



test automation day
test automation event of the year

Rotterdam 2017-06-22

Show us the value!

Presentations & workshops

- Implementing automation - does one size fit all?
- Check This – test automation, a development manager's view
- Hero's journey to perfect system tests – eight assessment criteria for tests' architecture design
- UX? What about TX for test automation?
- To practice hands-on testing of mobile apps using heuristics
- Is your test automation OK? Just checking...
- Finding Sweetspots for humans in automated testing

Implementing automation - does one size fit all?

Test automation implementation models:

- Standardised central approach
- Automation as a (separate) project
- Self-organising teams



Gwen Stewart

Check This – test automation, a development manager's view

- What should a manager care about?
- You don't need a Test Automation Team
- Don't automate all the things
- Care about a test automation project just like any other project
- Focus on the outcome - Failing and Passing checks
- You need your exploratory testers



Stephen Janaway

Hero's journey to perfect system tests – eight assessment criteria for

- Criteria:
 - Maintainability
 - Readability
 - Code Complexity Index
 - Usability
 - Flexibility
 - Learning Curve
 - Principle Least Knowledge
 - KISS (*Keep it Simple Stupid*)
- Steps to apply:
 - Create Research & Development branch
 - Create separate projects
 - Choose small set of tests
 - Implement the set for each design
 - Present the designs to your team
 - Every participant use the system
 - Setup final triage meeting



Anton Angelov

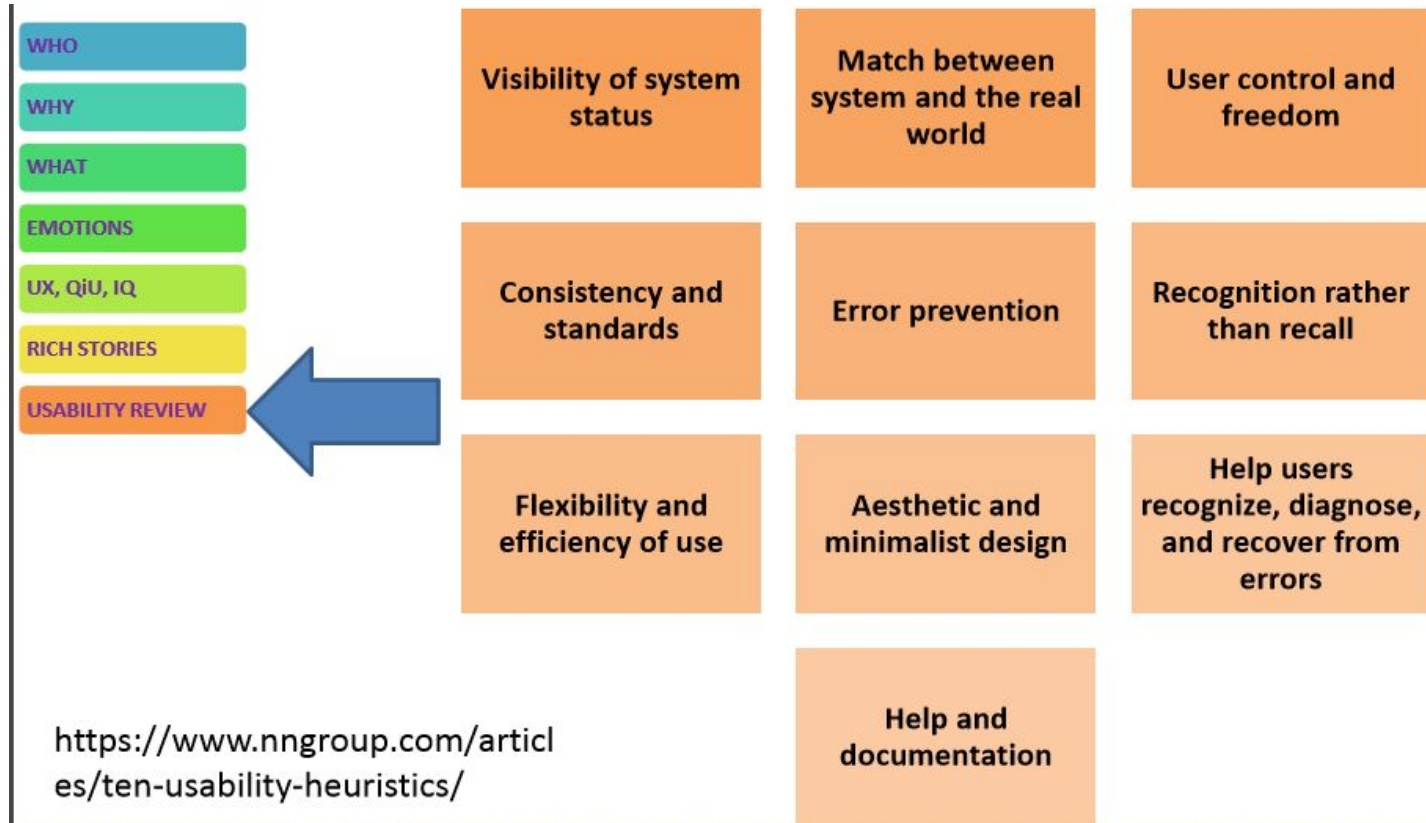
UX? What about TX for test automation?

- Test automation requires consideration of the UX for the tool and the tests
- People who use automation might not always be technical but they are always human
- UX-Design and UX-Test for test automation supports improved decision making and quality



Isabel Evans

Check your tools interfaces today...



<https://www.nngroup.com/articles/ten-usability-heuristics/>

To practice hands-on testing of mobile apps using heuristics

- We test based on what we know
 - We don't know much about apps
 - Test heuristics
 - SFDPOT IE
- Structure
 - Function
 - Data
 - Platform
 - Operations
 - Time
 - Interface
 - Error testing

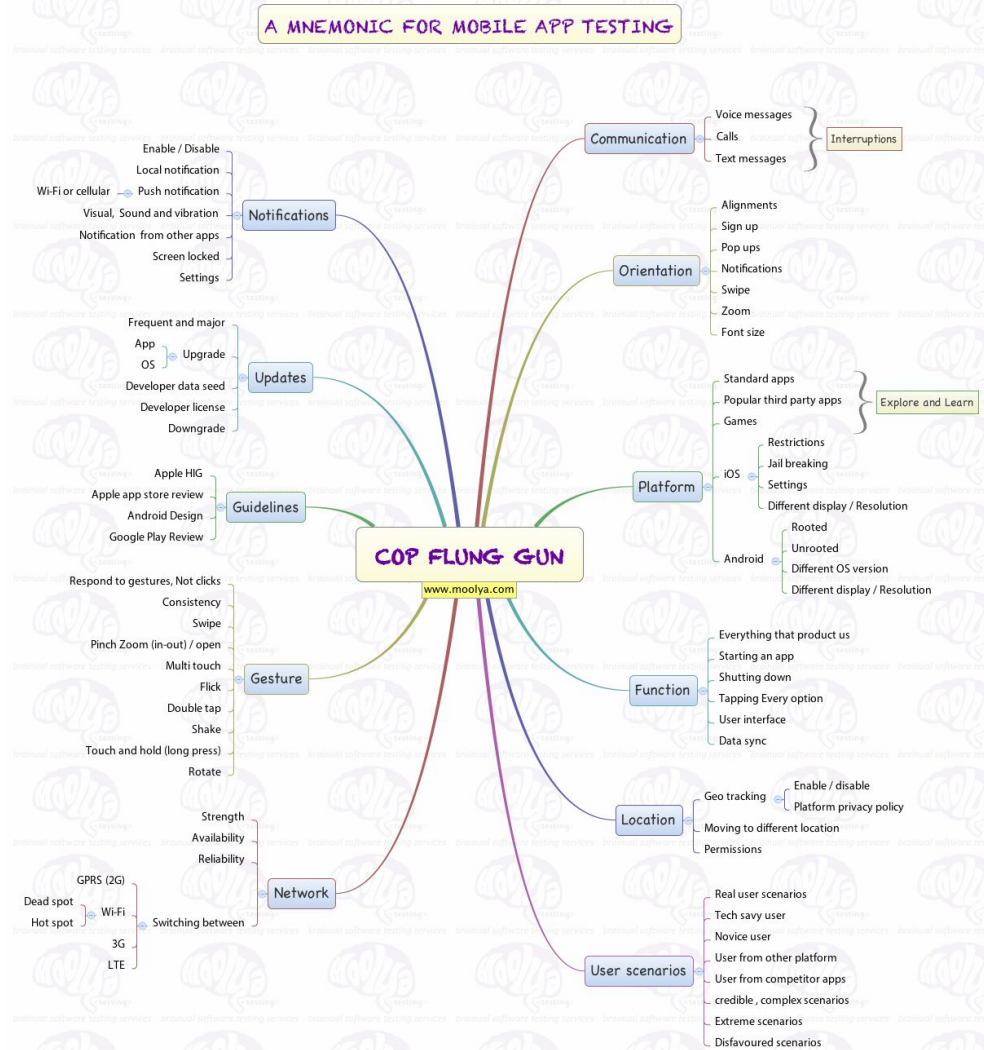


Julian Harty

More info

Github: [/julianharty/testing-heuristics](https://github.com/julianharty/testing-heuristics)

Free book: [The Mobile Analytics Playbook](#)



Is your test automation OK?

Just checking...

- 3 case studies:
 - Impossible integrations testing → stubbed integrations testing
 - No automated testing → implemented and rejected
 - Outsourcing automation → second chance



Ruud van Berkum

Finding Sweetspots for humans in automated testing

- The testing we used to do 5 years ago is no longer good enough
- Computers can do it faster and better
- Still they can't replace the human abilities
- Sweet spot: smart combination
 - Automation - there are lots of possibilities
 - Human exploration and reasoning



Julian Harty

Key takeaways

Key takeaways

1. Effective testing = Auto + Manual
 - a. Don't automate all the things
 - b. But neither of these remains the same - learning and practice FTW
2. Automated tests are a product:
 - a. They have their users
 - b. They need requirements, process and UX
 - c. They require discipline
3. Test automation success / failure is a temporary state and can change
4. Test automation / quality is team responsibility



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