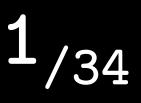


Quality vs. Quantity

Yegor Bugayenko Joker 2018 St.Petersburg, Russia 20 October 2018

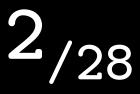






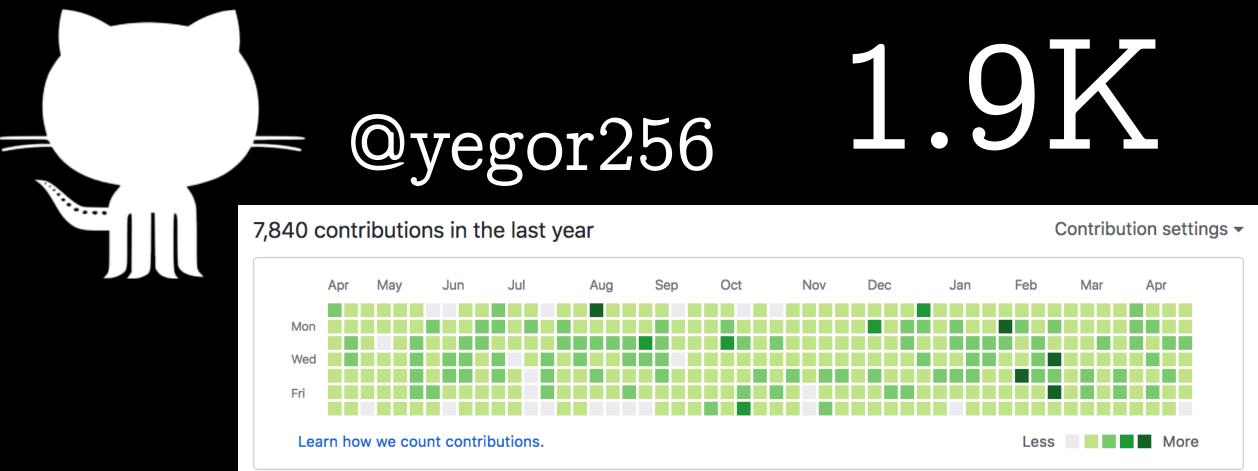
Mistakes must be forgivable, not enough code-not.

zerocracy.com



Zerocracy







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cactoos.org







3rd Volume Summer 2019



Code Ahead

by Yegor Bugayenko

TL;DR It's an autobiographical fiction book about a software architect who is involved in programming, DevOps, testing, quality assurance and control, corporative management, project management, and...love.

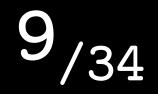
Volume 1



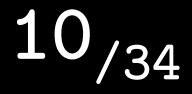




Quality?

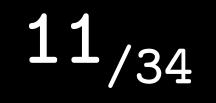


Bad Guys?





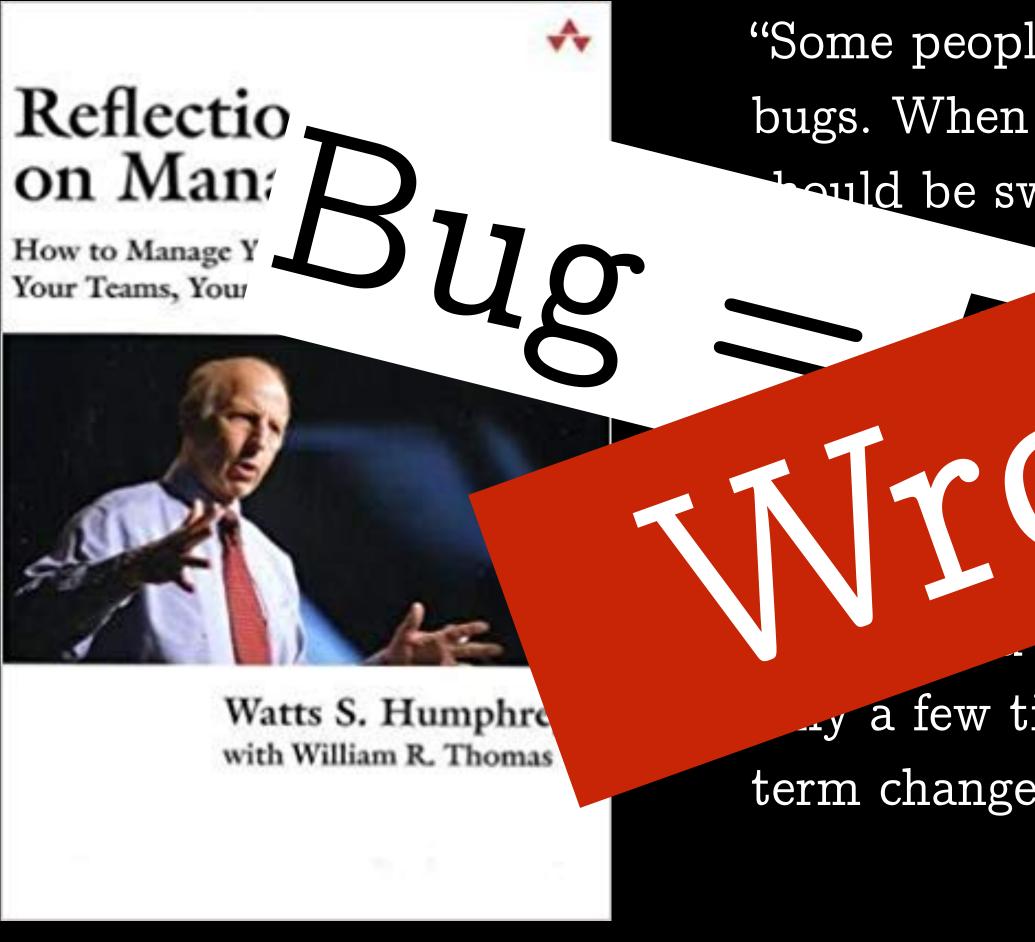
Can We Improve?





"A good programmer will e code, ess Bugs "





bu

re

attitude. Thus, when

ppose, however,

bugs left in a

"Some people mistakenly refer to software defects as bugs. When called bugs, they seem like pesky things that hould be swatted or even This trivializes a

noroughly tested a parties of a few time bombs left in it? Just using a term changes your attitude entirely."





Fear Driven Development



"If you're <u>scared</u> of making changes, you can't make something dramatically better, or do that big code cleanup. Maybe you can't even deploy the code that you already wrote and tested, because it feels too scary. You just want to stick what's <u>sort-of-working</u>, even if it's not great."

> "Fear makes you a worse programmer" Julia Evans, https://goo.gl/MeLGxN



Stale Branches

Tech Debt











Fix the Process, not People



<u>Blame-Free</u> Environment



Repository Staging

Programmers



Pipeline

Production

End-Users



Reject It!

Staging

Repository

Production



Pragmatic Programmers



Design and Deploy **Production-Ready Software**



Michael T. Nygard

"Each stage of a build pipeline is looking for reasons to reject the build. Tests failed? <u>Reject</u> it. Lint complains? <u>Reject</u> it. Build fails integration tests in staging? <u>Reject</u> it. Finished archive smells funny? <u>Reject</u> it."





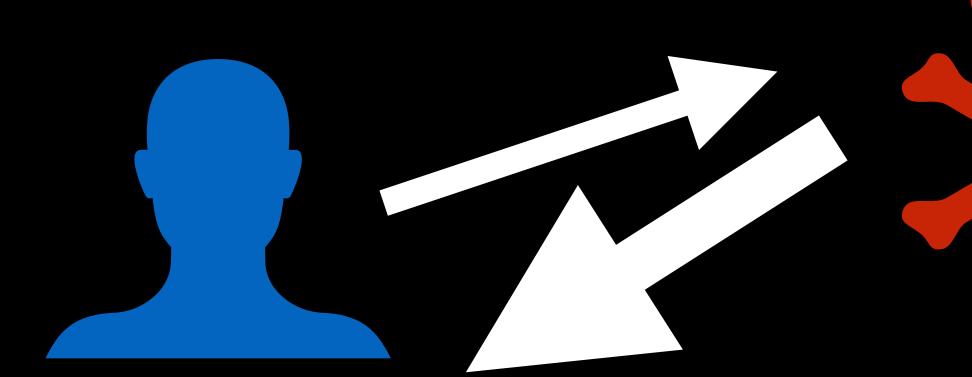








Programmers

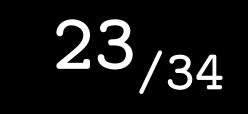




Эннн

@yegor256

Repository







anti-duplicates

Warnings

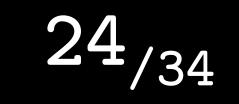








enforcer(s)

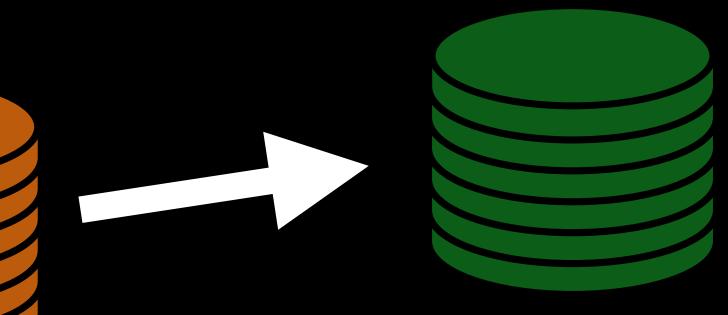


Testers, Not Approvers

Repository

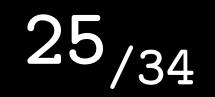
3

Testers



Production





The ART of SOFTWARE TESTING



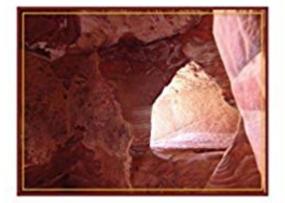
SECOND EDITION

GLENFORD J. MYERS Revised and updated by Tom Badgett and Todd M. Thomas with Corey Sandler



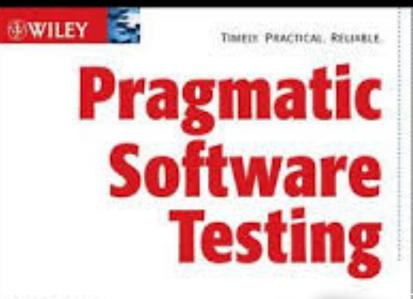
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Second Edition

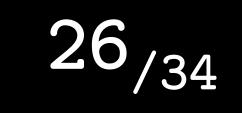
Cem Kaner Jack Falk Hung Quoc Nguyen



Code Ahead by Yegor Bugayenko

TL;DR It's an autobiographical fiction book IL;DK It's an autobiographical fiction book about a software architect who is involved in programming, DevOps, testing, quality assurance and control, corporative management, project programming, vevups, testing, quality assurance and control, corporative management, project management, and...love.

Volume 1

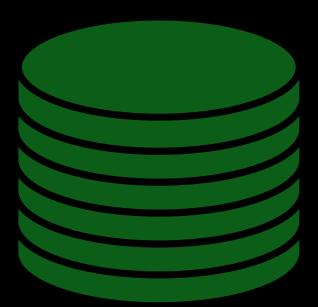


Programmers

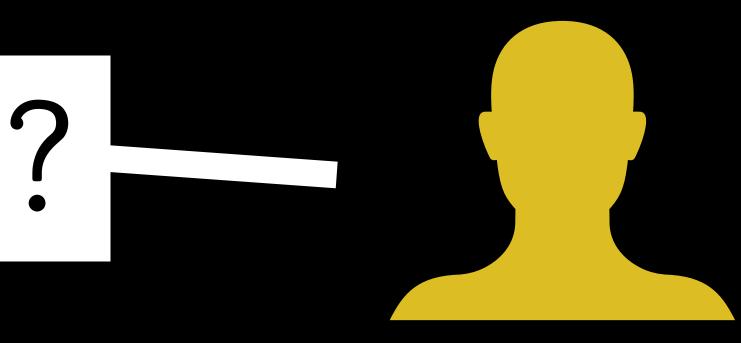


@yegor256

A Crash Fast



Production



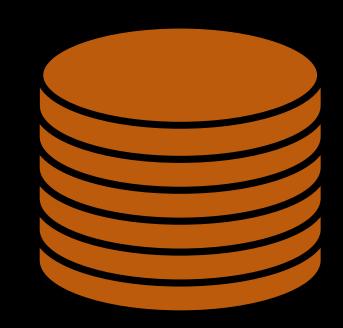
End-Users







Repository



5

Staging

Encourage Bugs

Testers

Programmers

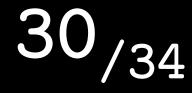


Reports

We pay per each bug reported

@yegor256

Zerocracy \$\$\$





Pull Requests, or Bugs, or... You Are Out!







Speed, not Quality







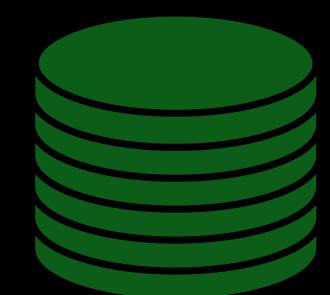
Educate Money People

 $\left(\right)$

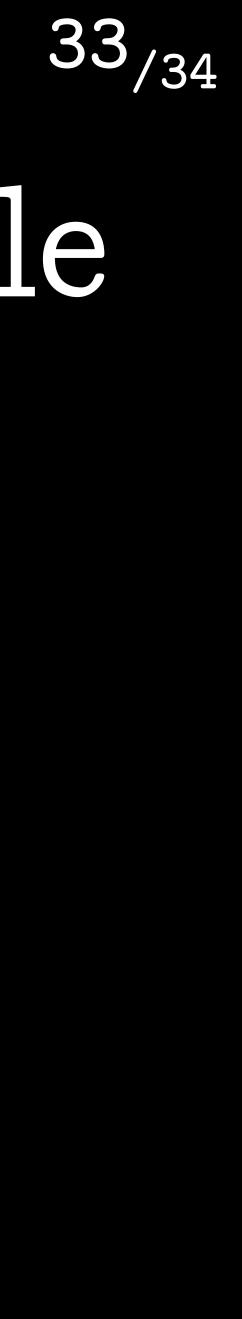
Programmers







Production



It's impossible :(

