

Clean Code

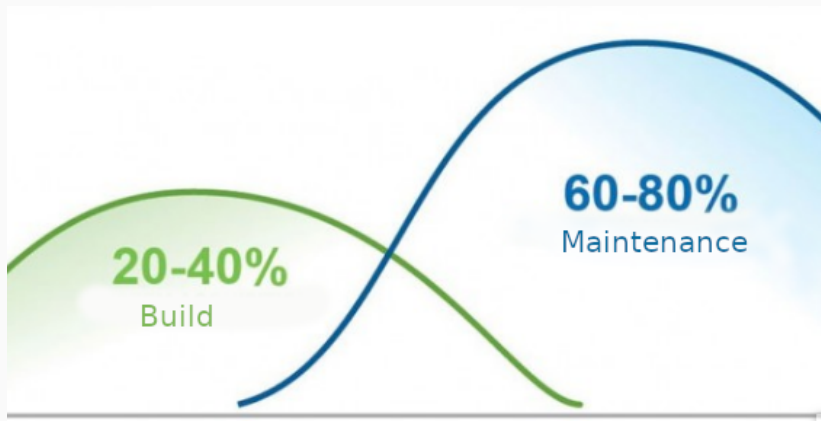
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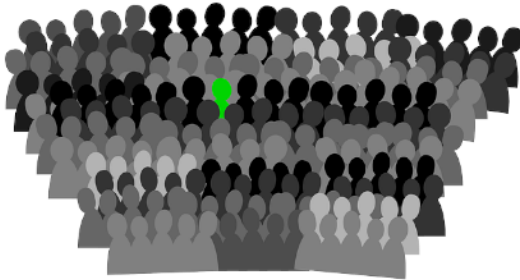
Clean Code



80/20 Rule



Author - Audience



Clean Code Challenges



Creating Worlds





Tweet



Leon "TimeSnapper" Bambrick · Jan 1, 2010

There are 2 hard problems in computer science: cache invalidation, naming things, and off-by-1 errors.



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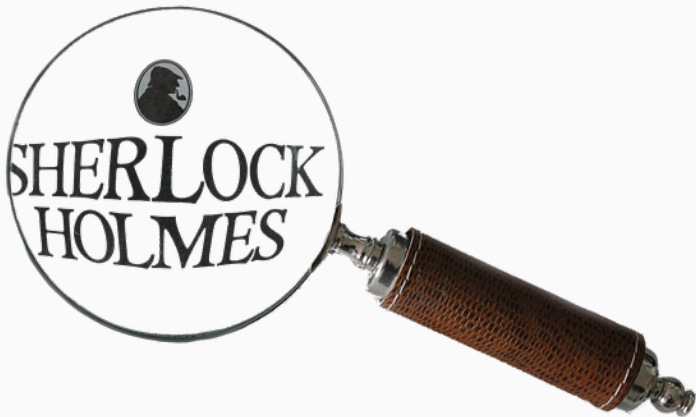


1.4K



1.4K

Intention-Revealing Names/Semantic Context



Single Responsibility Principle



SINGLE RESPONSIBILITY PRINCIPLE

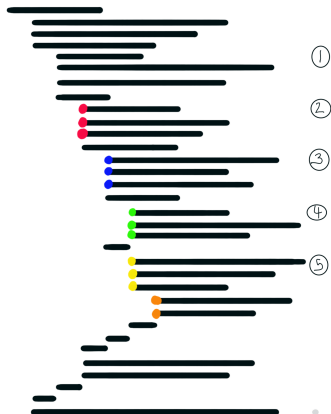
Just Because You Can, Doesn't Mean You Should



Methods Step-Down Rule and DRY



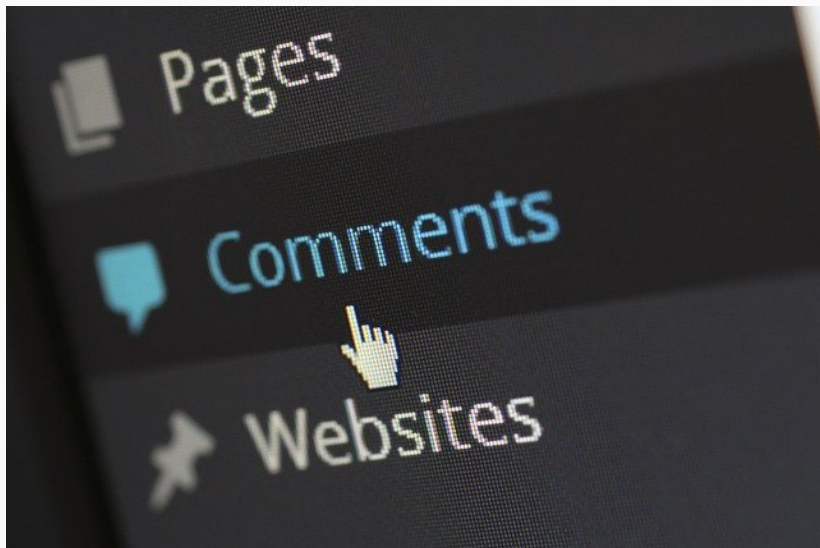
Methods - Big method with too many levels



Methods - Refactored with step-down and Single Responsibility Principle

The diagram illustrates code refactoring using the step-down and Single Responsibility Principle. It features a vertical stack of horizontal black bars representing code blocks. The bars are grouped into six distinct sections, each marked by a colored dot on the left side:

- Section 1 (Red dot):** A group of five horizontal bars.
- Section 2 (Red dot):** A group of five horizontal bars.
- Section 3 (Blue dot):** A group of five horizontal bars.
- Section 4 (Blue dot):** A group of five horizontal bars.
- Section 5 (Green dot):** A group of five horizontal bars.
- Section 6 (Yellow dot):** A group of five horizontal bars.



Essential Complexity, Accidental Complexity, YAGNI



Rewrite, Rewrite, Rewrite



Questions?

