Legacy Coderetreat

Matteo Baglini

@matteobaglini

#lcrb14

CODERS
tuscany user group

Become a Better Developer

Ultimately, greatness comes from practicing; applying the theory over and over again, using feedback to get better every time.

*In software we do our **practicing on the job**, and that's why we make **mistakes on the job**.*

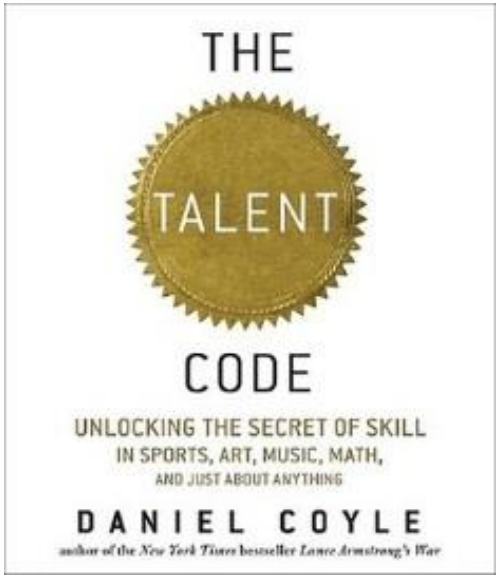
*We need to find ways of **splitting** the **practice** from the **profession**.*

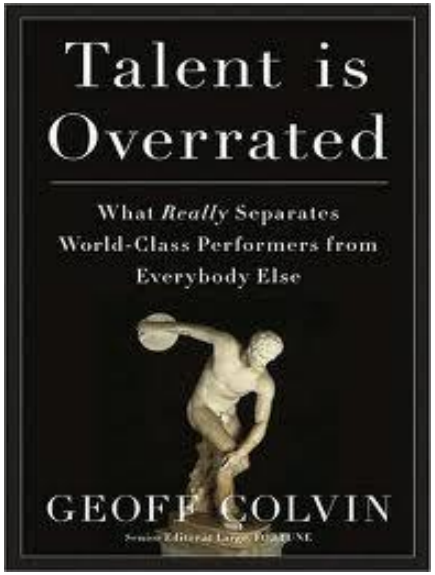
We need practice sessions.

Dave Thomas,
Pragmatic Programmers

Deliberate Practice

Contrary to what you might believe, merely doing your job every day doesn't qualify as ***real practice****.*





The secret is life-long period of deliberate effort to improve performance in a specific domain. The secret is what researcher calls ***Deliberate Practice****.*

Corey Haines

J. B. Rainsberger

Structure of the Day

10:00 - 11:00 Session #1

11:00 - 12:00 Session #2

12:00 - 13:00 Session #3

13:00 - 14:00
Lunch

14:00 - 15:00 Session #4

15:00 - 16:00 Session #5

16:00 - 17:00 Session #6

17:00 - 18:00
Retrospective

Structure of a Session

10' Retrospective

5' Break

RULES!

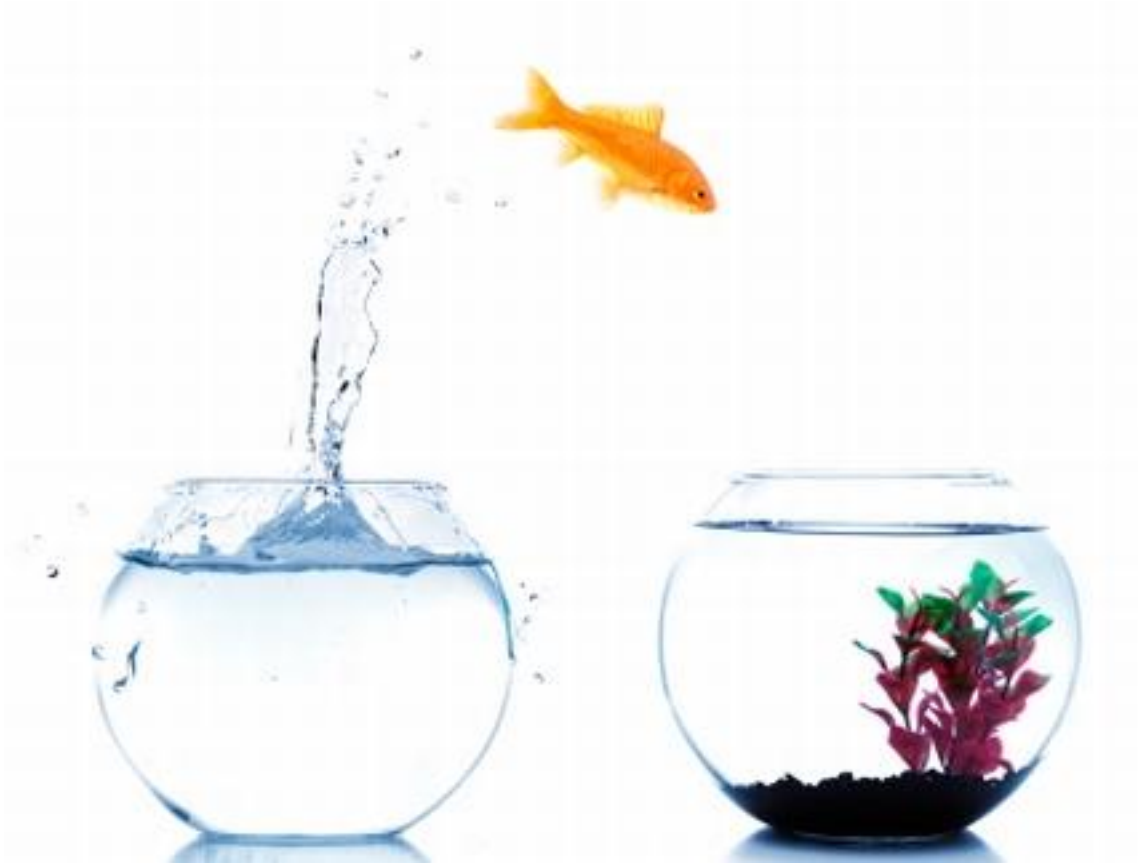
1. You SHALL!
2. You WILL!
3. You MUST!


RELAX

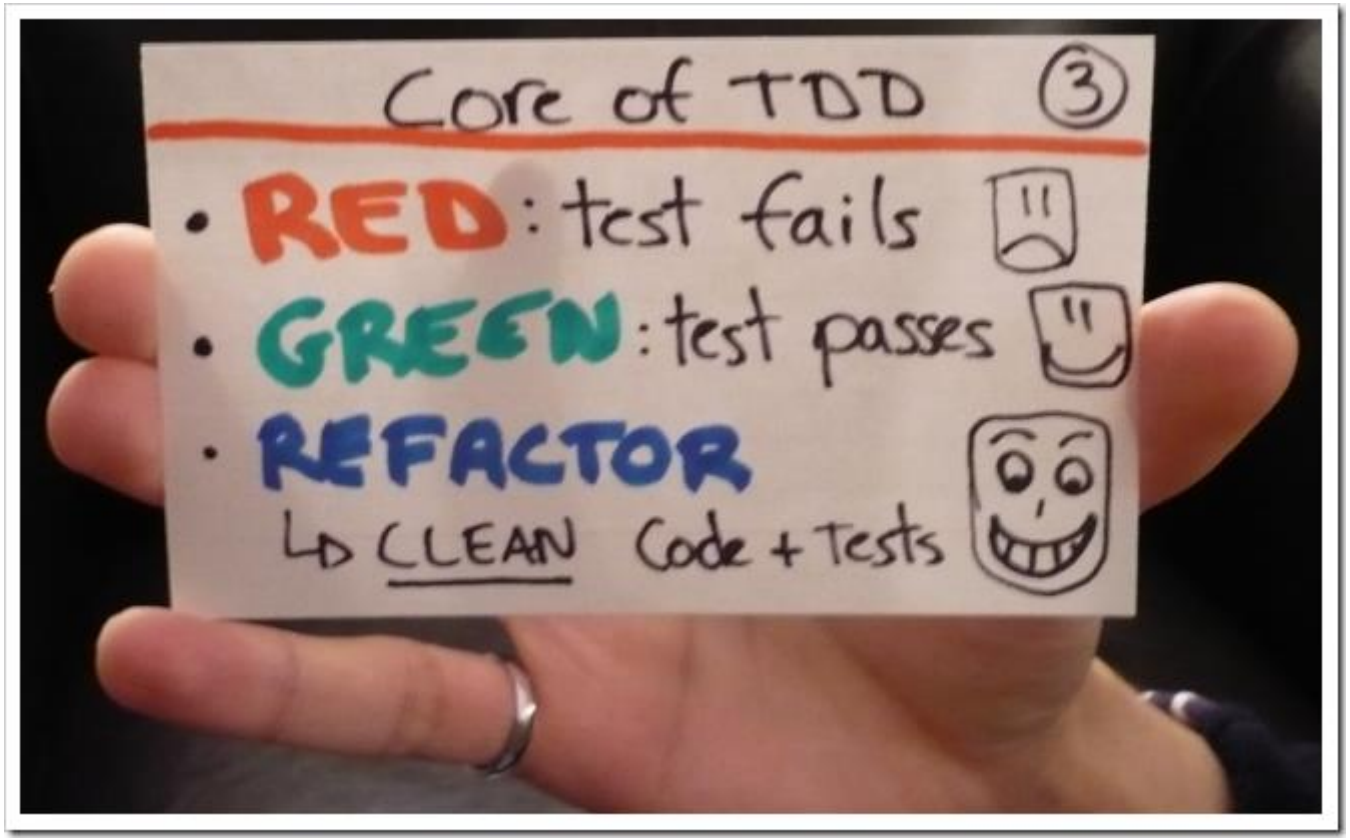
Experiment

Pair Programming

Change Pair



Test-Driven Development



Delete Your Code


Focus
on
WHAT
matters

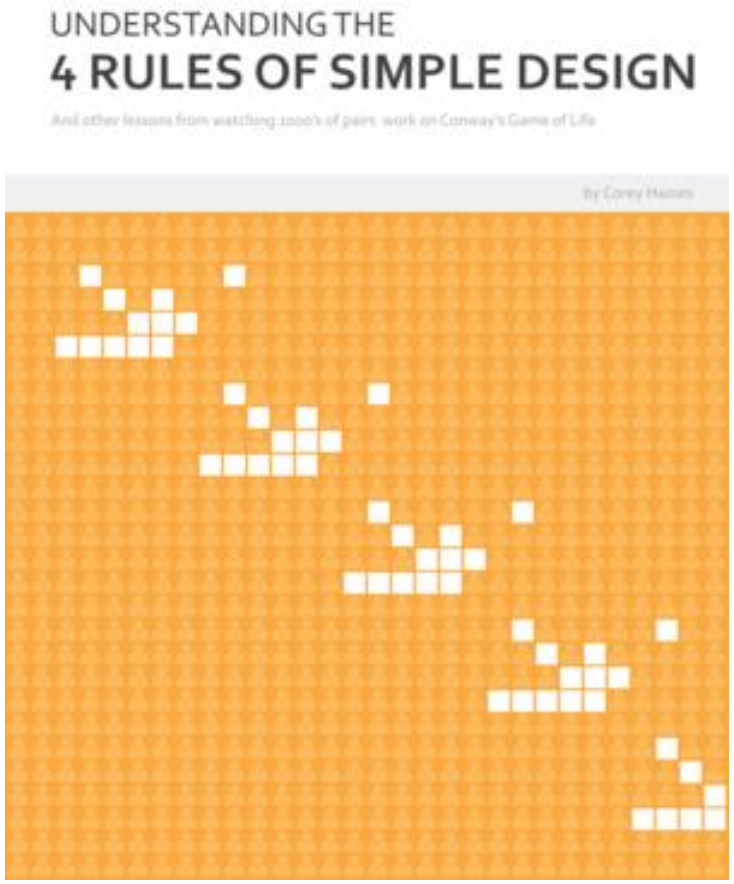
Put Your Code Under Test

Find Bad Code Smell

Find Bad Code Smell

- Duplicated Code
- Long Method
- Large Class
- Long Parameter List
- Divergent Change
- Shotgun Surgery
- Feature Envy
- Data Clumps
- Lazy Class
- Primitive Obsession
- Switch Statements
- Temporary Field
- Message Chains
- Middle Man
- Inappropriate Intimacy
- Data Class
- Comments

Simple Design



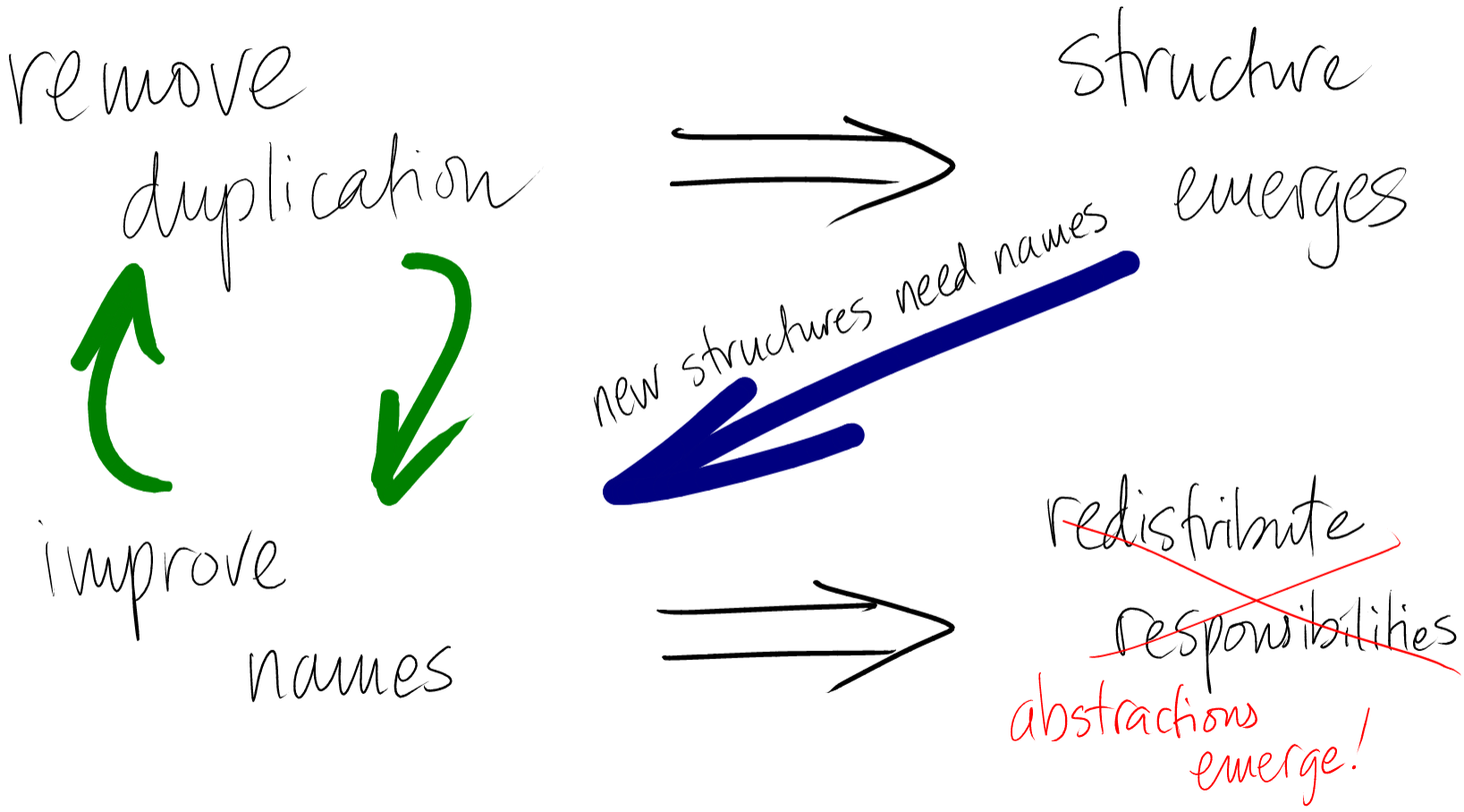
- Passes all the tests
- Contains no duplication
- Express developer intent
- Contains as little code as possible

Simple Design

remove duplication ⟹ structure emerges

improve names ⟹ redistribute responsibilities

Simple Design



Refactor


CLEAN CODE
CLEAN CODE
CLEAN CODE

Let's code together