

# Non technical factors creating the technology

Wojciech Anzel

# Talk inspiration #1

„Hey, this ISTQB training should be about TESTING! Why do we discuss here money, business and other stuff I’m not interesred in?!“

# Talk inspiration #2

 **Test Dive**

Redakcja naukowa

Adam Roman ■ Karolina Zmiłrowicz

## TESTOWANIE OPROGRAMOWANIA W PRAKTYCE

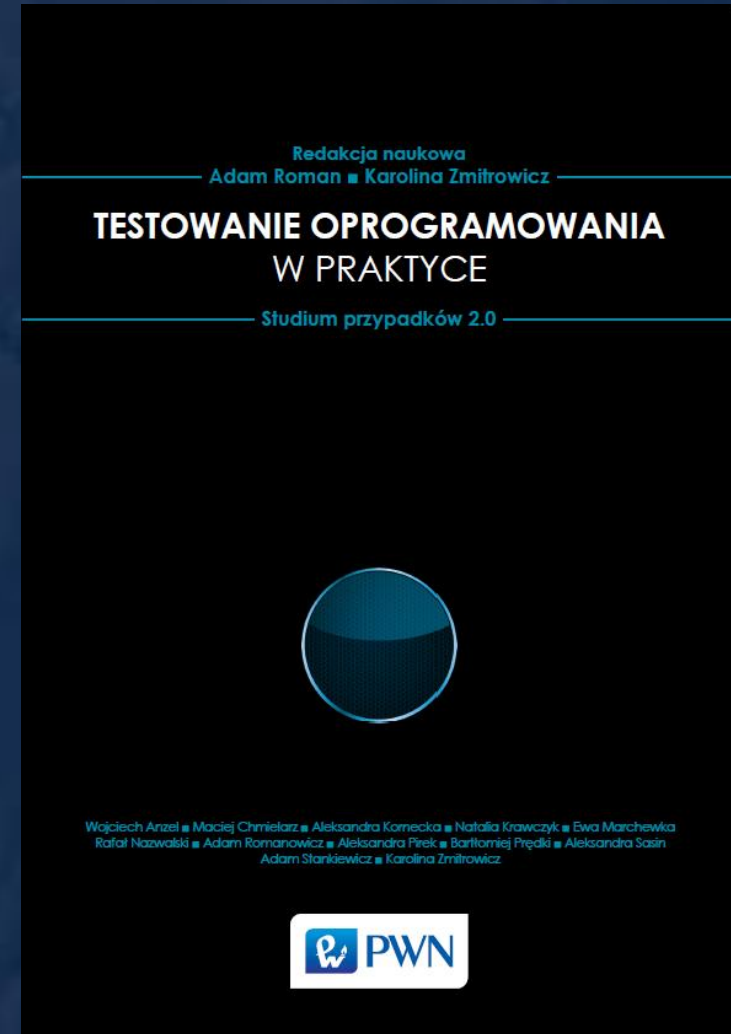
Studium przypadków



Adrian Bala ■ Magdalena Damaschke ■ Marek Falkowski ■ Emilia Feliks ■ Marta Firlej ■ Jarosław Hryszko  
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Jacek Okrojek ■ Tomasz Olizewski ■ Jędrzej Osiński ■ Radosław Smilgin ■ Piotr Wicherski



# Talk inspiration #2









„its easy to write in it”

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it has good support from  
community/vendor

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I like the syntax, I know how to write in  
that language

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# Automation Framework

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everybody else in our company  
is/will be using it

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## ALL THE TECHNICAL FACTORS

- stable
  - modular
  - version controlled
  - reusable code/libs
  - ...
- 

**VS**

we've been always using that one  
and it worked perfectly!!

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conflicts in the team

frustration (rising on both sides)

waste of time & energy for pointless discussions

driving the organization in (??) direction

# Talk inspiration #3





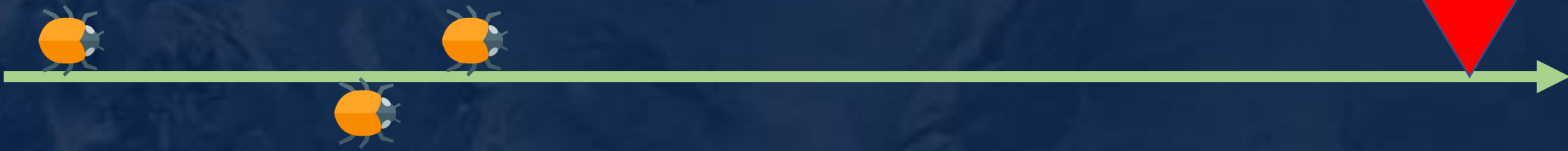
„this crap doesn't work!!”

or

„no one cares, that this crap doesn't work! We're only chasing the deadlines!”

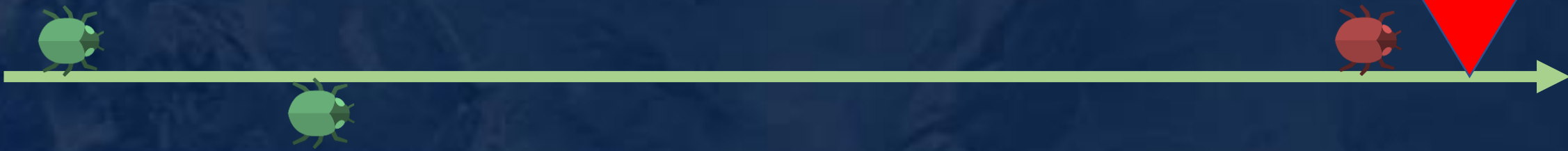
or

„they won't even let us know if it really works!”



THE DELIVERY





THE DELIVERY





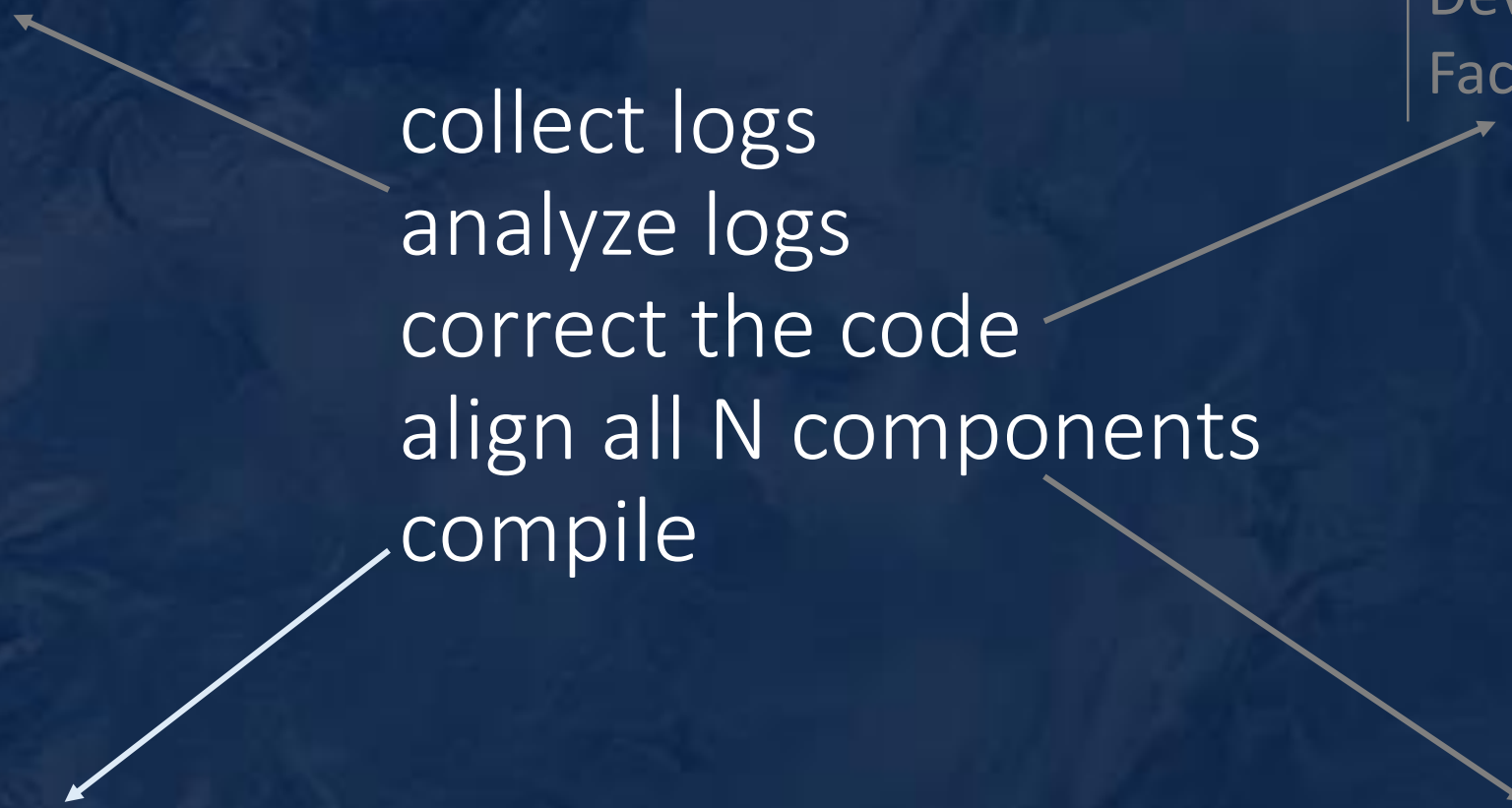
Tester's time  
Test environment  
Log storage server


Developer's time  
Facilitation

collect logs  
analyze logs  
correct the code  
align all N components  
compile

People  
Computing power  
Storage server

Coordination  
Time



A thick red curved arrow starts on the left side of the text block, curves upwards and then downwards, ending with a small arrowhead pointing to the first line of text, 'collect logs'.

collect logs  
analyze logs  
correct the code  
align all N components  
compile

contract penalty fee

or

do not/cannot sell the product

or

lose of trust / brand / ...



trivial  
minor  
major  
critical

+ „words & music”  
description



THE DELIVERY

trivial

minor

major

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+ „words & music”  
description



THE DELIVERY

contract penalty fee

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do not/cannot sell the product

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QUALITY

COST

we need to release the  
product **today!**

---

rule of thumb: always plan  
testing to deliver whatever was  
tested so far with best quality  
**possible**

we need to release the  
product **today!**

---

how do you shorten the  
delivery/fixing cycle ?!

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„I do not mind putting  
faults in field, as long as  
we can fix them **quickly**”

---





how do you shorten the  
delivery/fixing cycle ?!

---

 **Test Dive**

**WHAT DID YOU DO**



**FOR PRODUCT  
DEBUGABILITY?**



Talk  
inspiration  
#4

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 **Test Dive**

**NOKIA**

**ERICSSON** 

---



**plus** 

**PLAY**

---





bug reproduction

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infant products

---

mature products

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app store feedback

---

talk to customers

---

gamification etc

---

timely delivery

time to market

 **Test Dive**

time to fix bug  
in field

implementation  
cost

satisfied with  
jobs

enjoying it!



knowledgable



quality of product

reputation

confident about  
their results

brand



strategy

trust

customers