Clean Code

- by C., Martin Robert

"the blocks within if statements, else statements, while statements, and so on should be one line long. Probably that line should be a function call. "
Page No. 108 | Friday, October 21, 2022 5:11:56 AM

"FUNCTIONS SHOULD DO ONE THING. THEY SHOULD DO IT WELL. THEY SHOULD DO IT ONLY. "
Page No. 111 | Friday, October 21, 2022 5:18:07 AM

"Functions that do one thing cannot be reasonably divided into sections. "
Page No. 112 | Friday, October 21, 2022 5:20:47 AM

"Don't be afraid to spend time choosing a name. Indeed, "
Page No. 118 | Friday, October 21, 2022 5:30:54 AM

"Don't be afraid to spend time choosing a name. "
Page No. 118 | Friday, October 21, 2022 5:30:57 AM

"Don't be afraid to make a name long. A long descriptive name is better than a short enigmatic name. "
Page No. 118 | Friday, October 21, 2022 5:31:03 AM

""You know you are working on clean code when each routine turns out to be pretty much what you expected." "
Page No. 118 | Friday, October 21, 2022 5:31:13 AM

"Flag arguments are ugly. "
Page No. 122 | Friday, October 21, 2022 5:36:31 AM

"Passing a boolean into a function is a truly terrible practice. "
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"Functions that take three arguments are significantly harder to understand than dyads. "
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"Reducing the number of arguments by creating objects out of them may seem like cheating, but it's not. "
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"When groups of variables are passed together, the way x and y are in the example above, they are likely part of a concept that deserves a name of its own. "
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"If you must have a temporal coupling, you should make it clear in the name of the function. "
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"Anything that forces you to check the function signature is equivalent to a double-take. "
Page No. 129 | Friday, October 21, 2022 5:45:22 AM

"Functions should either do something or answer something, but not both. "
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"Try/catch blocks are ugly in their own right. "
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"So it is better to extract the bodies of the try and catch blocks out into functions of their own. "
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"Error handling is one thing. "
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"Functions should do one thing. "
Page No. 134 | Saturday, December 31, 2022 2:31:39 PM

"Error handling is one thing. Thus, a function that handles errors should do nothing else. "
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"object-oriented programming serves to concentrate code into base classes that would otherwise be redundant. "
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"Structured programming, Aspect Oriented Programming, Component Oriented Programming, are all, in part, strategies for eliminating duplication. "
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"Dijkstra said that every function, and every block within a function, should have one entry and one exit. "
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"if you keep your functions small, then the occasional multiple return, break, or continue statement does no harm "
Page No. 138 | Saturday, December 31, 2022 2:35:09 PM

"The art of programming is, and has always been, the art of language design. "
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"never forget that your real goal is to tell the story of the system, "
Page No. 140 | Saturday, December 31, 2022 2:38:45 PM

"the functions you write need to fit cleanly together into a clear and precise language to help you with that telling. "
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"Master programmers think of systems as stories to be told rather than programs to be written. "
Page No. 140 | Saturday, December 31, 2022 2:39:16 PM

""Don't comment bad code—rewrite it." "
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"Nothing can clutter up a module more than frivolous dogmatic comments. "

Page No. 147 | Sunday, January 1, 2023 7:59:04 AM

"comments are, at best, a necessary evil. "
Page No. 147 | Sunday, January 1, 2023 8:00:44 AM

"The proper use of comments is to compensate for our failure to express "
Page No. 148 | Sunday, January 1, 2023 8:01:03 AM

"The proper use of comments is to compensate for our failure to express ourself in code. "
Page No. 148 | Sunday, January 1, 2023 8:01:09 AM

"Comments are always failures. "
Page No. 148 | Sunday, January 1, 2023 8:04:20 AM

"Every time you express yourself in code, you should pat yourself on the back. Every time you write a comment, you should grimace and feel the failure of your ability of expression. "
Page No. 148 | Sunday, January 1, 2023 8:04:42 AM

"Programmers can't realistically maintain them. "
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"would rather that energy go toward "
Page No. 149 | Sunday, January 1, 2023 8:12:04 AM

"would rather that energy go toward "
Page No. 149 | Sunday, January 1, 2023 8:12:08 AM

"But I would rather that energy go toward making the code so clear and expressive that it does not need the comments in the first place. Inaccurate "
Page No. 149 | Sunday, January 1, 2023 8:12:24 AM

"But I would rather that energy go toward making the code so clear and expressive that it does not need the comments in the first place. "
Page No. 149 | Sunday, January 1, 2023 8:12:40 AM

"But I would rather that energy go toward making the code so clear and

expressive that it does not need the comments in the first place. ”
Page No. 149 | Sunday, January 1, 2023 8:12:47 AM

“I would rather that energy go toward making the code so clear and expressive that it does not need the comments in the first place. ”
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“Rather than spend your time writing the comments that explain the mess you’ve made, spend it cleaning that mess. ”
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