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."

Page No. 122 | Friday, October 21, 2022 5:36:34 AM

"Functions that take three arguments are significantly harder to understand than dyads."

Page No. 124 | Friday, October 21, 2022 5:39:06 AM

"Reducing the number of arguments by creating objects out of them may seem like cheating, but it's not."

Page No. 125 | Friday, October 21, 2022 5:40:02 AM

"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."

Page No. 125 | Friday, October 21, 2022 5:40:12 AM

"If you must have a temporal coupling, you should make it clear in the name of the function."

Page No. 128 | Friday, October 21, 2022 5:44:33 AM

"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." Page No. 130 | Friday, October 21, 2022 5:47:24 AM

"Try/catch blocks are ugly in their own right."

Page No. 133 | Saturday, December 31, 2022 2:30:37 PM

"So it is better to extract the bodies of the try and catch blocks out into functions of their own."

Page No. 133 | Saturday, December 31, 2022 2:30:42 PM

"Error handling is one thing."

Page No. 134 | Saturday, December 31, 2022 2:31:32 PM

"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."

Page No. 134 | Saturday, December 31, 2022 2:31:43 PM

"object-oriented programming serves to concentrate code into base classes that would otherwise be redundant."

Page No. 136 | Saturday, December 31, 2022 2:34:03 PM

"Structured programming, Aspect Oriented Programming, Component Oriented Programming, are all, in part, strategies for eliminating duplication."

Page No. 136 | Saturday, December 31, 2022 2:34:07 PM

"Dijkstra said that every function, and every block within a function, should have one entry and one exit."

Page No. 138 | Saturday, December 31, 2022 2:34:38 PM

"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."

Page No. 140 | Saturday, December 31, 2022 2:37:06 PM

"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."

Page No. 140 | Saturday, December 31, 2022 2:38:54 PM

"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.""

Page No. 147 | Saturday, December 31, 2022 2:39:41 PM

"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."

Page No. 148 | Sunday, January 1, 2023 8:04:58 AM

"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."

"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 8:13:00 AM

"Rather than spend your time writing the comments that explain the mess you've made, spend it cleaning that mess."

Page No. 150 | Tuesday, January 3, 2023 11:32:01 PM

"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."

Page No. 122 | Friday, October 21, 2022 5:36:34 AM

"Functions that take three arguments are significantly harder to understand than dyads."

Page No. 124 | Friday, October 21, 2022 5:39:06 AM

"Reducing the number of arguments by creating objects out of them may seem like cheating, but it's not."

Page No. 125 | Friday, October 21, 2022 5:40:02 AM

"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."

"If you must have a temporal coupling, you should make it clear in the name of the function."

Page No. 128 | Friday, October 21, 2022 5:44:33 AM

"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." Page No. 130 | Friday, October 21, 2022 5:47:24 AM

"Try/catch blocks are ugly in their own right."

Page No. 133 | Saturday, December 31, 2022 2:30:37 PM

"So it is better to extract the bodies of the try and catch blocks out into functions of their own."

Page No. 133 | Saturday, December 31, 2022 2:30:42 PM

"Error handling is one thing."

Page No. 134 | Saturday, December 31, 2022 2:31:32 PM

"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."

Page No. 134 | Saturday, December 31, 2022 2:31:43 PM

"object-oriented programming serves to concentrate code into base classes that would otherwise be redundant."

Page No. 136 | Saturday, December 31, 2022 2:34:03 PM

"Structured programming, Aspect Oriented Programming, Component Oriented Programming, are all, in part, strategies for eliminating duplication."

Page No. 136 | Saturday, December 31, 2022 2:34:07 PM

"Dijkstra said that every function, and every block within a function, should have one entry and one exit."

Page No. 138 | Saturday, December 31, 2022 2:34:38 PM

"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."

Page No. 140 | Saturday, December 31, 2022 2:37:06 PM

"never forget that your real goal is to tell the story of the system,"

"the functions you write need to fit cleanly together into a clear and precise language to help you with that telling."

Page No. 140 | Saturday, December 31, 2022 2:38:54 PM

"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.""

Page No. 147 | Saturday, December 31, 2022 2:39:41 PM

"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."

Page No. 148 | Sunday, January 1, 2023 8:04:58 AM

"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." Page No. 149 | Sunday, January 1, 2023 8:13:00 AM

"Rather than spend your time writing the comments that explain the mess you've made, spend it cleaning that mess."
Page No. 150 | Tuesday, January 3, 2023 11:32:01 PM