

How to survive testing hell

Maciej Hryniszak

Before we begin....

Why do we test?

Types of tests

Types of tests

- unit tests
- integration tests
- end-to-end tests
- BDD tests (wiki-driven)
- performance and scalability tests
- security tests
- reliability tests
- ...

What and how should we test?







What and how should we test?

In applications

- focus on end-to-end tests to eliminate human errors
- limit unit tests to bare minimum where they really make sense
- wiki-driven tests are pretty much useless for business applications
- regularly perform security tests
- make performance tests part of your life
- focus on maintainability - tests alone won't guarantee it!

Don't write spaghetti code in tests!

Page/Component-object pattern to the rescue

<http://padcom13.blogspot.com/2014/01/writing-selenium-tests-with-style.html>

<http://padcom13.blogspot.com/2014/02/selenium-and-reusable-scenarios.html>

What and how should we test?

In frameworks and libraries

- unit tests are your friend!
- or integration tests if working on connectivity libraries
- performance is key so make it a priority
- security is usually less of a concern but don't do stupid things

The most important rule of all

**In war there is no substitute
for victory**

- Douglas McArthur

**In software development there
is no substitute for thinking**

- my humble self

Questions?

May the force be with you!

Blog:

<https://padcom13.blogspot.com>

LinkedIn:

<https://linkedin.com/in/padcom>

Github:

<https://github.com/padcom>