All Code Sucks

Why Bad Code is Everywhere and What to Do About It

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What is sucky code?

"Programs are meant to be read by humans and only incidentally for computers to execute."

— Donald Knuth

"It is better to have clean code that doesn't work than crap code that does."

— Robert C. Martin



The Great Hunt for Non Sucky Code





























International Commission on Illumination Commission Internationale de l'Eclairage Internationale Beleuchtungskommission



Why Code Sucks The Statistics Favour Suck

Half of everything is below average



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- Sturgeon's Revelation



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- Sturgeon's Revelation
- The 2 Year Old Programmer Problem



Software Startups



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- The Agile Manifesto

Why Code Sucks The Psychology of Suck

The Illusion of Explanatory Depth



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- The Illusion of Explanatory Depth
- The Lake Wobegon Effect



Why Code Sucks The Psychology of Suck

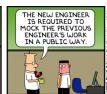
- The Illusion of Explanatory Depth
- The Lake Wobegon Effect
- Availability Bias



What Not To Do Ritual Code Mocking

















Improving Readability

create a fast api endpoint that is called the answer that takes a number and divides it by 2 and then works out what two numbers to add together to make that number. which it returns in a ison package that includes the kevs first number and other number it should also write the number out to a file named after ...

Answer API

An API endpoint that takes a number, and returns the two numbers to add together to make the original number.

Parameters:

- number (int)
- first (int)
- other (int)

. . .



What To Do Based on the work of Michael Feathers

- · Log behavior
- Put the code in a harness
- Get ahead of the offending code with a feature flag
- Side by side rewrite

The Challenge Where I need your help

"It's not that hard..."

— Billy Beane

"It's incredibly hard"

- Ron Washington



Thank You!

Joe J Collins

