What programmers want

@GailOllis
gollis@bournemouth.ac.uk

DON'T MAKE ME WORK ON THIS CODE ANY MORE

IT WAS WRITTEN BY A SOCIOPATH, AN IMBECILE, OR AN EVIL GENIUS

(IT COULD HAVE BEEN ME)

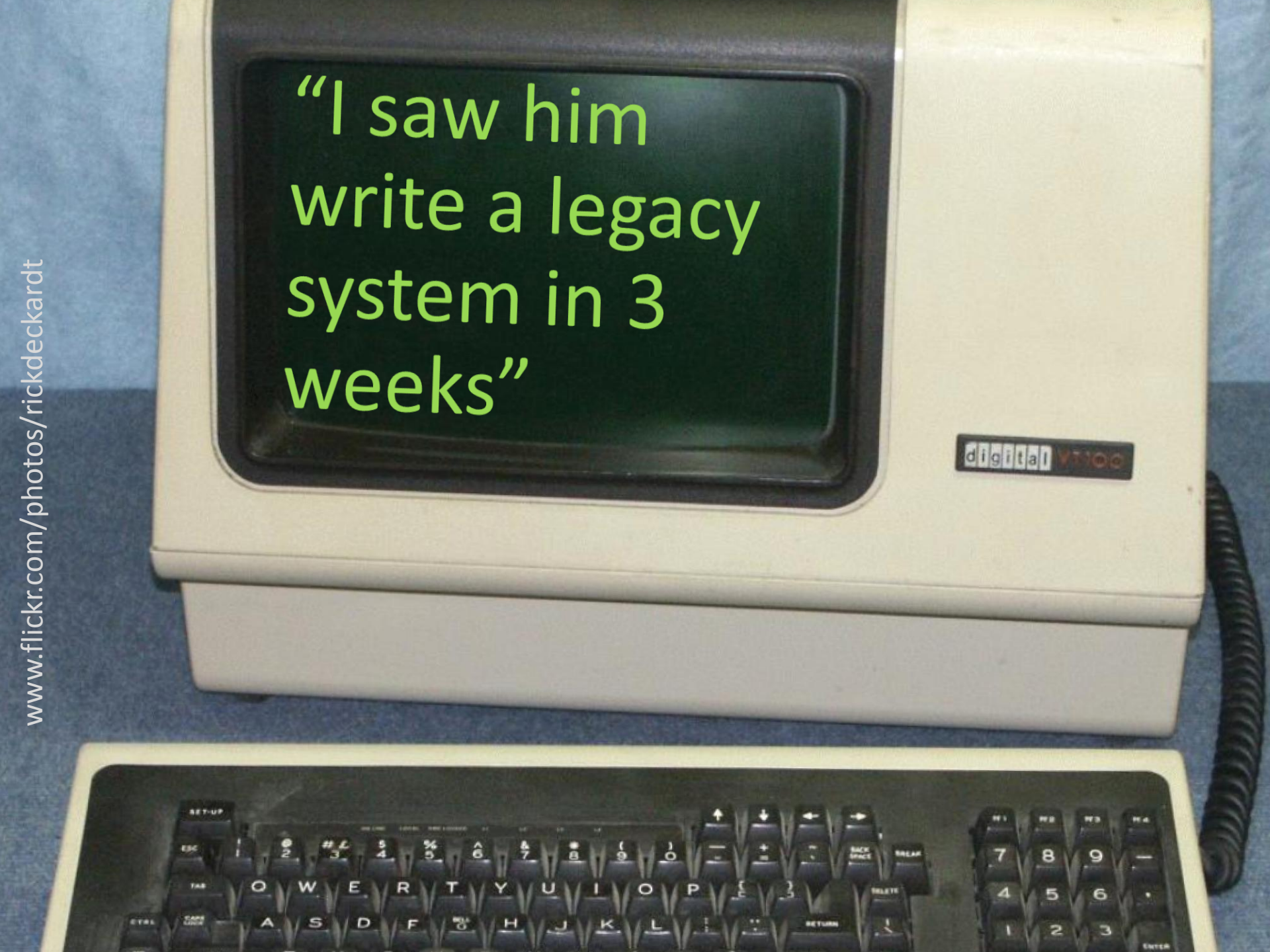
(c) 2012

PETE GOODLIFFE

WHY

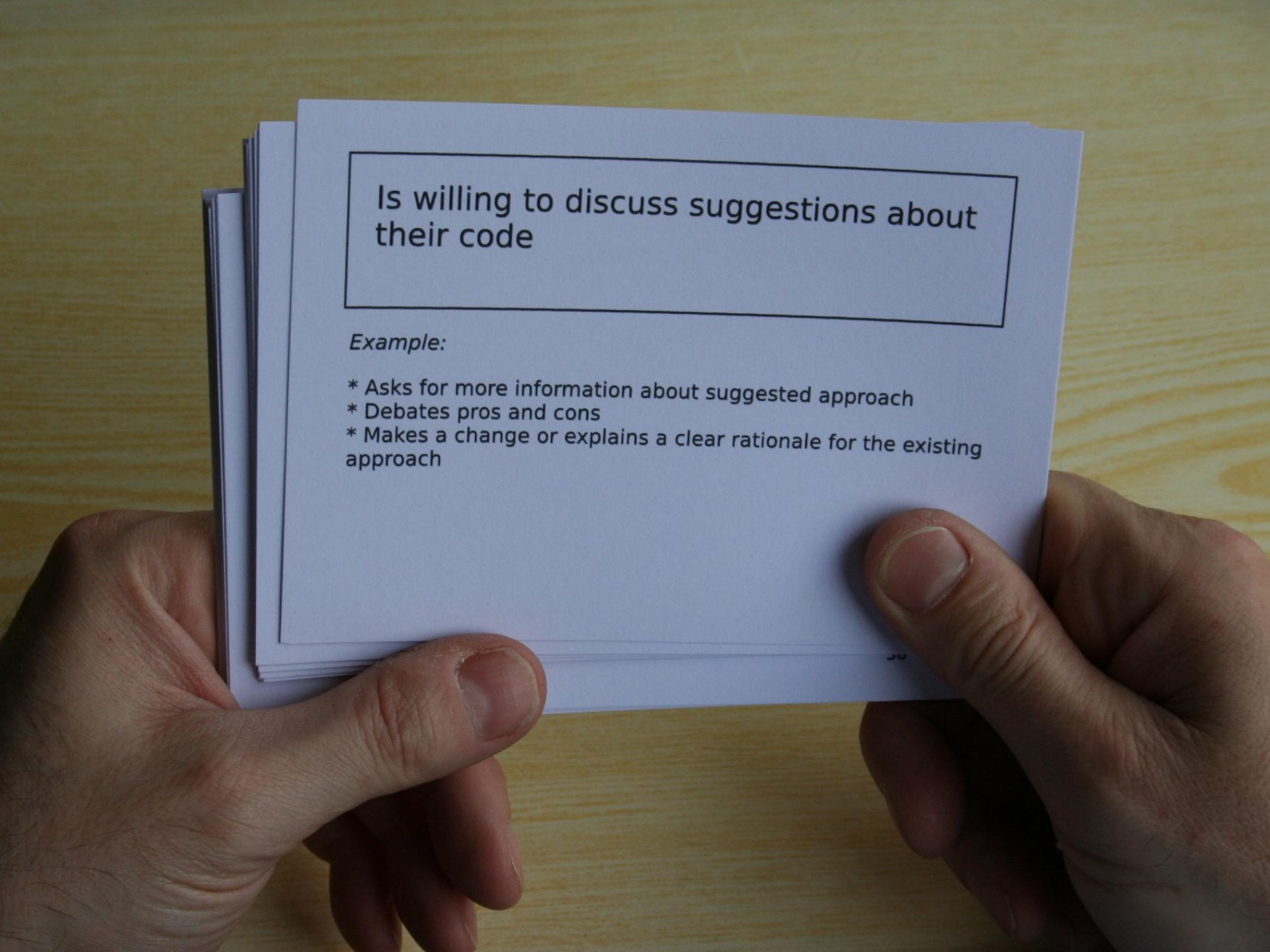
did they do

THAT?



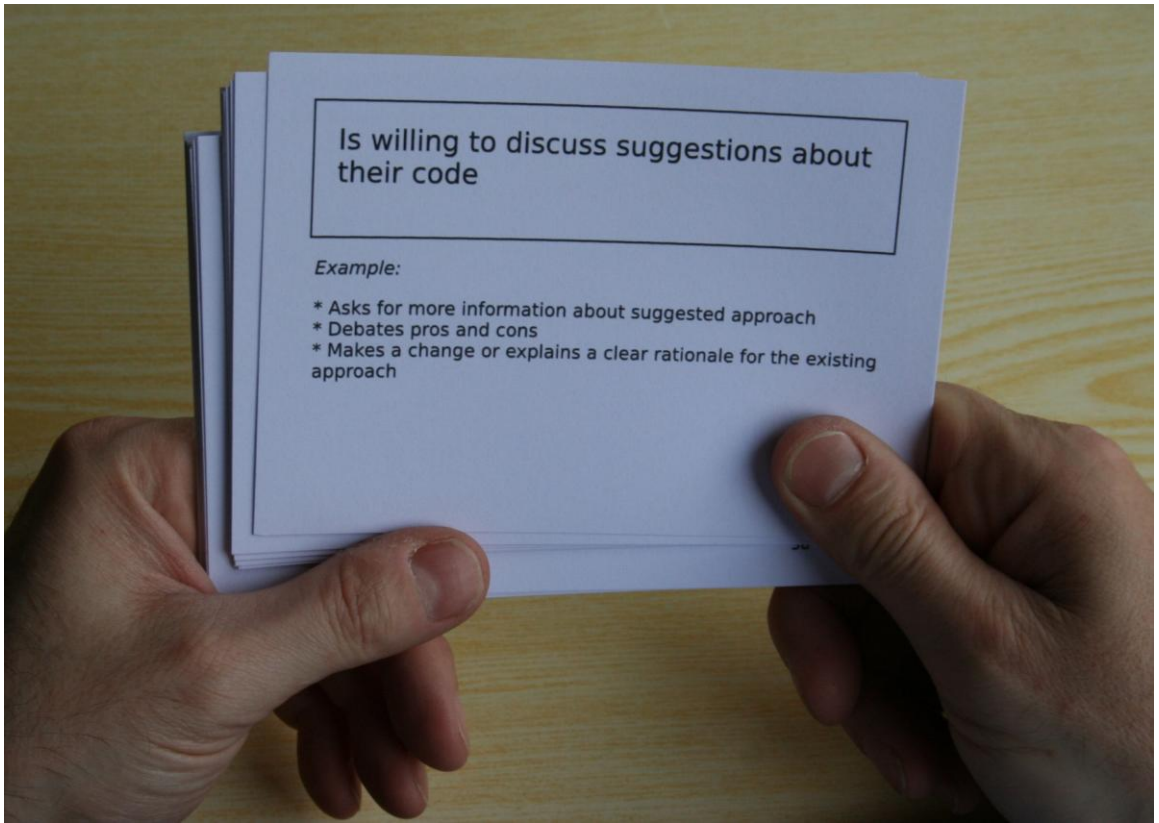
www.flickr.com/photos/rickdeckardt

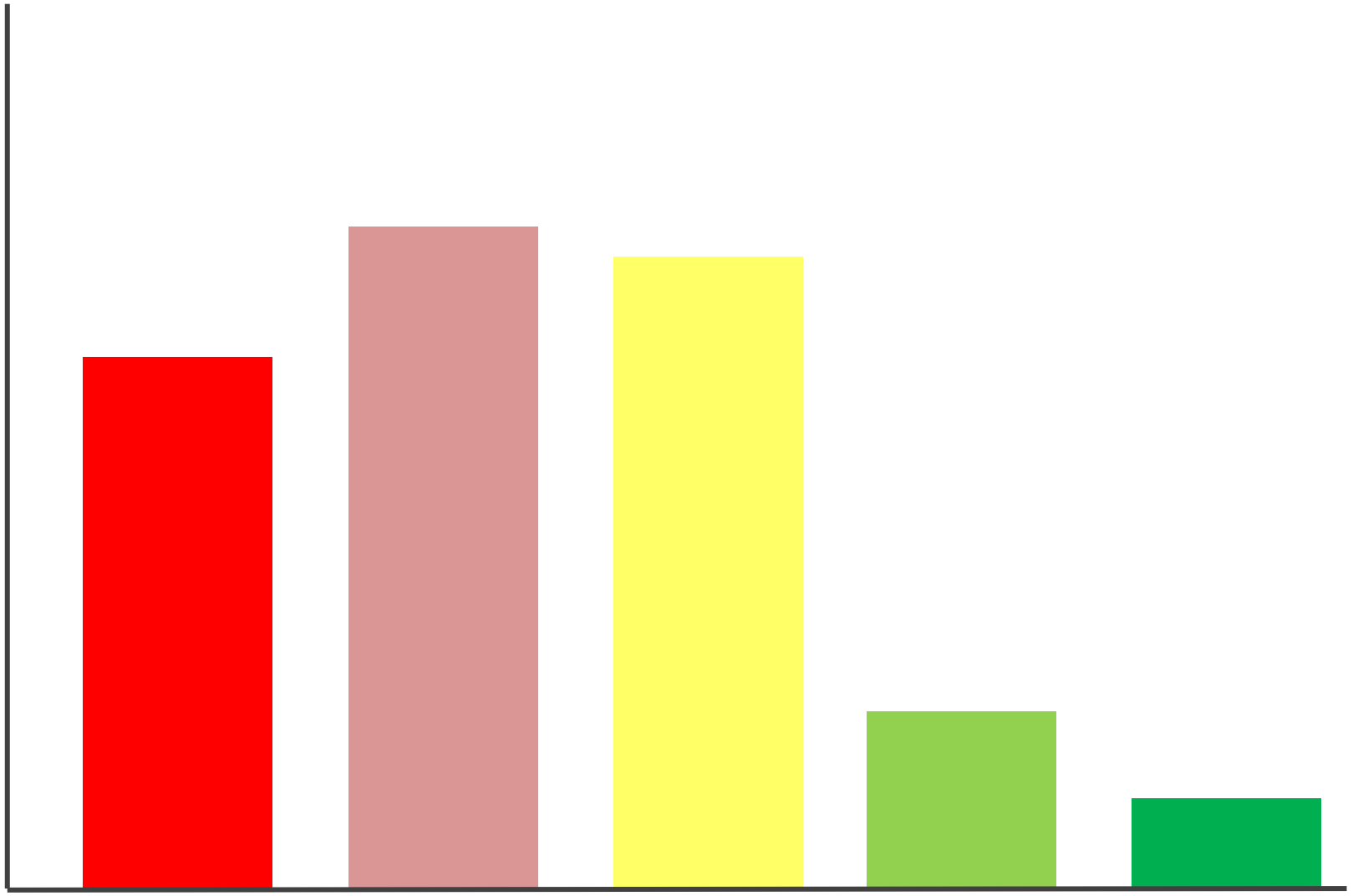
PYCON UK
OFFICIAL
Gail Ollis
is the very model
of a Programmer
Pythonical.
www.pyconuk.org
OLYMPUS
DIGITAL VOICE RECORDER
VN-713PC
MENU
STOP
REC
OK
ERASE
FOLDER
/INDEX
SONY


Is willing to discuss suggestions about their code
Example:
* Asks for more information about suggested approach
* Debates pros and cons
* Makes a change or explains a clear rationale for the existing approach

How are you affected if someone does this?

BAD Noticeable impact	BAD Slight impact	NEUTRAL Little effect on my tasks	GOOD Slight impact	GOOD Noticeable impact

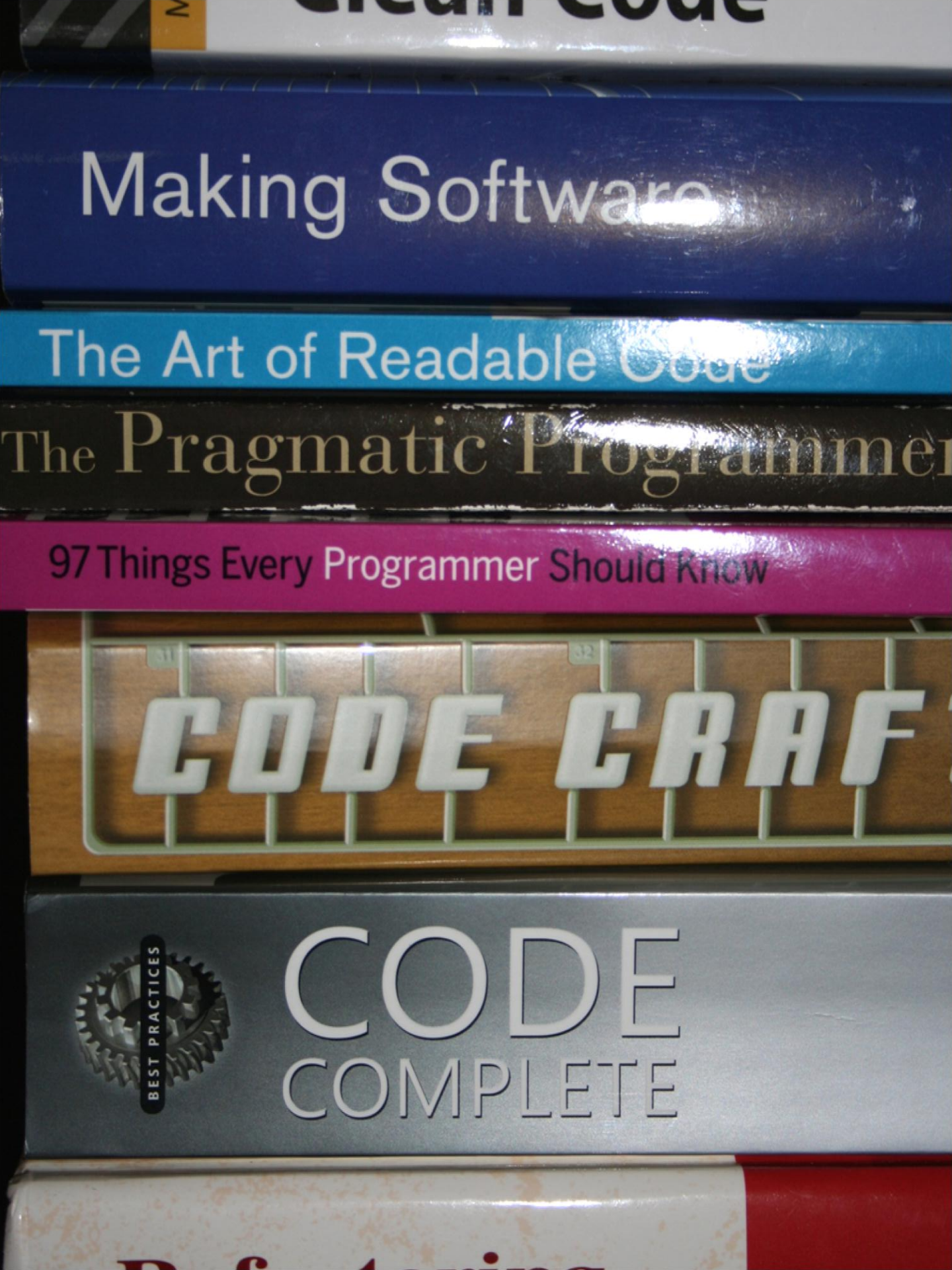




vegetables

wibble

spock


Making Software
The Art of Readable Code
The Pragmatic Programmer
97 Things Every Programmer Should Know
CODE CRAF
BEST PRACTICES
CODE
COMPLETE

Colorless green ideas sleep furiously

(Chomsky, 1957)

In become words sentence the have jumbled this

www.flickr.com/
photos/bo47

Tends to work in isolation

Often the person who breaks the build

TALK

Good at helping others

Willing to ask questions

Espouses one true way

Tends to “own” code

BE OPEN

Willing to discuss suggestions

SUITABLE FOR
VEGETARIANS

Chooses identifiers which are not succinct, meaningful, distinct

SPELL IT OUT

Makes APIs easy to use correctly

Fixes bug symptoms without discovering root cause

PRESERVE INFORMATION

Includes accurate details in bug reports

Automates tasks

www.flickr.com/photos/jimmead

www.flickr.com/photos/75905404@N00

✓ PASSED

✓ PASSED

X FAILED

✓ PASSED

✓ PASSED

✓ PASSED

DON'T MAKE ME WORK ON THIS CODE ANY MORE

IT WAS WRITTEN BY A SOCIOPATH, AN IMBECILE, OR AN EVIL GENIUS

(IT COULD HAVE BEEN ME)

(c) 2012

PETE GOODLIFFE

Talk
Be open
Preserve info
ACCU
2014
Spell it out