

HEADS UP TESTERS

Striving For Testing Excellence

TASSQ - June 28, 2011



FORTRESS TESTING INC.
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SOFTWARE TESTING THAT OVERCOMES BARRIERS

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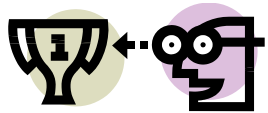
Business: 416 357-9075

About Tommas

- Young entrepreneur
- Managed call centres for 4 years
- In software testing for 12 years
- Owner of Fortress Testing Inc.
- Contract assignment at Loblaw as a Sr. QA Manager.
- Passionate about software testing

Am I a Testing Expert?

I am a pretty good tester in certain context.



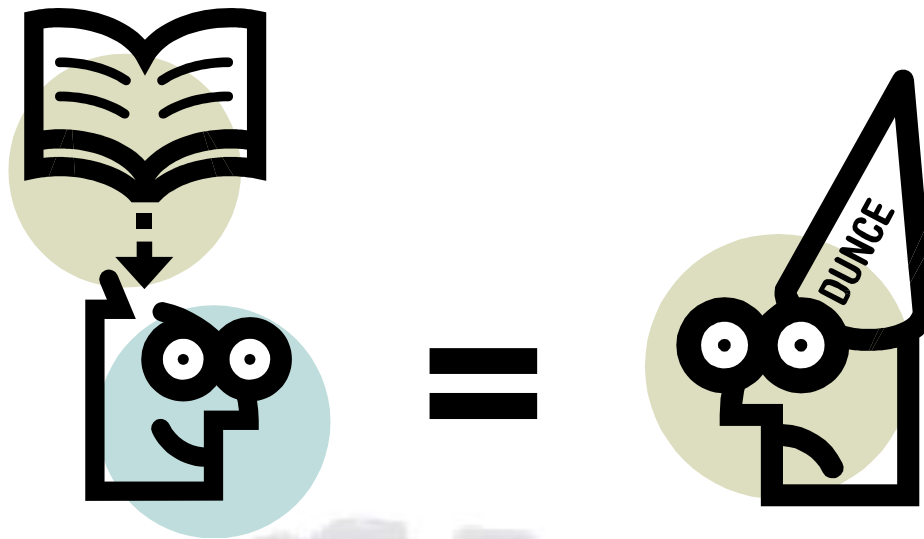
- I've been very successful on many testing initiatives. In those projects, with those applications, I was able to work out the testing problem and get the job done well.



- I've had a few that I couldn't figure out.

Knowledge Is Power

The more I know, the more I realize that I don't know.



What is a *heads up tester*?

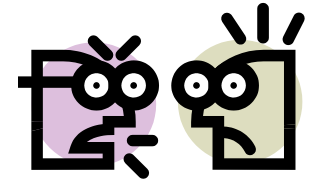
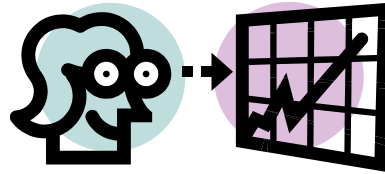
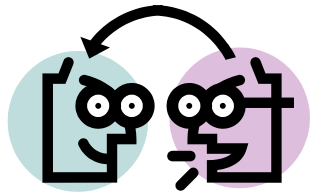


- A *heads up tester* is someone who is not only focused on their assigned testing but is aware of all the activities going on around them, both in the workplace and out. They are continually working towards increasing their knowledge in order to be better equipped so that they can be the most effective tester that they can be.

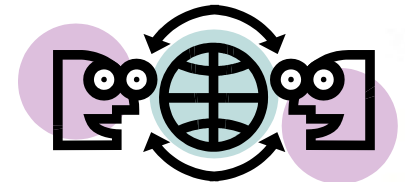
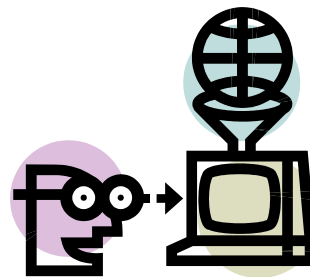
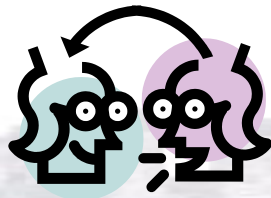
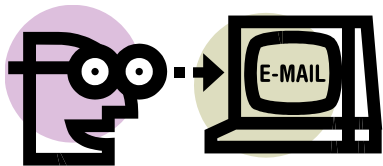
How do I recognize a skilled software tester?

- Resume
- Past work experience
- Ability to explain what they've done
- Demonstration of passion for testing
- How they expand their knowledge about testing

What a heads up tester does?



- Gathers information from all kinds of sources (oracles) in order to make the best testing decisions possible.
- Actively grows knowledge of oracles by looking for new ones at any opportunity.
- Prepares in advance for any foreseeable challenges or upcoming work.



Oracle

Encarta Dictionary

Somebody or something considered to be a source of knowledge, wisdom, or prophecy.

Experience Books Colleagues
Google Agents Industry Groups Requirements
Search Engines TV SME's Mentors Friends
Industry News Forums Training Workshops History
Magazines Job Market Applications Themselves Conferences
Dissimilar Applications Many, many more Designs

Tester skill

One of the most valuable tester skills is problem solving.

- Every testing initiative is a problem solving initiative.
 - How do we test this application?
 - How is this application different than what I've tested before?
 - How is this application the same as something I've tested before?
 - Can I determine a testing approach that I would like to use for this testing?
 - Do I know anyone that may have done something like this?

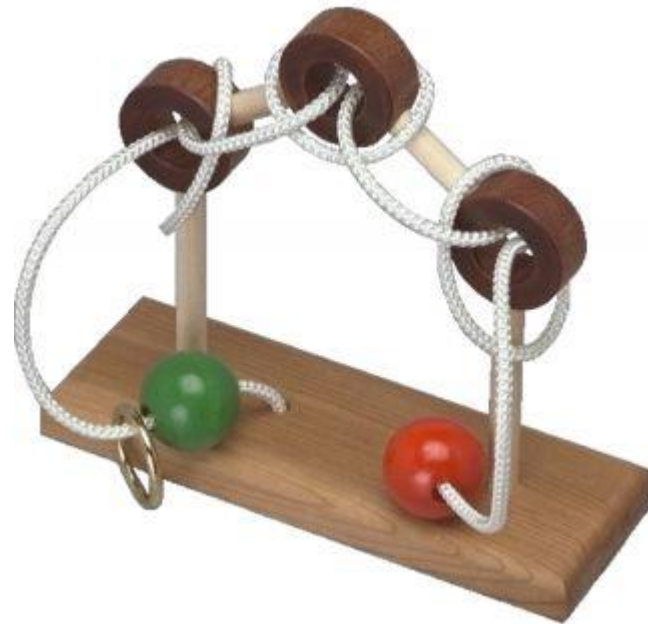
Applying Models

- The more exposure we have to different methods for solving a problem the easier it is for us to see an opportunity to apply or try a model in another testing initiative.

Puzzles

- Applying the method for solving one puzzle can sometimes be applied to solve another puzzle.

Applying Models



Applying Models



Applying Models



How do I Increase My Exposure to Oracles?

Some of the methods that I use:

- TASSQ Attendance
- TASSQ Board Activities
- Networking
- Training Sessions/Workshops
- Conferences
- Books
- Magazines
- WWW

I Like The One Idea Rule

**If I can get at least one idea
from an exposure then the
time spent was worth while.**

TASSQ Meetings

Great Speakers

More than 60 Over the years

- Michael Bolton
- Fiona Charles
- Joe Larizza
- Neil Price Jones
- Scott Ambler
- Cem Kaner
- James Bach
- Rex Black
- James Campbell
- Many more...

TASSQ Board Activities

- **Work with and meet great testing minds**
- **Discuss changes in the testing world and its impact**
- **Help promote testing and raise awareness**
- **Help shape the future of testing**
- **Represent TASSQ at Conferences**
- **Expand the reach**

Networking

- **TASSQ**
- **In the workplace**
- **Friends and Mentors**
- **LinkedIn**
- **Conferences**
- **Workshops**

Training Sessions/Workshops

- **Giving Training**
- **Participating in Training**
 - **Rapid Software Testing**
 - **Test Automation**
 - **Others**
- **Workshop participation**
 - **Presenting**
 - **Discussing**
 - **Learning**
 - **Networking**

TWST 1

June 2005

Michael Bolton and Fiona Charles

The Place of Testers in an Agile Development World

TWST 1

The Place of Testers in an Agile Development World

In the interest of being more Agile,
we would like to skip doing the
design document and go straight
into coding.

Are you okay with this?

TWST 1

The Place of Testers in an Agile Development World

Are you planning to put more descriptive comments in the code?

No

Are you planning to do Test Driven Development?

No

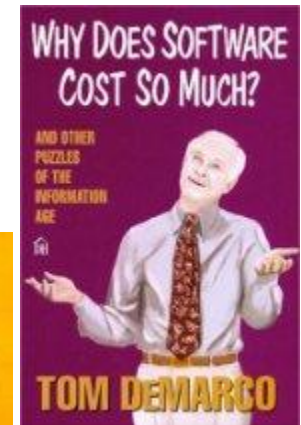
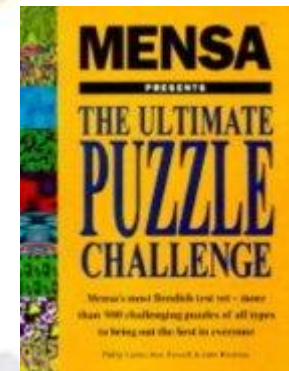
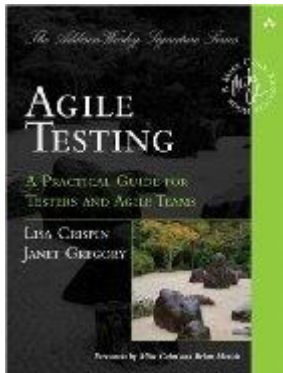
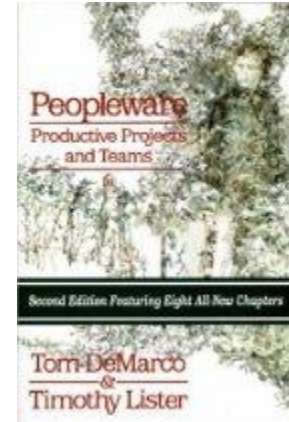
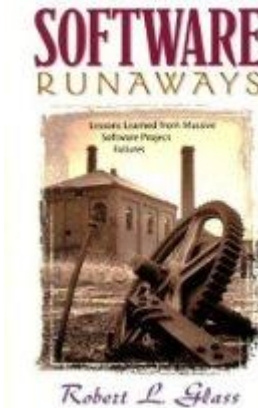
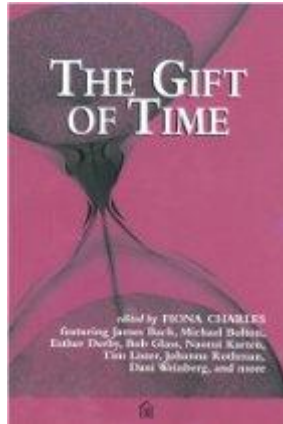
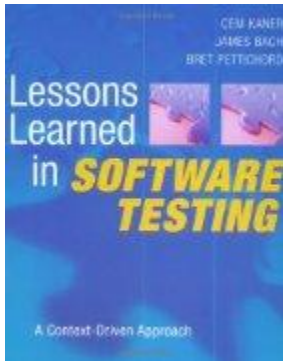
Are you planning to do pair programming?

No

Conferences

- **QAI Conferences**
 - **Attended many**
 - **Track Host**
 - **TASSQ Booth**
- **CAST Conference**
 - **Attended one**

Books








Magazines

- **Better Software**
- **PC World**
- **Fortune**
- **Macworld**
- **Scientific American Mind**
- **Laptop**
- **Discover**
- **Technology Review**
- **Maximum PC**
- **PC Today**

World Wide Web

- **Yahoo! Canada**
- **Yahoo Alerts**
- **Google Alerts**
- **Tweets**
- **LinkedIn Updates**
- **LinkedIn Group Discussions**
- **SQE.com - Software Quality Engineering**
- **StickyMinds.com**
- **SearchSoftwareQuality.com**
- **QA Forums**

Yahoo Alerts Setup

Hi, Tommas ▾ | Sign Out | Help Trending: Heidi Klum  Mail    

YAHOO! ALERTS Web Search

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Keyword News Alert - select from more alerts - ▾ Go

Select news stories, topics, and delivery options. **Save Alert**

Keywords News
Enter keywords to the right. Use quotes to search for entire phrases. Separate words with spaces. Example: "Federal Reserve"
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Yahoo Alerts Results

Keyword News: ["software quality"]

Yahoo! Alerts

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Wednesday, March 30, 2011 4:36 PM PDT

[Risk Management For Software Design In Medical Devices From IEC 62304 And ISO 14971 Perspectives](#)

Medical News Today Wed, 30 Mar 2011 11:26 AM PDT

Software quality for safety-critical medical devices has been at the center of discussion for industry experts and especially the FDA. In 2010, 39 of medical device recalls (500 total recalls over the past 7 years) were reported to be related to software defects and malfunctions. According to an FDA survey, this equates to approximately 8% of device failures. With an estimated \$94.9 billion ...

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Search terms:

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Volume:



Your email:

Create Alert

Google Alerts Results

- **News22** new results for "**security breach**" [What Does the Sony PlayStation Breach Mean for Black Gamers?](#)

The Atlanta Post

But what's the fall out when a major **security breach** occurs? No doubt a good number of the close to 100 million users of the Sony PlayStation Network are of color and have growing concerns about the hacker access to private information. ...

[See all stories on this topic »](#)

- [The Atlanta PostBreach costly for researcher, UNC-CH](#)

News & Observer

UNC-CH officials wanted to fire Yankaskas, whom they blamed for a **security breach** that endangered personal information of 180000 women whose mammogram data had been part of a university research project. The university subsequently scaled that ...

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- [News & ObserverAlphaZone4 Security Breach – Apology and Explanation](#)

AlphaZone4

By Cubehouse Monday May 9, 2011 On Sunday, 8th May 2011, we learnt of a **security breach** on the AlphaZone4 database that occurred on Friday, 6th May 2011, two days previously. Our database was attacked, which exposed some of our website structure and ...

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World Wide Web

- **Yahoo! Canada**
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- **LinkedIn Group Discussions**
- **SQE.com - Software Quality Engineering**
- **StickyMinds.com**
- **SearchSoftwareQuality.com**
- **QA Forums**

Can it be done on a tight budget?

Yes,

**But You Must Choose What is
important to you.**

**What is saved in dollars will
be paid in time and effort**

Thank You



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