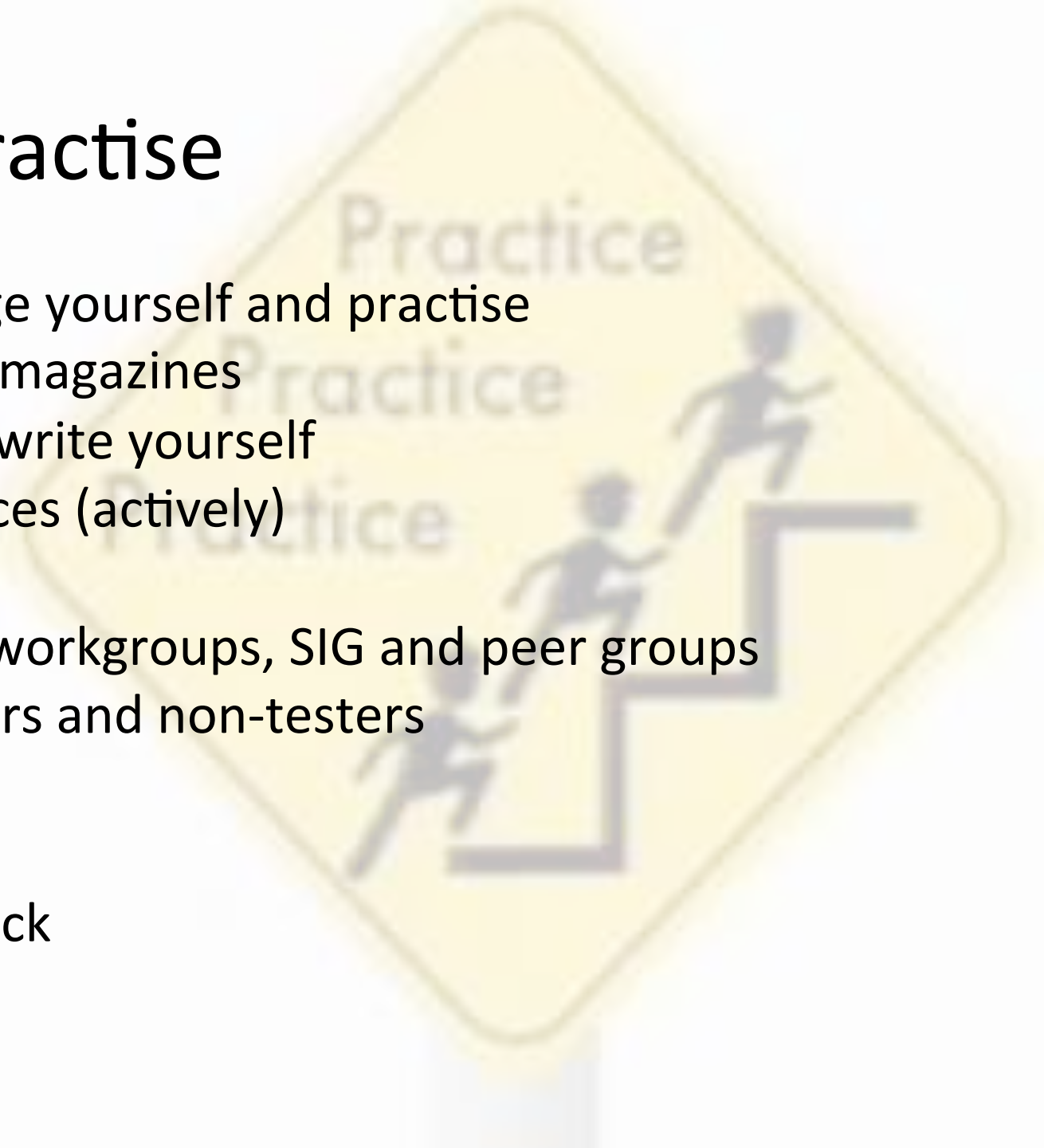
Gojko Adzic
http://gojko.net
@gojkoadzic

Testing
is a
team sport!
System
Development
is a
team sport!

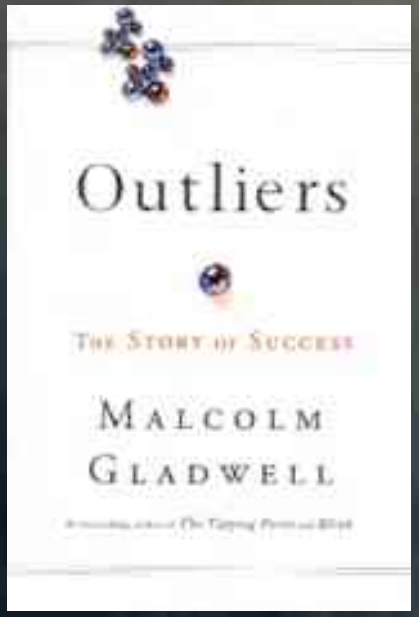
Learn
&
Practice

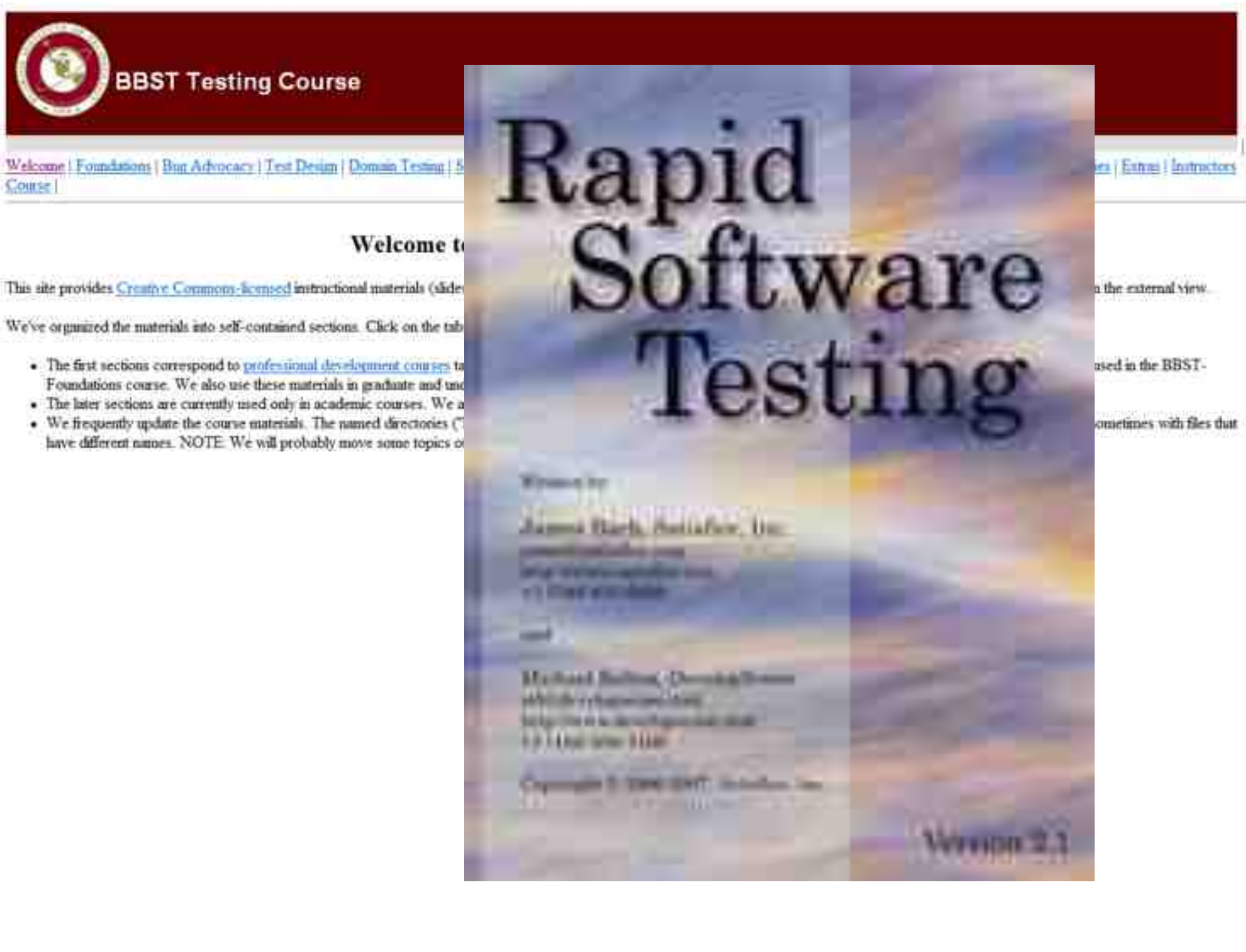
Learn & practise

- 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

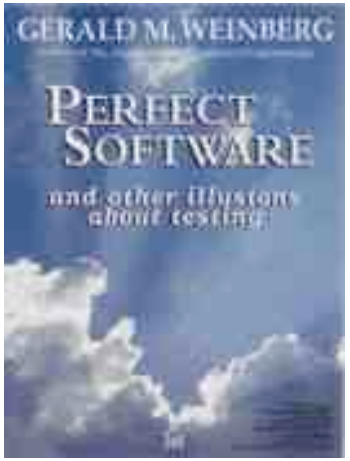


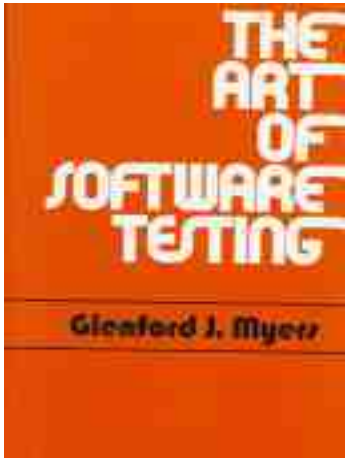
10,000 hours to perfection*



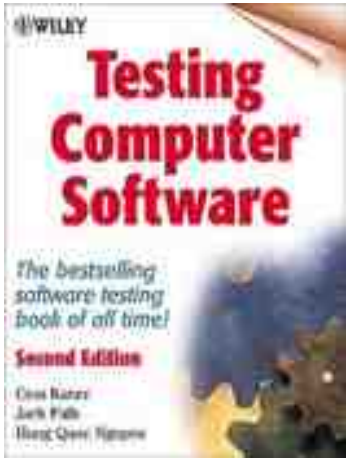

BBST Testing Course
Welcome | Foundations | Bug Advocacy | Test Design | Domain Testing |
Course |
Rapid
Software
Testing
Version 2.1

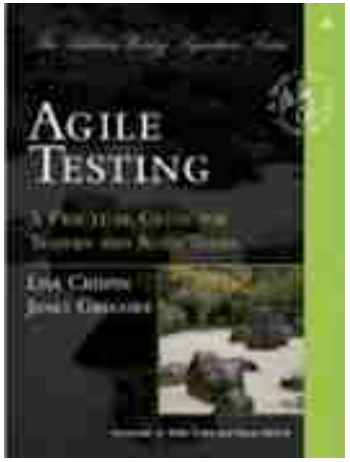
Lessons Learned in SOFTWARE TESTING

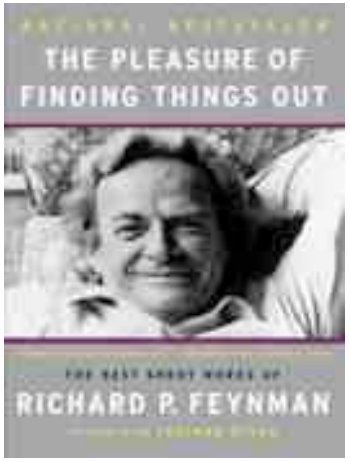

GERALD M. WEINBERG
PERFECT SOFTWARE
and other illusions about testing

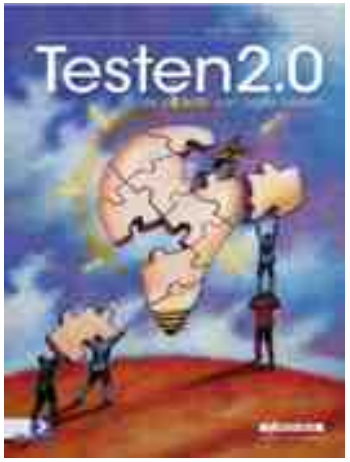

THE ART OF SOFTWARE TESTING
Glenford J. Myers

A Practitioner's Guide to Software Test Design
Lee Copeland


WILEY
Testing Computer Software
The bestselling software testing book of all time!
Second Edition

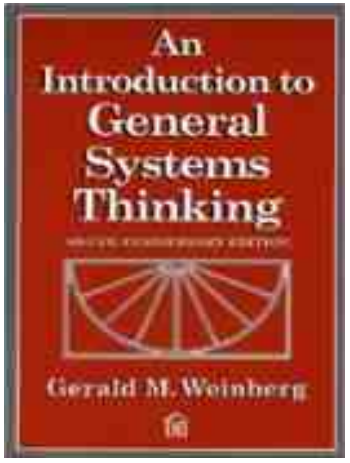

AGILE TESTING

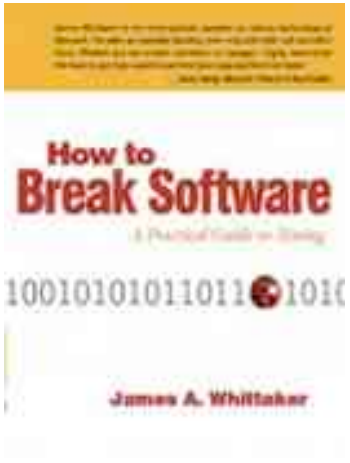

THE PLEASURE OF FINDING THINGS OUT
RICHARD P. FEYNMAN

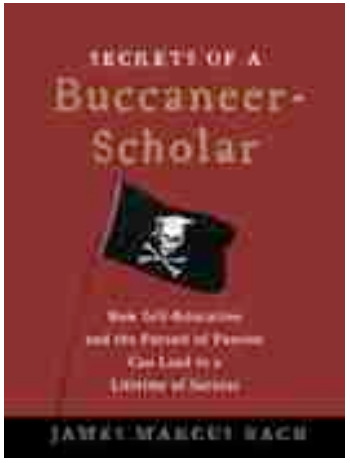

Testen2.0

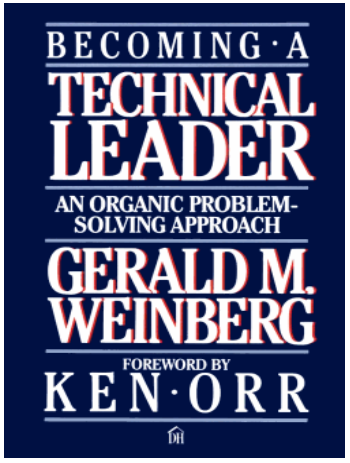
Beautiful Testing

Bridging the Communication Gap


An Introduction to General Systems Thinking
Gerald M. Weinberg


How to Break Software
James A. Whittaker


SECRETS OF A Buccaneer-Scholar


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

TEST
ESSENTIAL SOFTWARE TEST DESIGN

Testing Circus
www.TestingCircus.com

TESTNET NIEUWS

TEST
Apps don't stand alone

LogiGear MAGAZINE

PROFESSIONAL TESTER
HOW TESTERS COMMUNICATE AND HOW THEY SHOULD

STQA

THE TESTING PLANET
The Evil Tester Question Time
Combating "Tester Apathy"

Tea-time with Testers

Agile Record

testing experience
Improving the Test Process

Test Obsessed

Agile Testing with Lisa Crispin

Markus Gärtner

Magnifiant: exploring software testing

BETTER TESTING

Magnifiant: exploring software testing

Huib's blog on Software Testing

Home Links About me

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"

Search

Quotes on Software Testing

- Words may show a man's wit, but actions his meaning. (Benjamin Franklin)

Recent Posts

- So you think you can test?
- Decisions on conferences
- RST – Part 2
- The quality? Oh, we test it in! (part 2)

BETTER SOFTWARE CONFERENCE EAST
EuroSTAR 2011
STAR WEST SOFTWARE TESTING ANALYSIS & REVIEW
TesTrek TORONTO 2011
CAST 2011 "Context-Driven Testing" Association for Software Testing August 8-10, 2011
2012 Let's Test 2012
10th Annual International Software Testing Conference in India 2010
Agile Testing Days October 2010
czech test
test automation day 1e editie | 23 juni 2011 maximaal rendement uit de nieuwe generatie testtools
VIX Dutch Testing Conference

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PARTNERSHIP
ABOUT US
2009 Session: What Not To Test!
Video

EuroSTAR
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Virtual Conference
13/09/11
Attend for Free!
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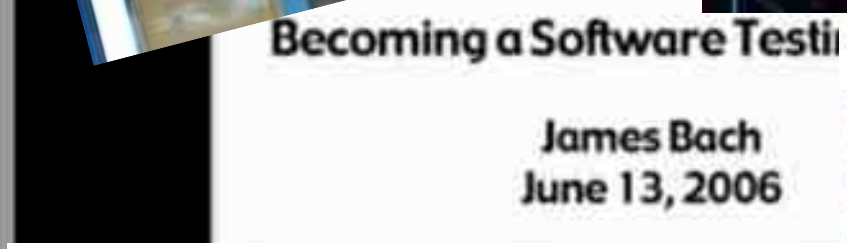
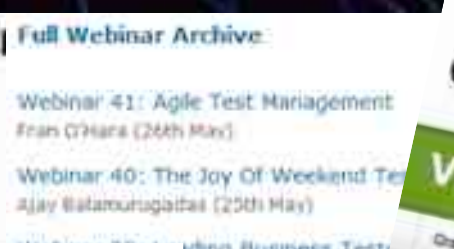
The Joy Of Weekend Testing Facilitation
Leading Business Testers
Critical Thinking Skills for Testers
Session Based Testing in Practice


Becoming a Software Testi
James Bach
June 13, 2006


Full Webinar Archive
Webinar 41: Agile Test Management
Webinar 40: The Joy Of Weekend Te
Ajay Balamurugadas (25th May)

Association for Software Testing
ast

Software Testing Club
a community for software testers
All Videos
My Videos
Featured Videos
A Licence to Test - TeamStar
Open Lecture by James Bach on
Selenium IDE for UI testing of web
The Sole Tester in an Organisation
Testing Personas

VIDEOS
HOME
ABOUT
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 mistaker?s (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
Chatter 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
Qualifications, Training, Careers
Membership and Networking
Your location
Membership and Networking
Our Groups
Specialist Group in Software Test
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 speal

Association for Software Testing
ast
HOME
ABOUT
TRAINING
CONFERENCE
SPECIAL INTEREST GROUPS (SIG)
Membership
Volunteering
Governance
Board of Directors
Workshops (LAWST)
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
Software Testing Club
a community for software testers
All Groups
My Groups
Featured Groups
EuroSTAR 2011
Testing Tools Discussion
30 members
EuroSTAR 2011
10 members
Learned Society
10 members
Security Testing
62 members
Testers on Google+
83 members

TEST NET
Startpagina
Evenementen
Bibliotheek
Werkgroepen
Contact
Agile Testen
Business Intelligence Testen
ISO 29119
Ketentesten
Mentoren
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 volgenden een testgerelateerd onderwerp
heel leuk om eens op een andere manier met het vakgebied testen bezig te zijn. Het is de
sessies toe te werken naar een resultaat dat deelbaar is met de andere Testnet leden om
te professionaliseren. Niet alleen uit de theorie, maar juist ook vanuit de praktijk!

Peer workshops

DEWT

Context Driven Testing @ TestNet

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
- Super van Haas – Programme Chair, EuroSTAR 2012
- Now 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 ...

Shawn Morley on DEWT is here...

Michel Kraaij on DEWT is here...

Canadian Workshops

(PNSQC) Pacific Northwest Software Quality Conference

(TWST) Toronto Workshop on Software Testing

(WWST) Waterloo Workshop on Software Testing

European Workshops

(DEWT) Dutch Exploratory Workshop on Testing

(UKSTA) United Kingdom Software 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

(IWIST) Indianapolis Workshops on Software Testing

(STIFS) ? - 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!
Project Managers - Developers - Testers - Users - Business Analysts - Architects -

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.

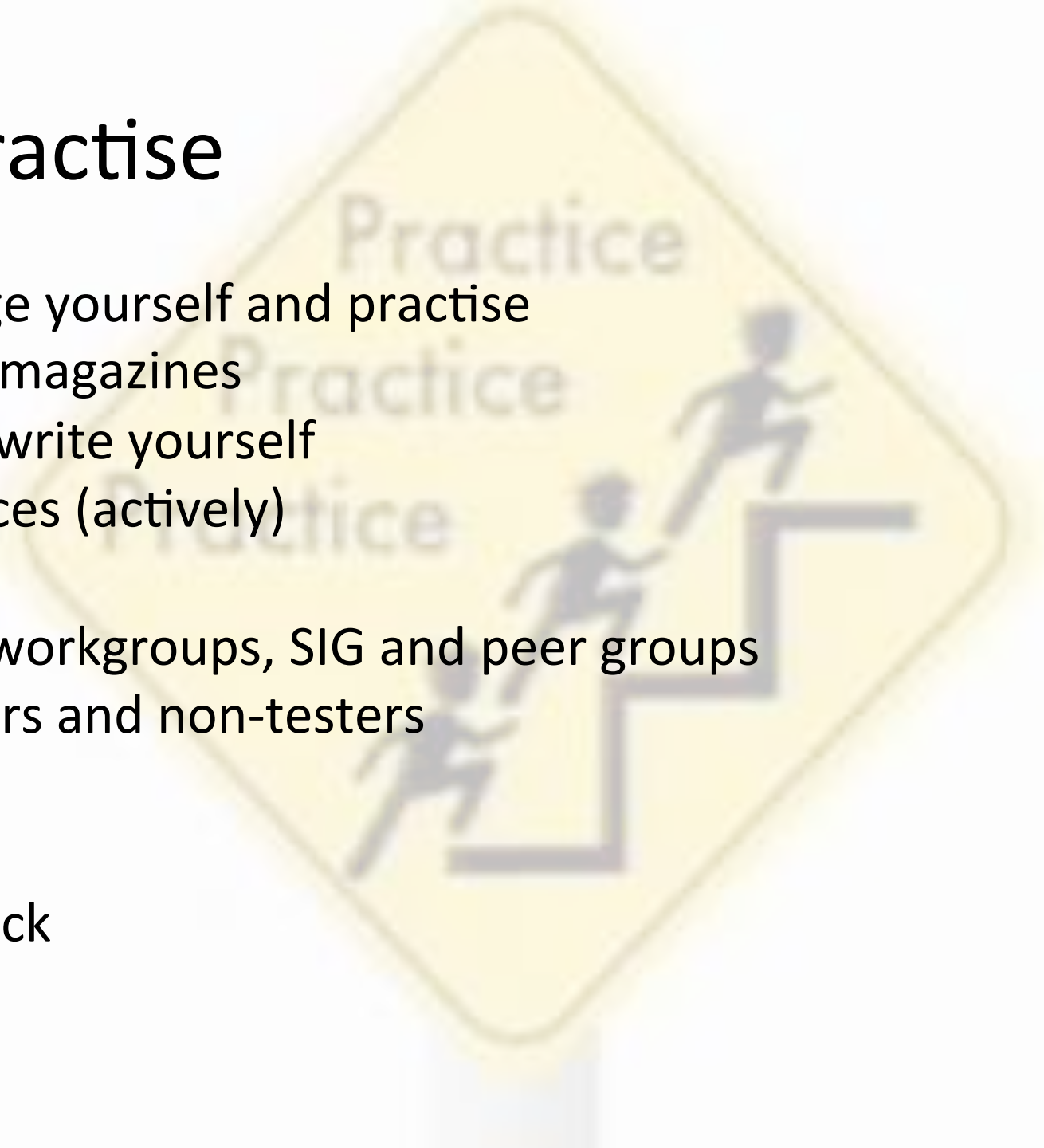
Requirement:

ASR
ASR

Excellent
Very good
Good
Average
Poor

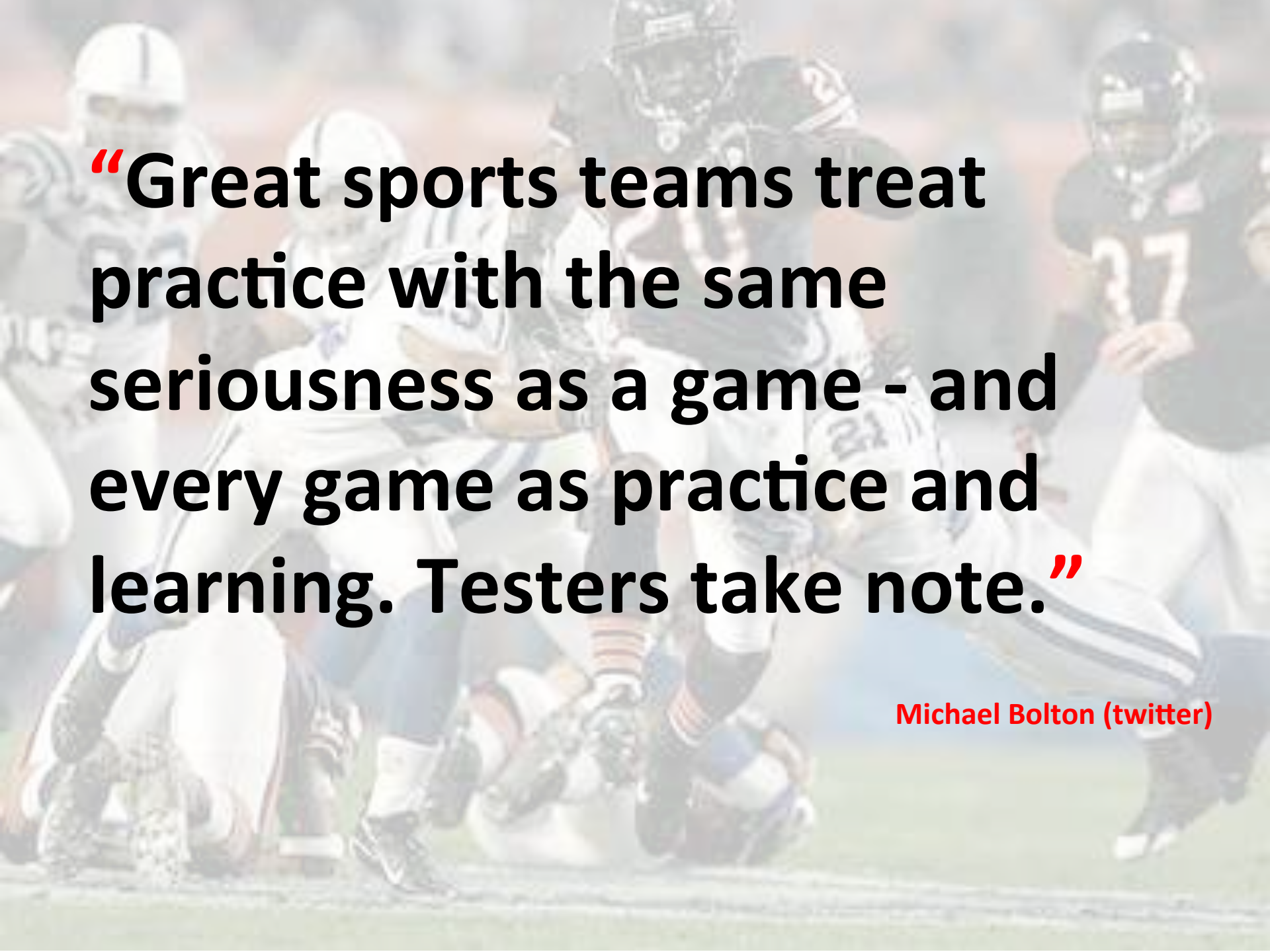
Learn & practise

- 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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