ACCELERATING SOFTWARE DELIVERY

Why your team is slowing down

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TESTCODERS

DEVCONF

9-10 November, Łódź

Strategic Partner

Platinum Sponsor

ABB

Single sprint(s)
to work on bugs/tech-debt

Backlog items >= 12 months

	2
Tech debt 2	
Feature 7	

In progress	2
Feature 6	
bug 2	

QA and testing	7
Feature 5	
Feature 4	
Feature 3	
Feature 2	
Feature 1	
Bug 1	
Tech deb 1	

Done	0

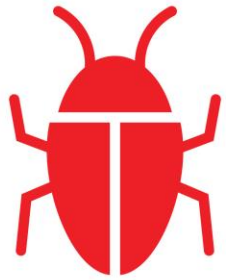
20%+ bugs

(by end of sprint)

Cancel retros to finish 'almost done' items

PO's who do testing

A previously delivered (working) 'thingy'



Legacy

HANDLE WITH CARE
FRAGILE!
THANK YOU!

DANGER
UNTESTED
SOFTWARE

Technical debt quadrant

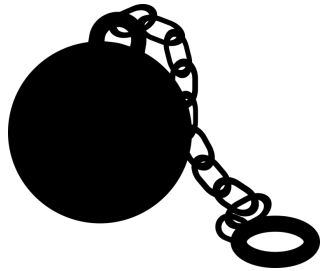
	Reckless	Prudent
Deliberate	We don't have time for that	We'll deal with it later
Accidental	We don't know how	We shouldn't have done that

Total savings:	€2400,-
monthly savings	€200,-
Total Cost for trip:	€6000,-
Short:	**€3600,-**

Total debt: *(To be paid back in 1 year)*	€3600,-
Savings (1 year)	€2400,-
Short:	**€1200,-**

What's the plan?...

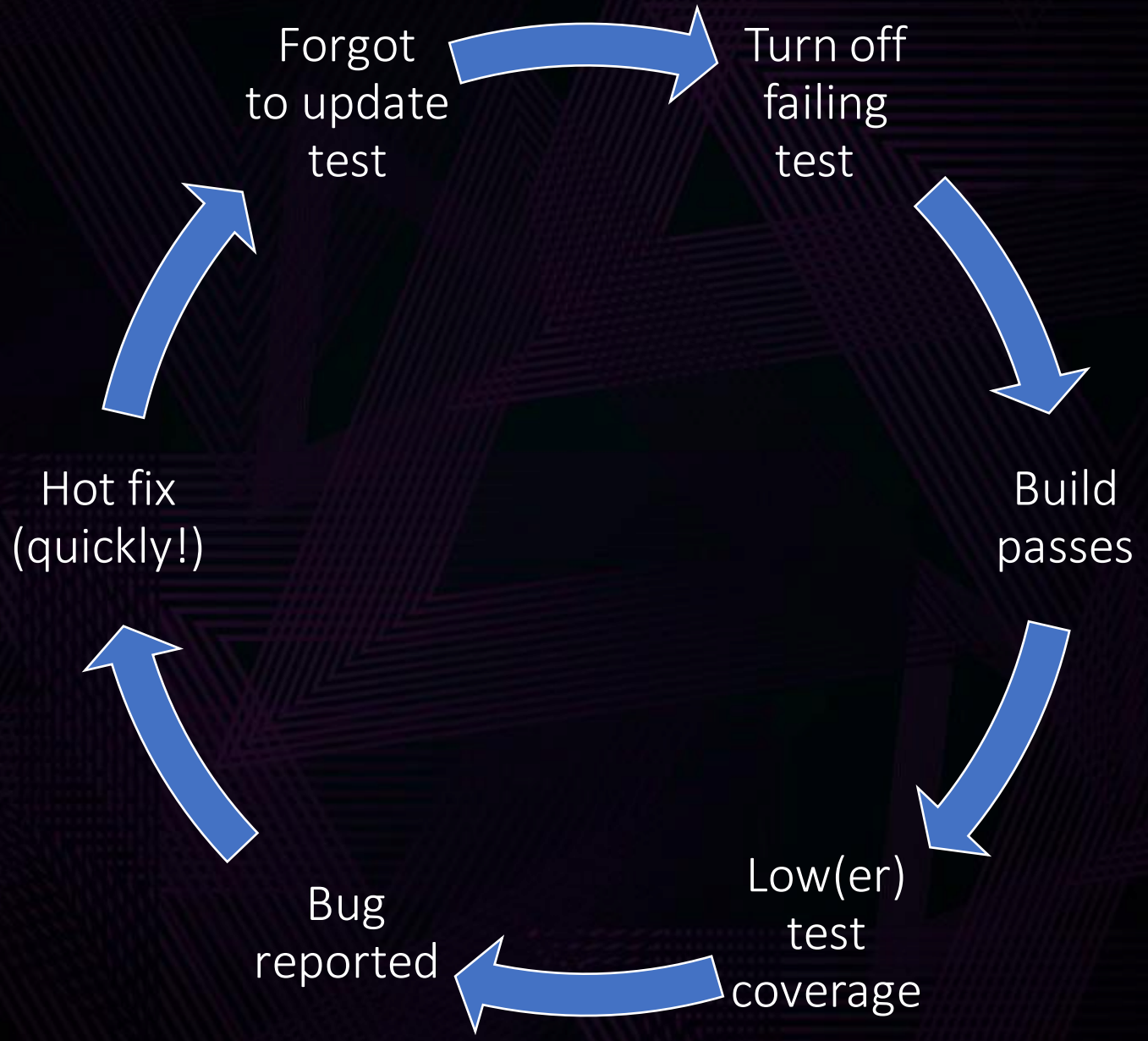
Add more recourses



Add more recourses

Add more recourses

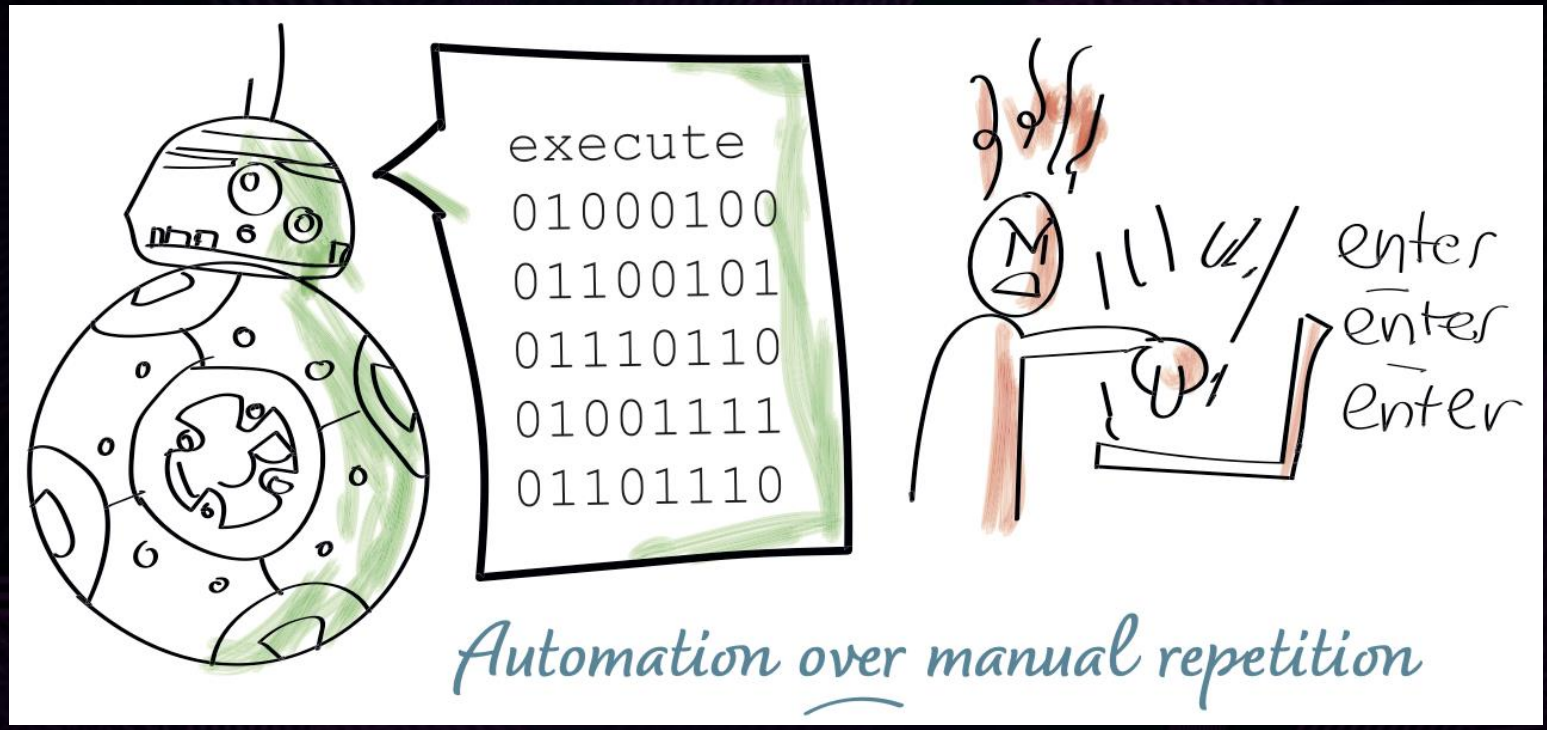
Calculate and (don't) accept


Forgot to update test
Turn off failing test
Build passes
Low(er) test coverage
Bug reported
Hot fix (quickly!)

DevOps teams are better
(in handling tech debt)

CODE
PLAN
BUILD
Dev
TEST
RELEASE
DEPLOY
OPERATE
Ops
MONITOR

FEEDBACK
Early feedback over late feedback


execute
01000100
01100101
01110110
01001111
01101110
enter
enter
enter
Automation over manual repetition

DoD

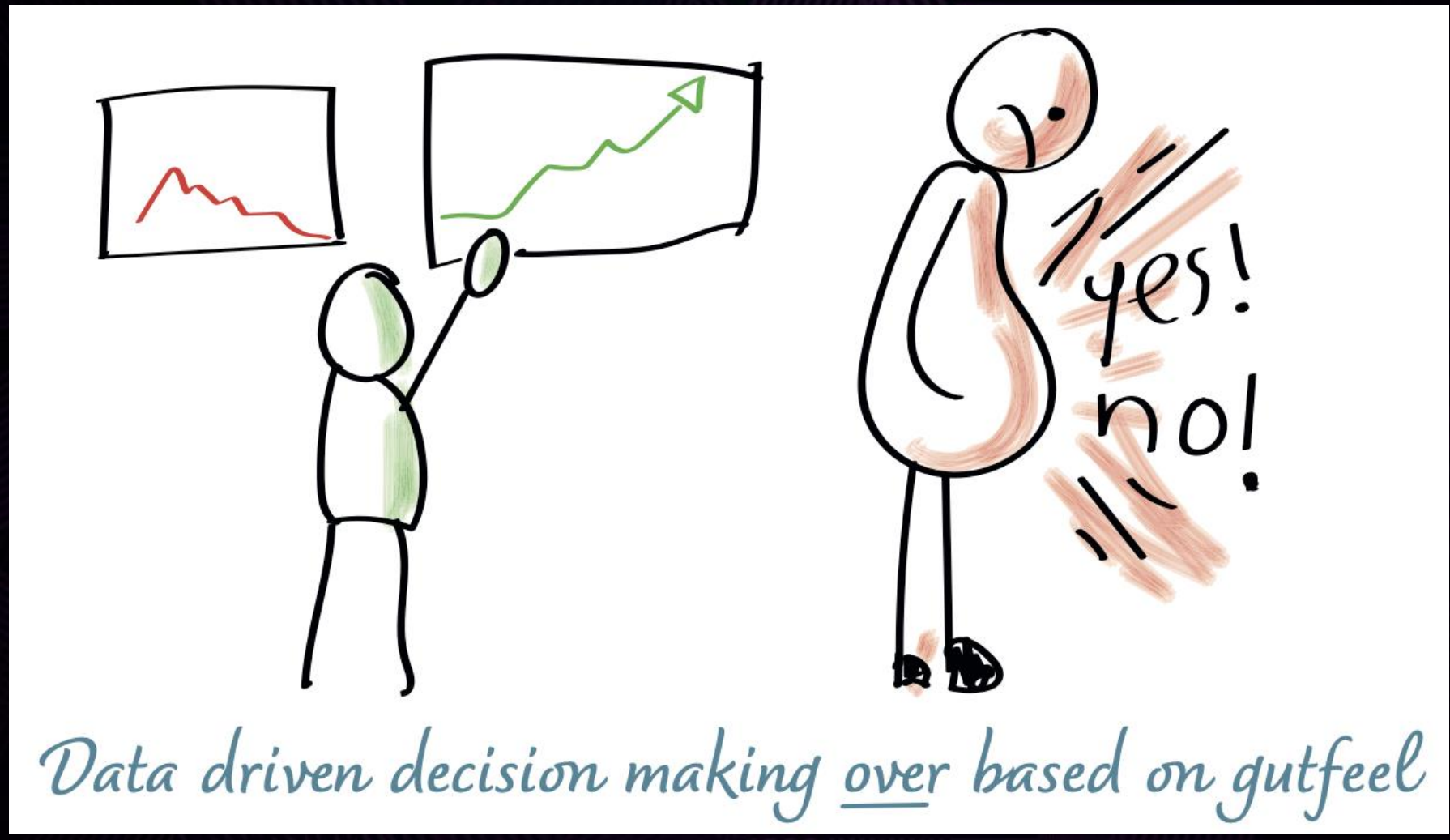
(the bank)

QUAlity
QUALITY
Inbuild quality over quality as an afterthought

*"Everything not (yet) given to an end-user, remains an **untested hypothesis**"*

Flow

Decisions


yes!
no!
Data driven decision making over based on gutfeel

AHP

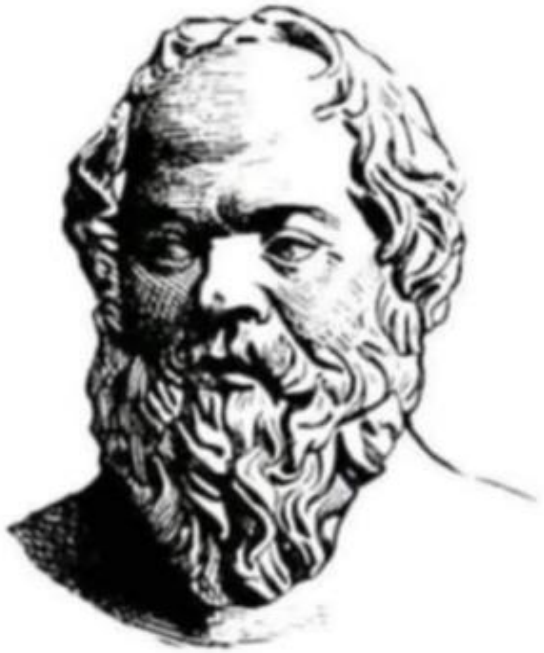
	Performance	Security	Usability	Cost	Assistance
Performance	1	9	5	2	1
Security	1/9	1	1/3	1/9	1/9
Usability	1/5	2	1	1/3	1/4
Cost	1/2	9	3	1	1/2
Assistance	1	9	4	2	1

Pugh

Pugh Matrix				
Criteria	***Weight***	*solution #1*	*solution #2*	*solution #3*
Performance	18	-2	0	0
Security	2	2	1	0
Usability	4	1	1	0
Cost	14	0	1	0
Assistance	17	2	0	0
Points	*55*	6,0	20,0	0,0

"Good is good enough"

"ehh, good enough"



- Mediocrates

Good enough
over
Total conformance

"Stop analysing old data!"

"No debt withouth a plan!"

"TD == top of the backlog"

"Start automating DoD stuff"

"Make data-driven decisions"

?

https://github.com/EwaldVerhoeven/DevConfPL

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