



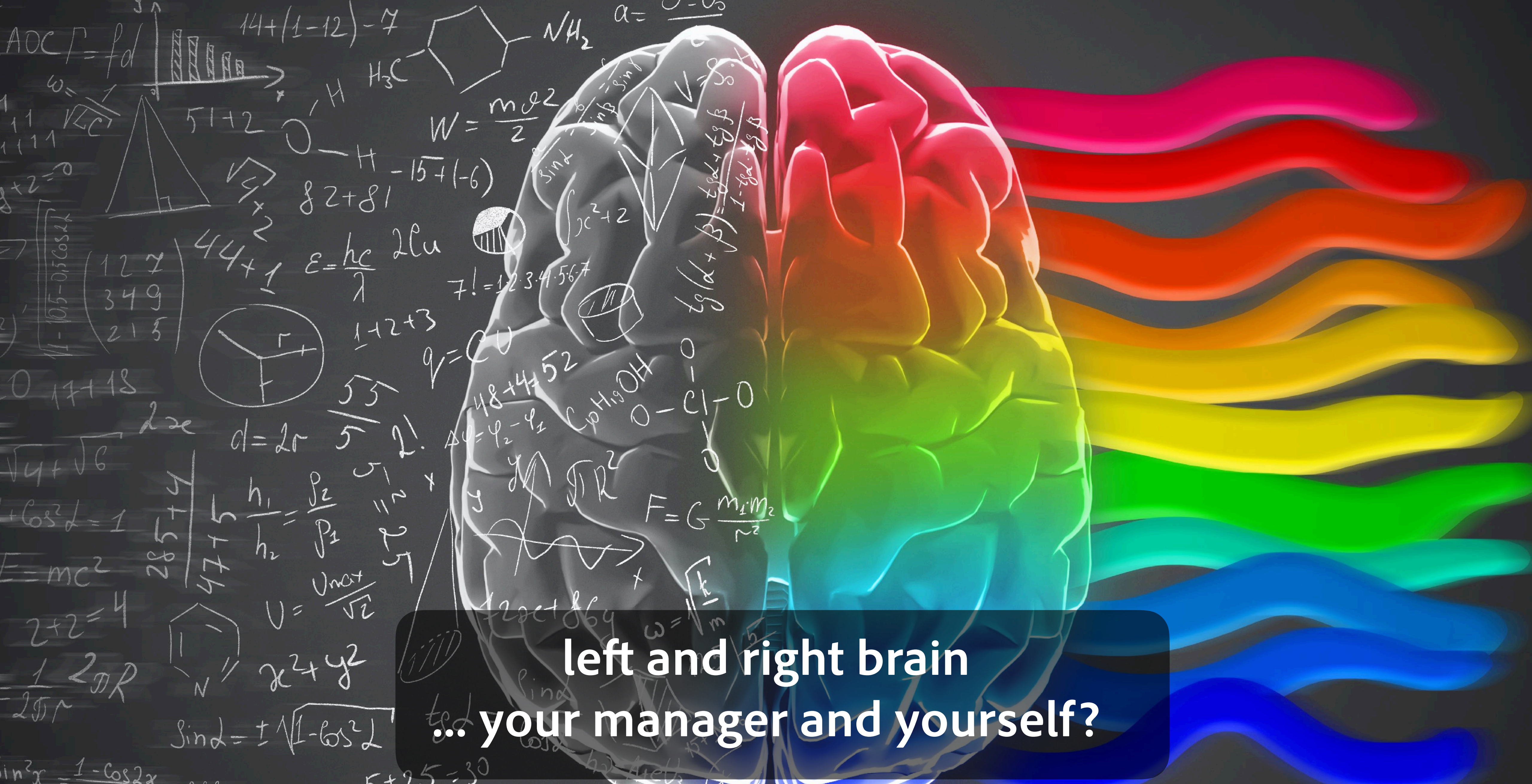
# How to convince your left brain (or manager) to follow the Open Source path that your right brain desires.

Bertrand Delacrétaz - Principal Scientist, Adobe Research Switzerland, Bâle  
Member and former Director, Apache Software Foundation :: @bdelacretaz :: [grep.codeconsult.ch](http://grep.codeconsult.ch)  
Remote presentation for FOSS Backstage 2020, <http://20.foss-backstage.de>

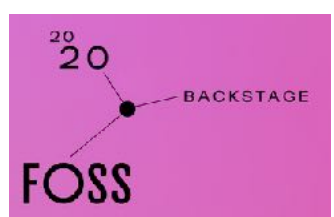


Be

Sagmeister & Walsh



**left and right brain  
... your manager and yourself?**



# Another Winning Combination!



The Music School

Improve through friendly competition

Make mistakes in public (and fix them)

Listen to great players

Travel the world

*Pictured at a recent MI graduation are (back left to right) Paul Farnen; Jim Lacefield; Tim Bogert; Outstanding Student BIT, Jean Brissette; Mary Hess; Joe Brancato; Most Improved PIT, Bertrand Delacretaz; Outstanding Student PIT, Russell Dawber; Tommy Tedesco; Pat Hicks; Jerome Stocco; Howard Roberts; Jennifer Batten; David Vincent-Ovation; (front l to r) Human Relations BIT, Hussain Jiffry; Most Improved PIT, Steve Hong; Outstanding Student GIT, Thomas Kolb; Remo Outstanding Latin Stylist, Ricardo Pasillas 'Tiki'; Ralph Humphrey; Human Relations PIT, Peter Norstedt; Most Improved VIT Advanced, Marcia Breaux; Outstanding Student VIT Advanced, Gil Simantov; Human Relations VIT, Tita Hutchison; Outstanding Student VIT, Brian Cokely; Most Improved GIT, Lori Zanni; and Chuck Fukagawa-Ibanez.*

Our thanks to FENDER, GIBSON, IBANEZ, OVATION, REMO, SABIAN, YAMAHA and ZILDJIAN for their genuine interest in quality music education and for providing the fine instruments presented. And a special thanks to PEAVEY for providing the fine equipment in use throughout the school year.

**GIT**

Guitar Institute of Technology

**BIT**

Bass Institute of Technology

**PIT**

Percussion Institute of Technology

**VIT**

Vocal Institute of Technology



Musicians Institute 1655 McCadden Place, Box 296 . Hollywood, California 90028 . (213) 462-1384

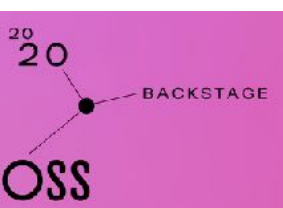
Picture:

Ad in Guitar Magazine, 1989,  
from Musicians Institute,  
[www.mi.edu](http://www.mi.edu)

My right brain wants  
**Autonomy**  
**Mastery**  
**Purpose**



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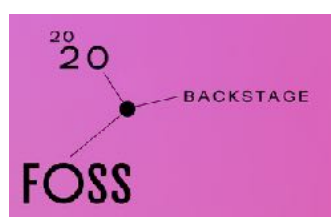




# Can we demonstrate benefits to both sides?



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**YES**

**we can**



# Better Programmers?





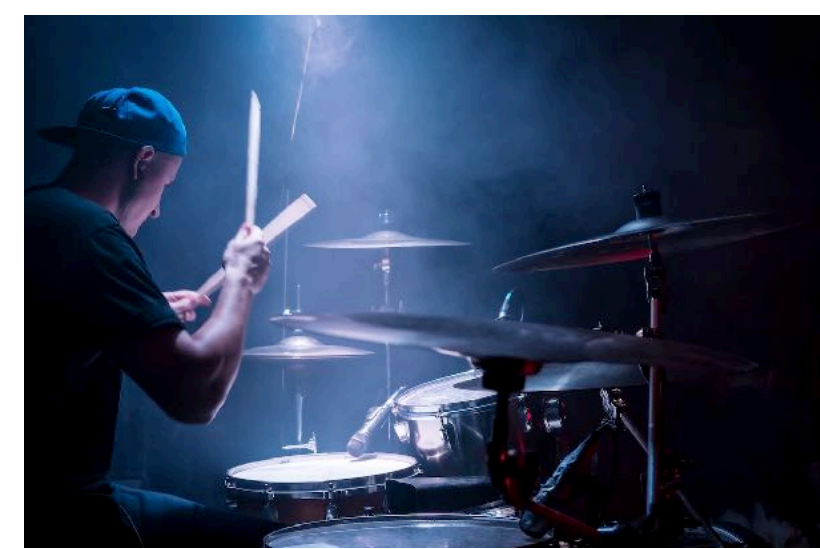
**Serious, solid, critical projects...  
lead to better programmers?**

(taking the Apache Software Foundation as one example, among many others)

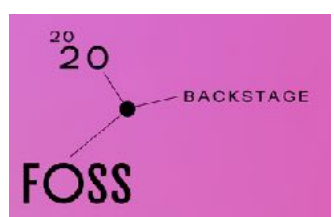
```
L4:
PUSHL %EBP
MOVL %ESP, %EBP
PUSHL %EBX
SUBL $20, %ESP
MOVL 8(%EBP), %EBX # N, 1
TESTL %EBX, %EBX # 1
JLE L8
PUSHR %EBP
MOVL %TYSP, %WBR
PUSHX %EBX55

L6: VERSION 0025
MOVL %EBX, 4(%ESP) # 1
MOVL $LCD, (%ESP)
CALL _PRINTF
DECL %EBX # 1
TESTL %EBX, %EBX # 1
ADBL $20, %ESP
BAEF 8705 BAF1
BAEB 8701 BAF3
BAF7 8701 BBC4
```

Friendly peer  
competition and  
critical purpose foster  
high quality code  
Mistakes in public?  
You bet, let's fix them!



Like at the music school...

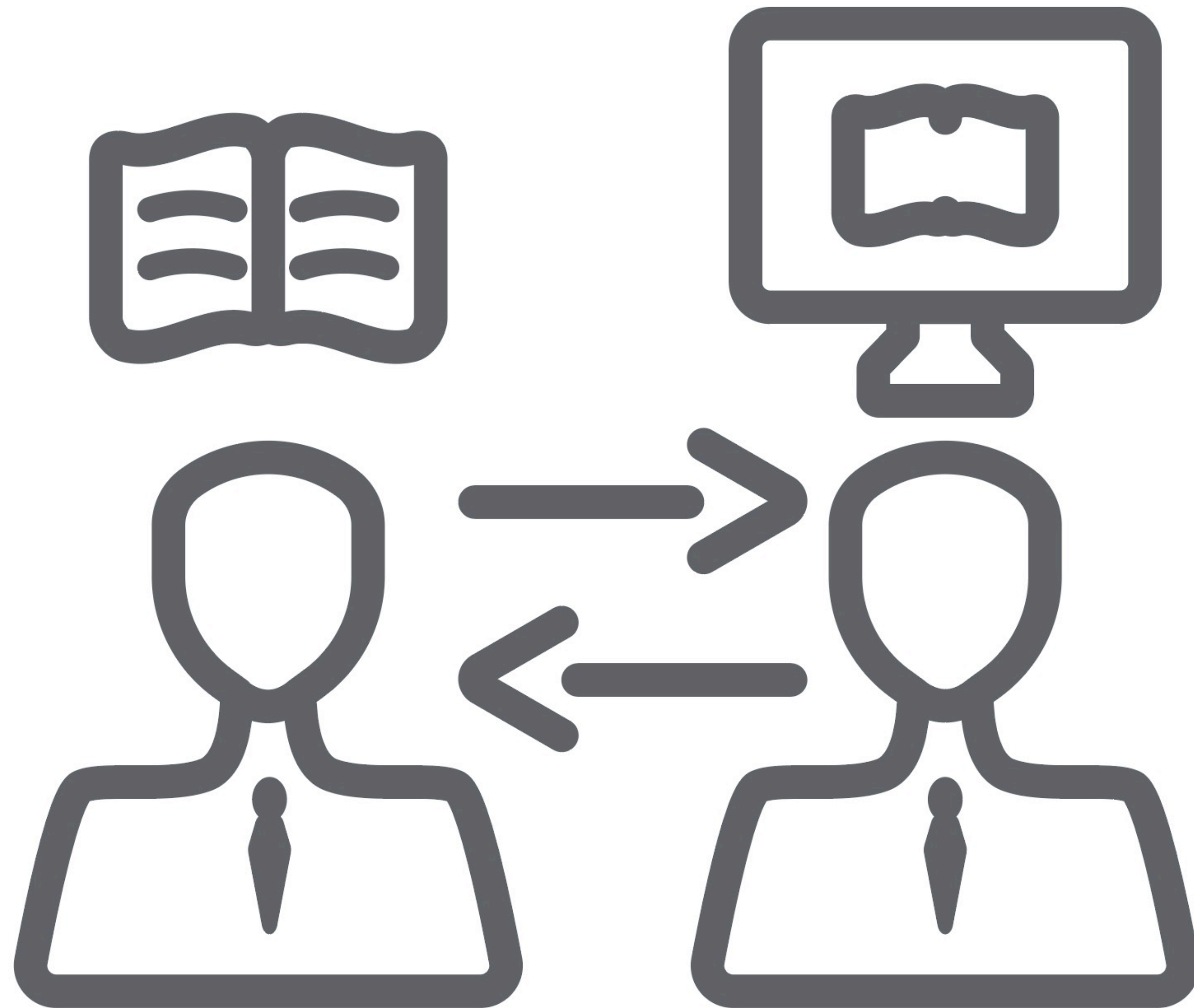


# Better Programmers!

Who are exposed to high quality code  
with collaborative refinement  
and often exposed to above average programmers  
(also: happier through great results)



# Better Communicators?



# Asynchronous Collaboration

An essential skill in today's distributed work environments

Learn to express problems clearly and work in small, manageable units.



The background features a central, semi-transparent brain graphic with a rainbow gradient. The brain is rendered in a light, ethereal style. Surrounding the brain are various mathematical and scientific formulas and symbols, including  $AOCF = f/d$ ,  $W = \frac{m \cdot v^2}{2}$ ,  $\epsilon = \frac{h \cdot c}{\lambda}$ ,  $7! = 1 \cdot 2 \cdot 3 \cdot 4 \cdot 5 \cdot 6 \cdot 7$ ,  $\sin d = \pm \sqrt{1 - \cos^2 d}$ ,  $\text{tg} d = \frac{\sin d}{\cos d}$ ,  $x = x_0 + v_{xt}$ ,  $\int \int \int x^4 y z^2$ ,  $Mg - Br + SO_2$ ,  $\begin{cases} 5x + 4 \geq 2 \\ 3 - 2x < 4 \end{cases}$ , and various other equations and diagrams like a bar chart and a pie chart.

# Better Communicators!

Who collaborate asynchronously in "low-emotional bandwidth" environments.  
(also: happier through efficiency and concrete results)

A conceptual illustration featuring a human brain in the center, rendered in a light, translucent style. The brain is surrounded by various mathematical formulas, chemical structures, and diagrams in a light grey color. To the right of the brain, there are several horizontal, wavy bands of color in shades of pink, orange, yellow, green, and blue, resembling a rainbow. The background is a light, neutral tone.

**Travel is the  
best education?**



# Multi-Cultural Communities



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# Travel the World!

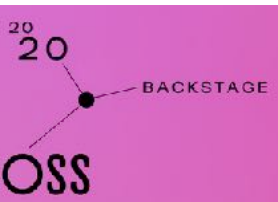


 THE **APACHE**<sup>®</sup>  
SOFTWARE FOUNDATION  
THE TRAVEL ASSISTANCE COMMITTEE



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# Travel is the best education!

become a better (and happier) person by traveling,  
either actually or virtually



# Coda

# Coda

Contributing to Open Source communities leads to

## Better Programmers

Who refine critical software collaboratively, with friendly competition in open environments.

## Better Communicators

Who collaborate asynchronously in low-bandwidth environments.

## Better Persons

By working in multi-cultural environments and "traveling the world", either virtually or actually.

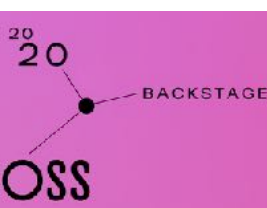


Do both sides  
of your brain  
like this?

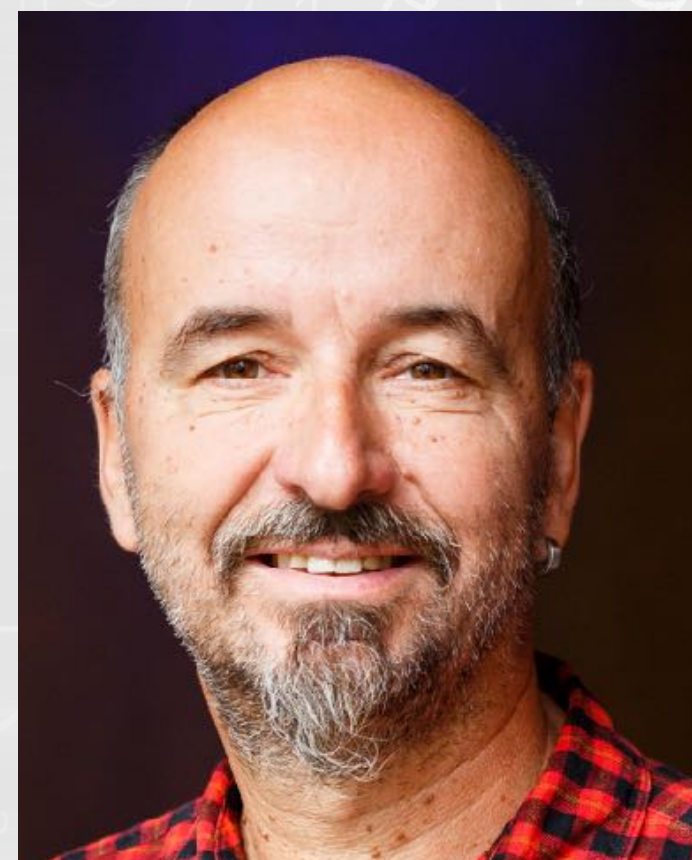


I'm @bdelacretaz, get in touch!

more talks at <https://pinboard.in/u:bdelacretaz/t:pressbook/>



**I'm @bdelacretaz, please get in touch!**



**more talks at**

**<https://pinboard.in/u:bdelacretaz/t:pressbook/>**

**more info at**

**<https://grep.codeconsult.ch/about-me/>**



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