

Clean Code

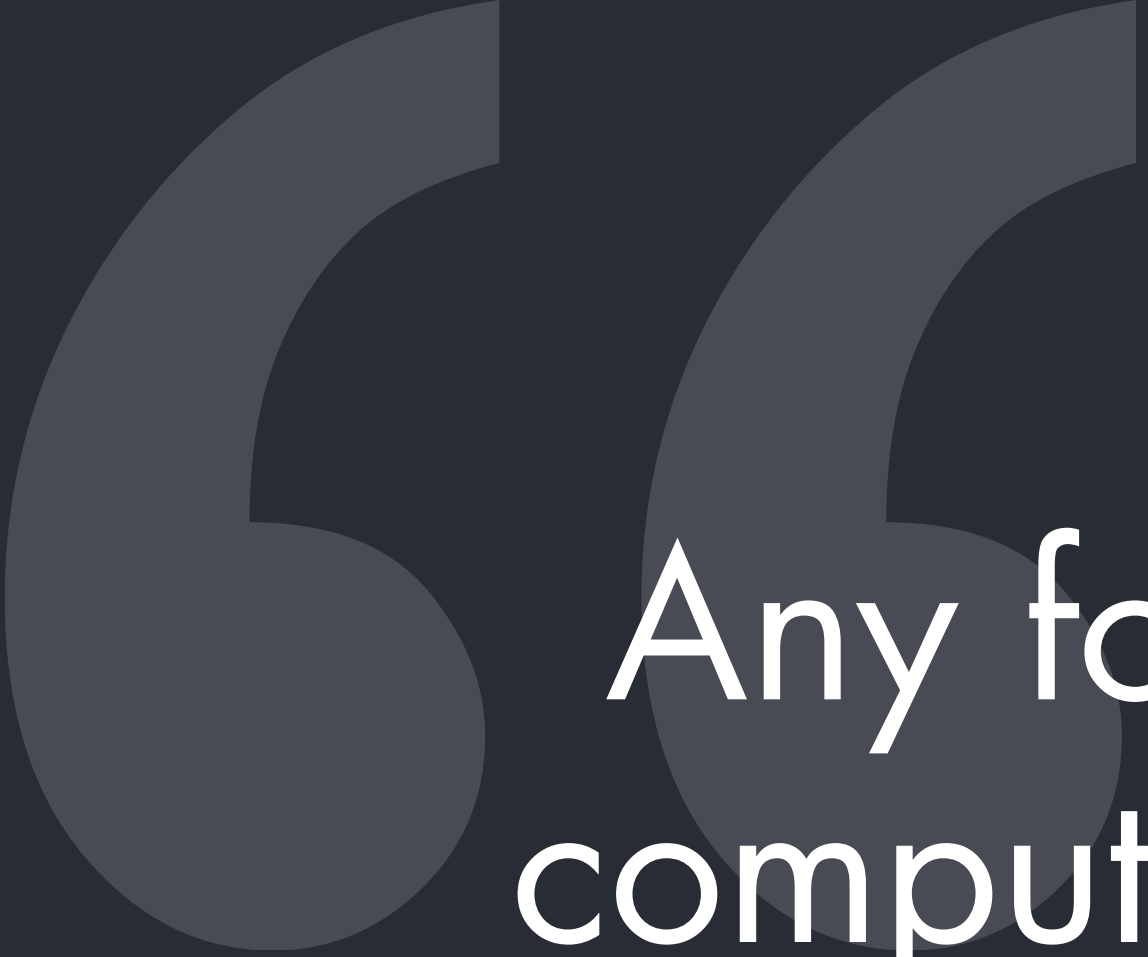
The (Underrated) Art of Naming

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Why naming is important
4 tips to up your name game!

Programming is collaborative

Maintaining code
~~Programming~~ is collaborative



Any fool can write code that a
computer can understand. Good
programmers write code that
humans can understand.

– Martin Fowler

A name should **reveal its intention** without needing to look at code or comments

Use proper parts of speech

Noun	Verb	Predicate
Classes Variables	Methods	Variables Methods
User BankAccount	getName() withdraw()	isEmpty isEven()


```
1  if (trump.isPresident()) {  
2      americans.moveTo(canada)  
3  }  
4
```

Avoid disinformation

contactList

```
1  def get_months
2      %w[january february march april may ...]
3  end
4
```

```
1  def get_month_names
2      %w[january february march april may ...]
3  end
4
```

Mind your scope

```
1  kardashians.each{ |k| keep_up(k) }  
2
```

```
1  def ruin_taylors_day
2    v = kanye.record_phone_call
3
4    kim.post(v, SNAPCHAT)
5    kim.tweet("savage")
6    kim.drop(mic)
7
8    gossip_magazines.each { |m| m.write_scathing_article }
9
10   calvin = taylor.get_ex_boyfriend
11   calvin.tweet("...if you're happy in your new relationship you should "\
12               "focus on that instead of trying to tear your ex bf down...")
13   calvin.tweet("...you need someone new to try and bury like Katy ETC...")
14
15   ultimate_shade = calvin.lip_sync(kanye_songs.get("Famous"))
16   calvin.post(ultimate_shade, SNAPCHAT)
17   calvin.share(v)
18 end
19
```

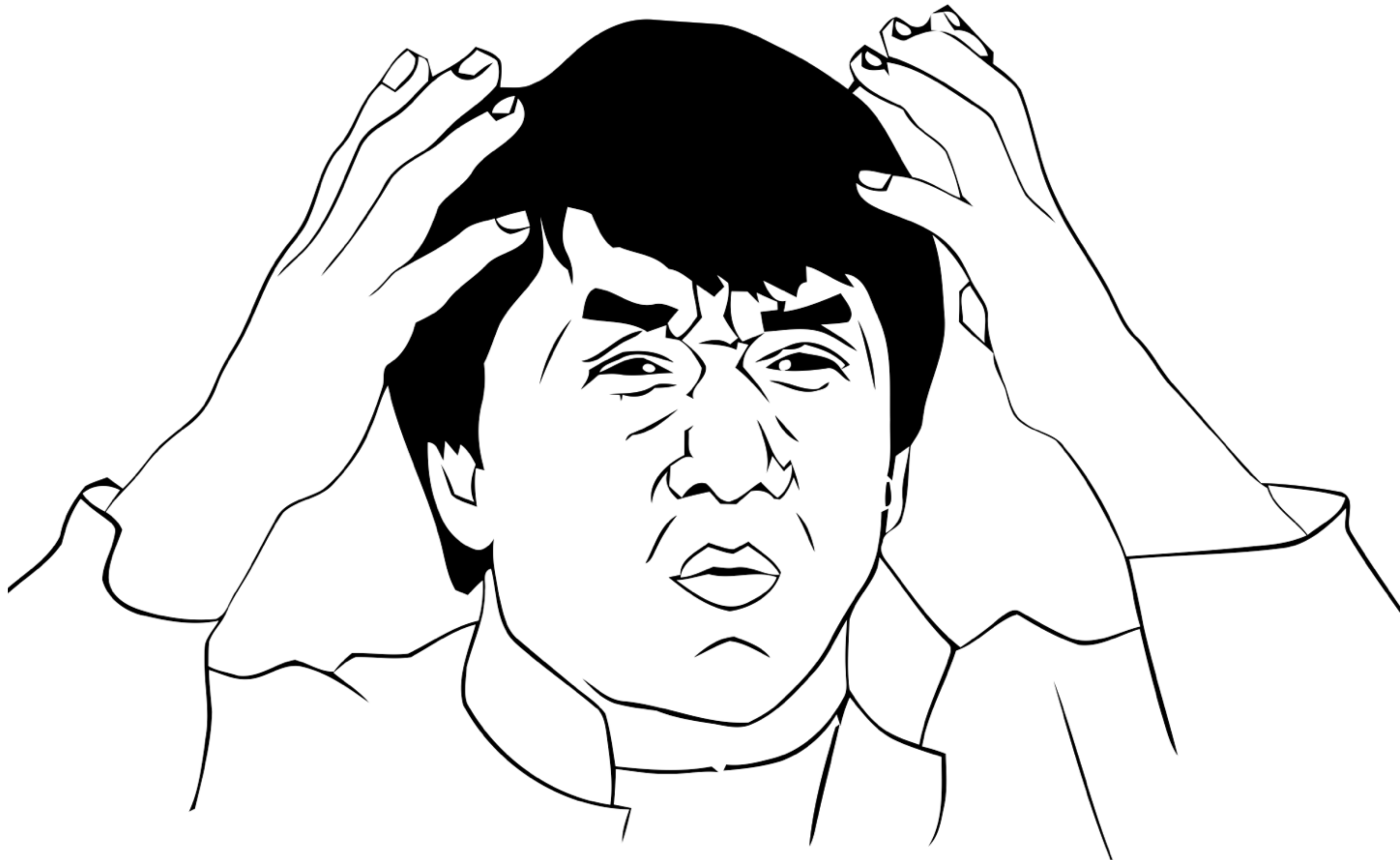


```
1  class Person
2      def breathe
3          contract_diaphragm
4          suck_in_air
5          move_oxygen_from_air_sacs_to_blood
6      end
7  end
8
```

One word per concept

Portfolio

Account



1. Use proper parts of speech
2. Avoid disinformation
3. Mind your scope
4. One word per concept



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Questions ?