

# 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



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- The 2 Year Old Programmer Problem

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## Organisations Tend To Suck

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- The Agile Manifesto

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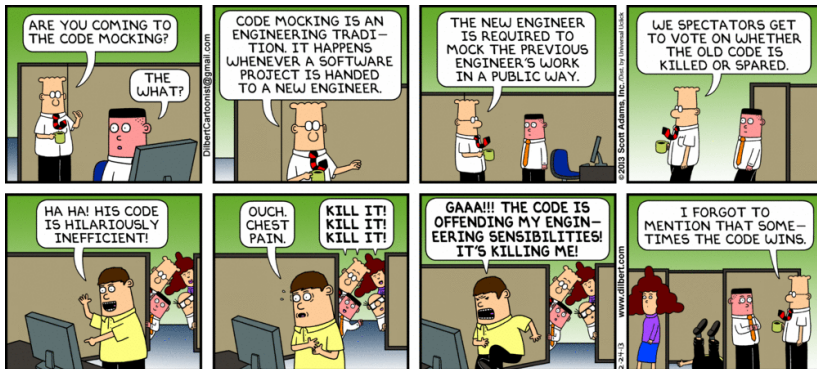
# Why Code Sucks

## The Psychology of Suck

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

# What Not To Do

## Ritual Code Mocking



# What To Do

Based on the work of Michael Feathers

- Put the code in a vice (a test 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!

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