Elements of Programming Style

魏恒峰

hfwei@nju.edu.cn

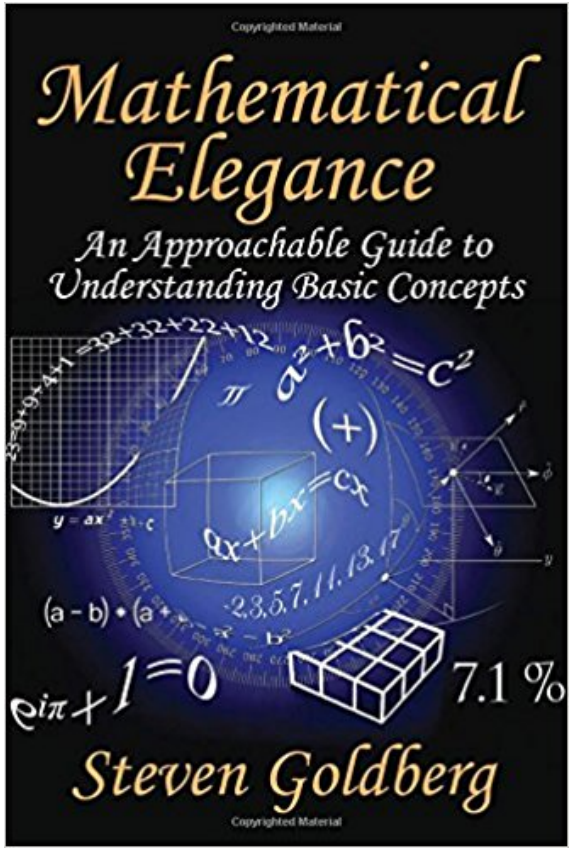
2017 年 12 月 01 日

如何优雅地炫富?

显示全部

关注问题 | 写回答 | 15 条评论 | 分享 | 邀请回答 | ...

查看全部 520 个回答


Copyrighted Material
Mathematical Elegance
An Approachable Guide to Understanding Basic Concepts
$a^2+b^2=c^2$
$(+)$
$ax+bx=cx$
2,3,5,7,11,13,17
$(a-b)\bullet(a$
$e^{i\pi}+1=0$
7.1 %
Steven Goldberg
Copyrighted Material

[redacted] 11:56:56

想问下大家觉得什么是优美的代码，什么是丑的代码

[redacted]1

1:57:08

同问

[redacted] 11:59:20

我可能十八年白活了

[redacted] 11:59:32

[redacted] 12:03:53

请看谷歌的代码规范

[redacted] 11:56:56

想问下大家觉得什么是优美的代码，什么是丑的代码

[redacted] 12:39:39

写一段代码

[redacted] 12:39:47

放十天半个月

[redacted] 12:39:54

等你自己忘了这是干嘛的

[redacted] 12:40:01

自己再看

[redacted]

[redacted] 12:40:17

如果你看了10秒，看懂了，好代码。

[redacted] 12:40:32

如果你破口大骂，这***是谁写的看都看不懂

[redacted] 12:40:34

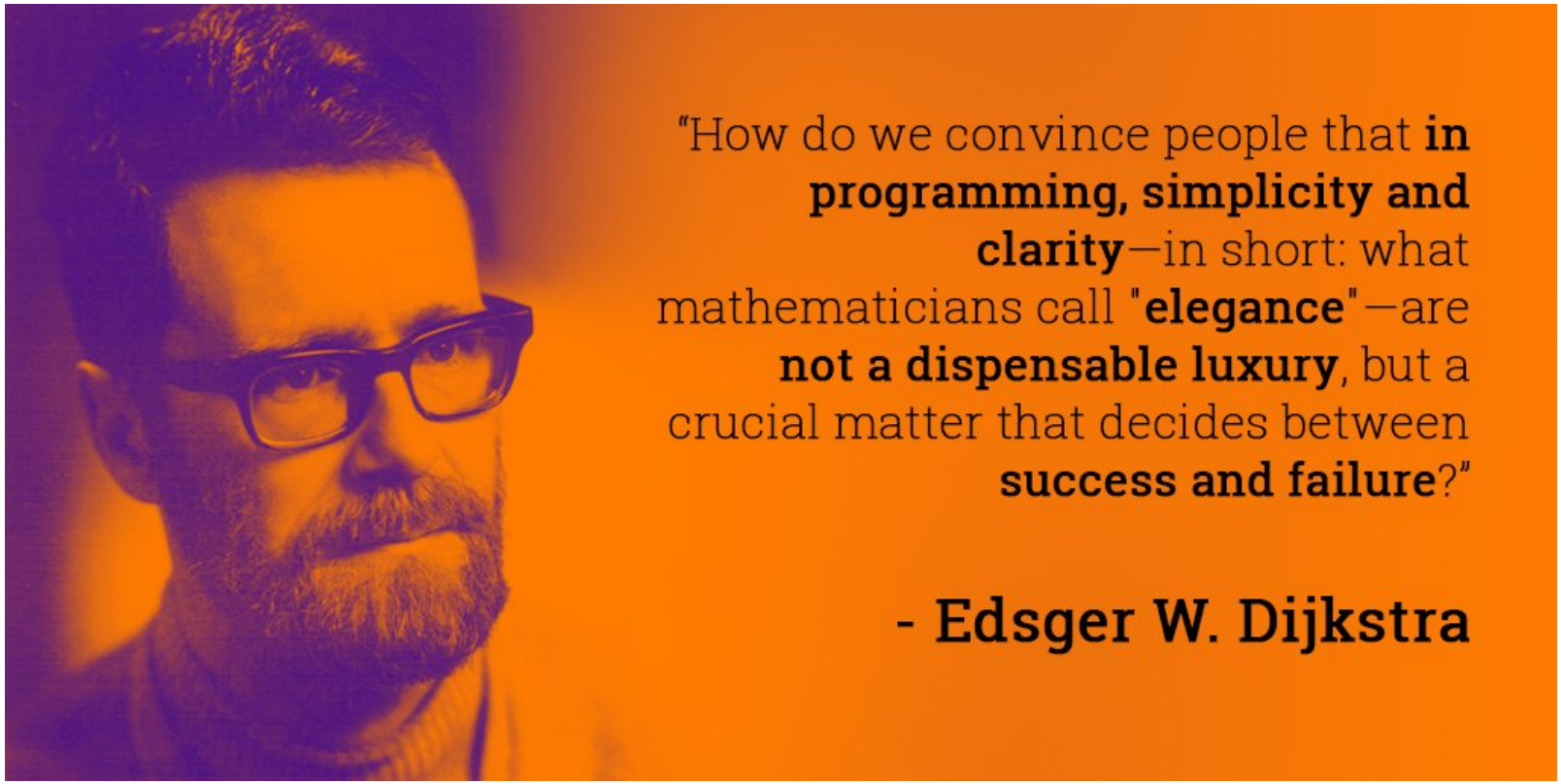
不好的

[redacted] 12:40:10

https://en.wikipedia.org/wiki/Code_smell?wprov=sfla1

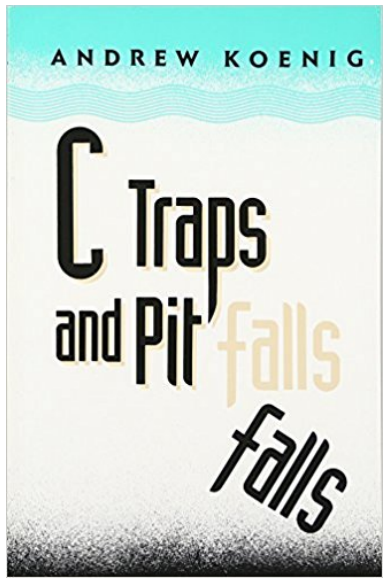
[redacted] 12:49:26

这就是不好的例子： (=<`#9]~6ZY32Vx/4Rs+0No-&Uk)"Fh}|Bcy?`=*z]Kw%oG4UUS0/@-ejc(:'8dc

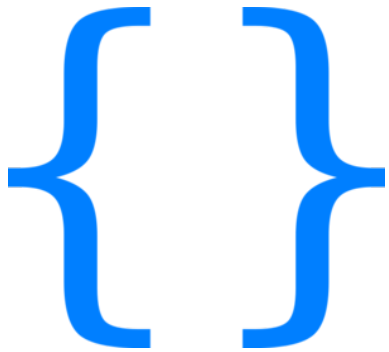

"How do we convince people that **in programming, simplicity and clarity**—in short: what mathematicians call "**elegance**"—are **not a dispensable luxury**, but a crucial matter that decides between **success and failure**?"
- Edsger W. Dijkstra

Google Style Guides

Every major open-source project has its own style guide: a set of conventions (sometimes arbitrary) about how to write code for that project. It is much easier to understand a large codebase when all the code in it is in a consistent style.



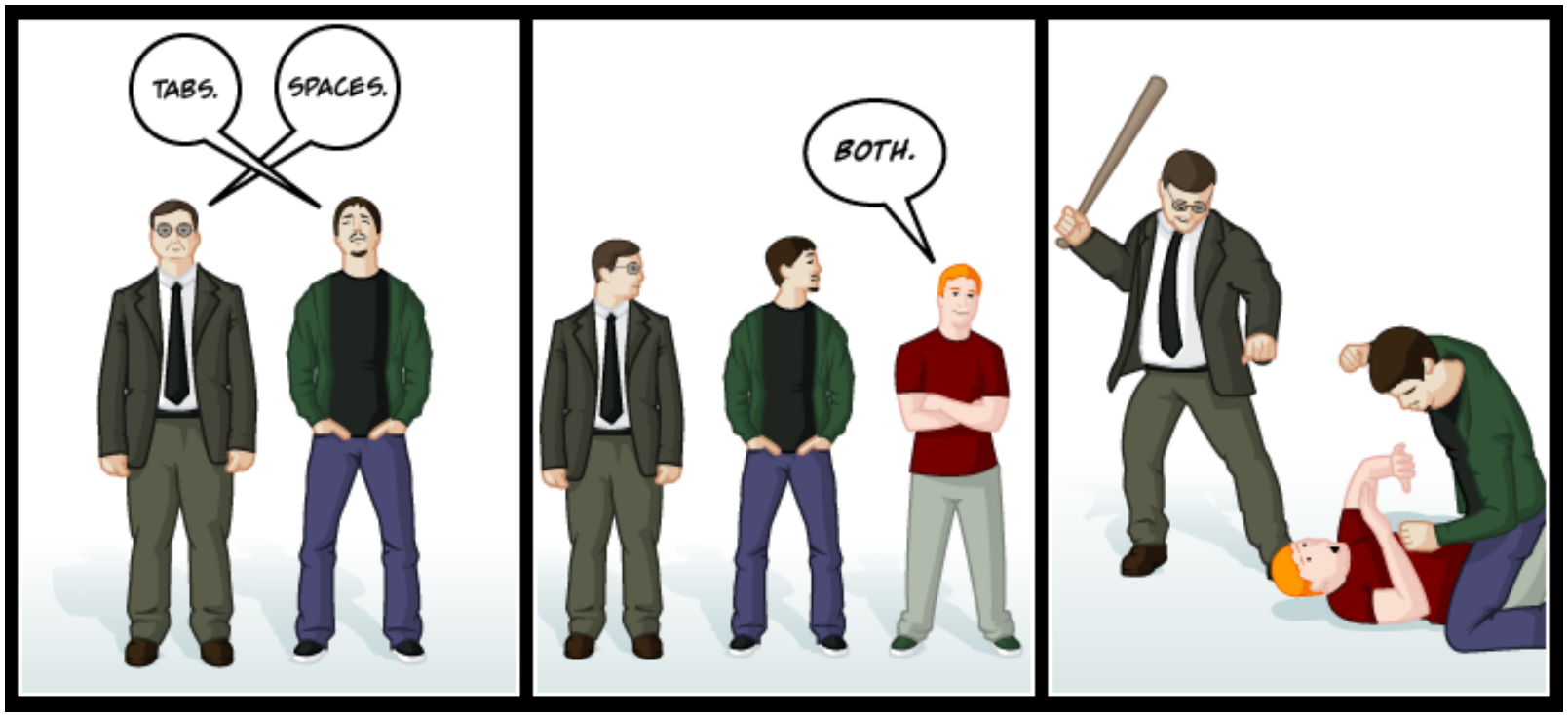
Two (Extreme) Examples on Coding Styles



```
void f() {
  if () {
    ...
  }
}
```

```
void f()
{
  if ()
  {
    ...
  }
}
```

TABS or SPACES?



Developers Who Use Spaces Make More Money Than Those Who Use Tabs

by David Robinson on June 15, 2017

2.9K 39K

Do you use tabs or spaces for code indentation?

This is a bit of a "holy war" among software developers; one that's been the subject of many debates and in-jokes. I use spaces, but I never thought it was particularly important. But today we're releasing the raw data behind the Stack Overflow 2017 Developer Survey, and some analysis suggests this choice matters more than I expected.

Spaces make more money than tabs

Video:

Elements of Programming Style - Brian Kernighan

Thank
You!