Ready for takeoff?

By Szidónia Antal,
Bouvet

Intro

Automated testing habits

Design and implementation habits

Conclusion

Impact of Flying module on me

Introspection

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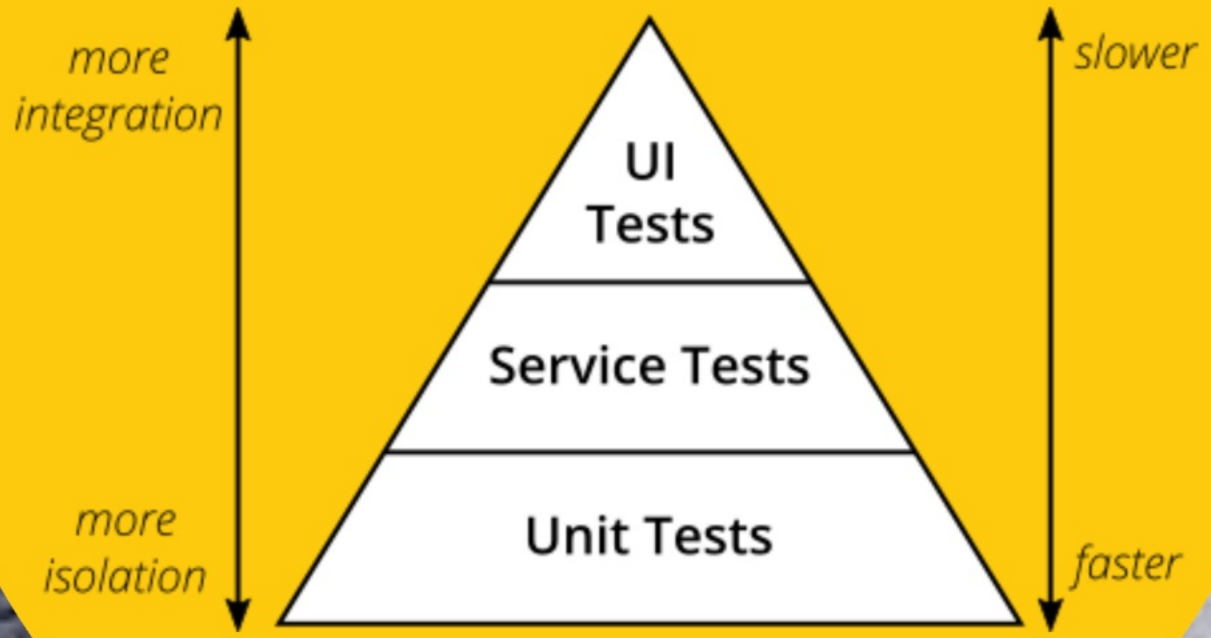
Obsessive principles inherited from the Chicago school...

Test pyramid

Code coverage

The practical test pyramid. The problem

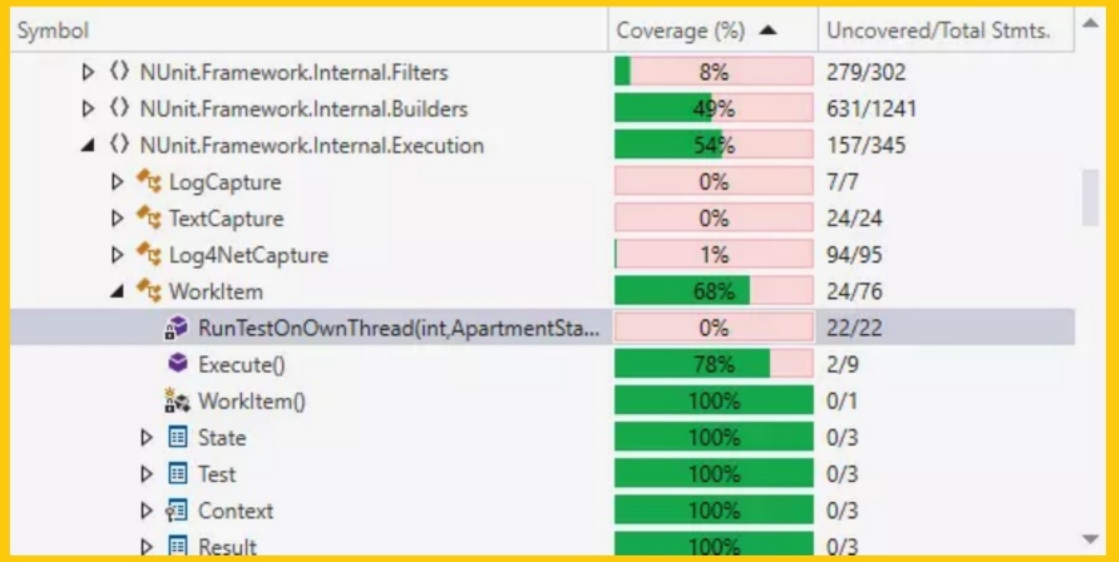


The better way

Acceptance tests

- drive the design with acceptance tests, instead of obsessing over unit tests
- less unit tests

Code coverage
relevant?



Symbol	Coverage (%)	Uncovered/Total Stmts.
NUnit.Framework.Internal.Filters	8%	279/302
NUnit.Framework.Internal.Builders	49%	631/1241
NUnit.Framework.Internal.Execution	54%	157/345
LogCapture	0%	7/7
TextCapture	0%	24/24
Log4NetCapture	1%	94/95
WorkItem	68%	24/76
RunTestOnOwnThread(int,ApartmentSta...	0%	22/22
Execute()	78%	2/9
WorkItem()	100%	0/1
State	100%	0/3
Test	100%	0/3
Context	100%	0/3
Result	100%	0/3

The better approach

Not all that relevant

- the nature of TDD approach will naturally lead to enough coverage
- 60% is good enough - if we bother with measurement at all

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Code design and implementation habits

Not using TDD enough

Interface abuse

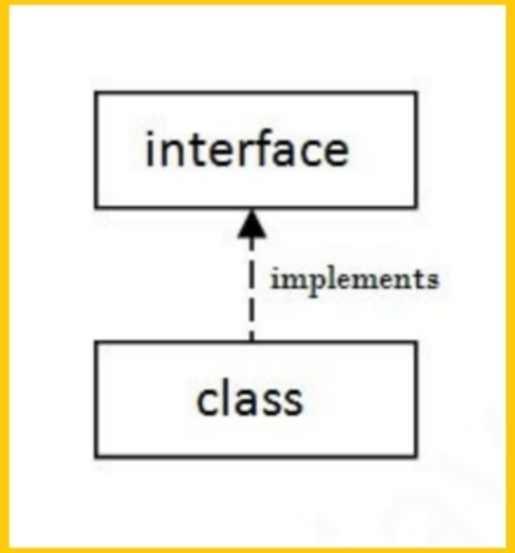
Working alone

Why using TDD saves us time and headaches?

- TDD ensures outside-in design thinking, therefore feature focus
- Challenging in already existing systems, but worth a try for new components

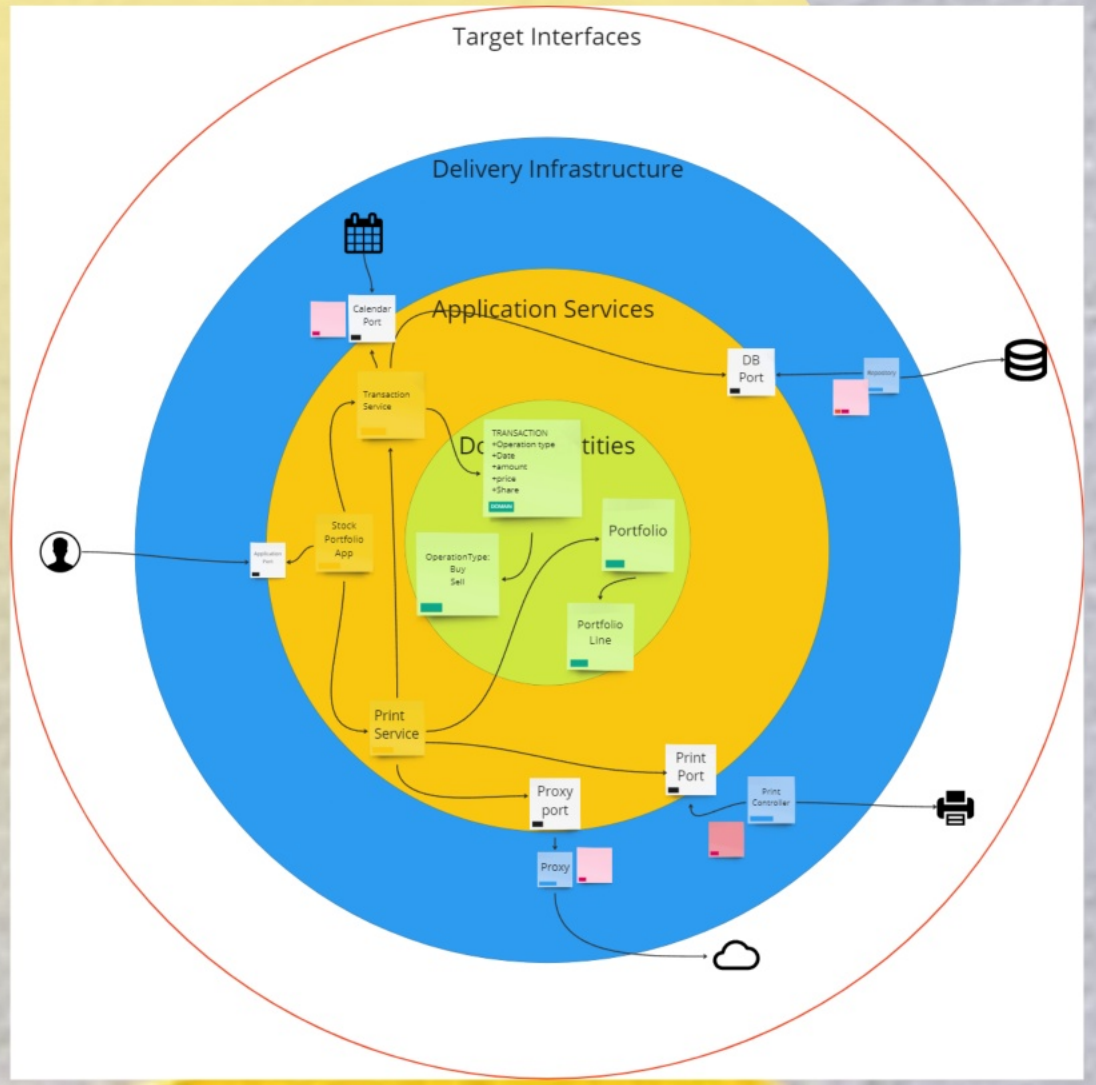
Interface abuse

CHICAGO



The better way

Use interfaces around ports, mostly



Practice mob-or pair programming, whenever possible

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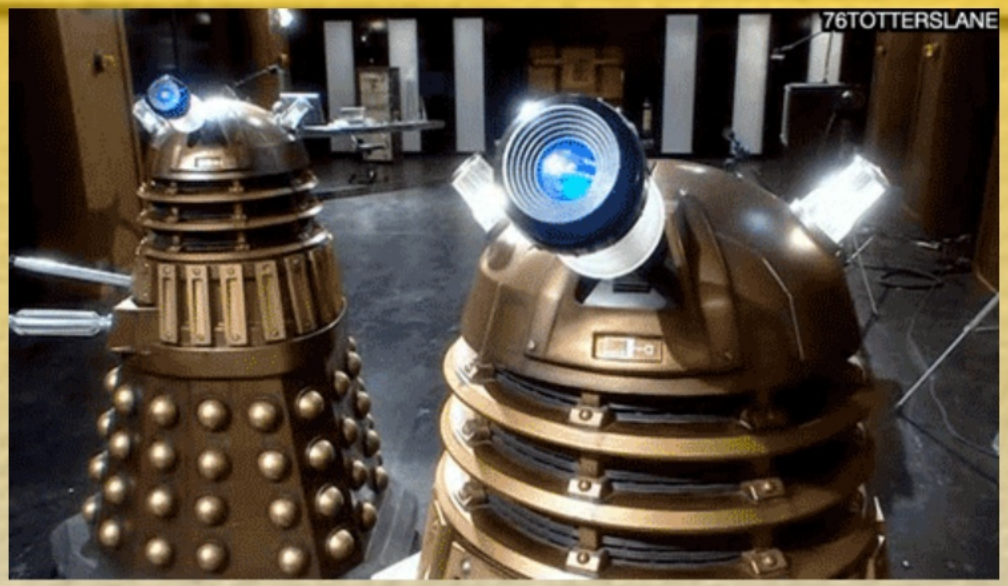
WHAT'S YOUR
SUPERPOWER?

As an IT professional, I have to review my habits every now and then

Take advantage of the "why?"'s



ALWAYS
LEARNING
mmhmm

References

- https://devlead.io/DevTips/LondonVsChicago
- https://martinfowler.com/
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- https://prezi.com

Marco & Alessandro

for making us fly!

ALCOR academy

The gang

for joining the journey!

bouvet

for making it possible!

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