

WISQA General Meeting for February 2008

Testing 'Food' for Thought - Favorite Testing Practices

- Test Automation
 1. Don't mandate 100% coverage
 2. Test Automation
 - A joint effort between Testers & Developers*
 3. Avoid complex logic in test scripts
 4. Encourage (automated) units tests
 5. Decide what types of test to automate
- Types of Tests
 1. Perform both positive and negative testing
 2. Test both functional and quality requirements
 3. Perform thorough regression testing
 4. Smoke Tests
 5. Pair testing (testing in pairs)
 6. Exploratory testing
- Bug Writing
 1. Never assume that an obvious bug has already been reported
 2. Report bugs promptly
 3. Report problems (clearly), do not try to solve them
 4. Verify fixes promptly
 5. Do not exaggerate bugs
 6. Peer bug reviews
- Test Management
 1. Test documentation
 - a. Decide on format and types
 - b. Determine what needs they must fill (FDA?)
 - c. Decide if it makes sense to have templates
 - d. Ensure all users have access to the same information
 2. Fresh eyes find failures
 3. Encourage Testers to think like a Scientist
 4. Review bugs regularly
 5. Learn from past experiences;
what worked? What didn't work?
 6. Work *with* not against your Development team
 - a. Understand how Programmers think
 - b. Ask questions;
but not too many - ask intelligent questions
- System Architecture
 1. Know your technology
 - a. Browser types and versions
 - b. Network type
 - c. Security needs
 2. Know your inputs & how they are derived
 3. Know your target environment (*hardware & software*)