

Framework Fanboys

Causes, effects, and what to do about it

by Neil Green (@neilfeyn)



Future Framework Fangirls

What is a
Framework Fan-person?

Those who would **adopt**
Frameworks, or continue to show
loyalty to Frameworks, without
Valid Justification.

Valid Justifications for **Adopting** or being **Loyal** to a Framework

- Performance
- Security
- Stability
- Scalability
- Maintenance
- Needed Features
- Faster Time to Market
- In-House Expertise
- Developer Community
- Ease of Recruiting
- Business Alignment
- Boilerplate Removal
- Enterprise Support

What are Invalid Justifications?



We better get on
this **Angular**
bandwagon before
we get left behind!

Fan Adoption



Real developers
just need **jQuery**.
Everything else is a fad.

Fan Loyalty

Causes of Fan Adoption

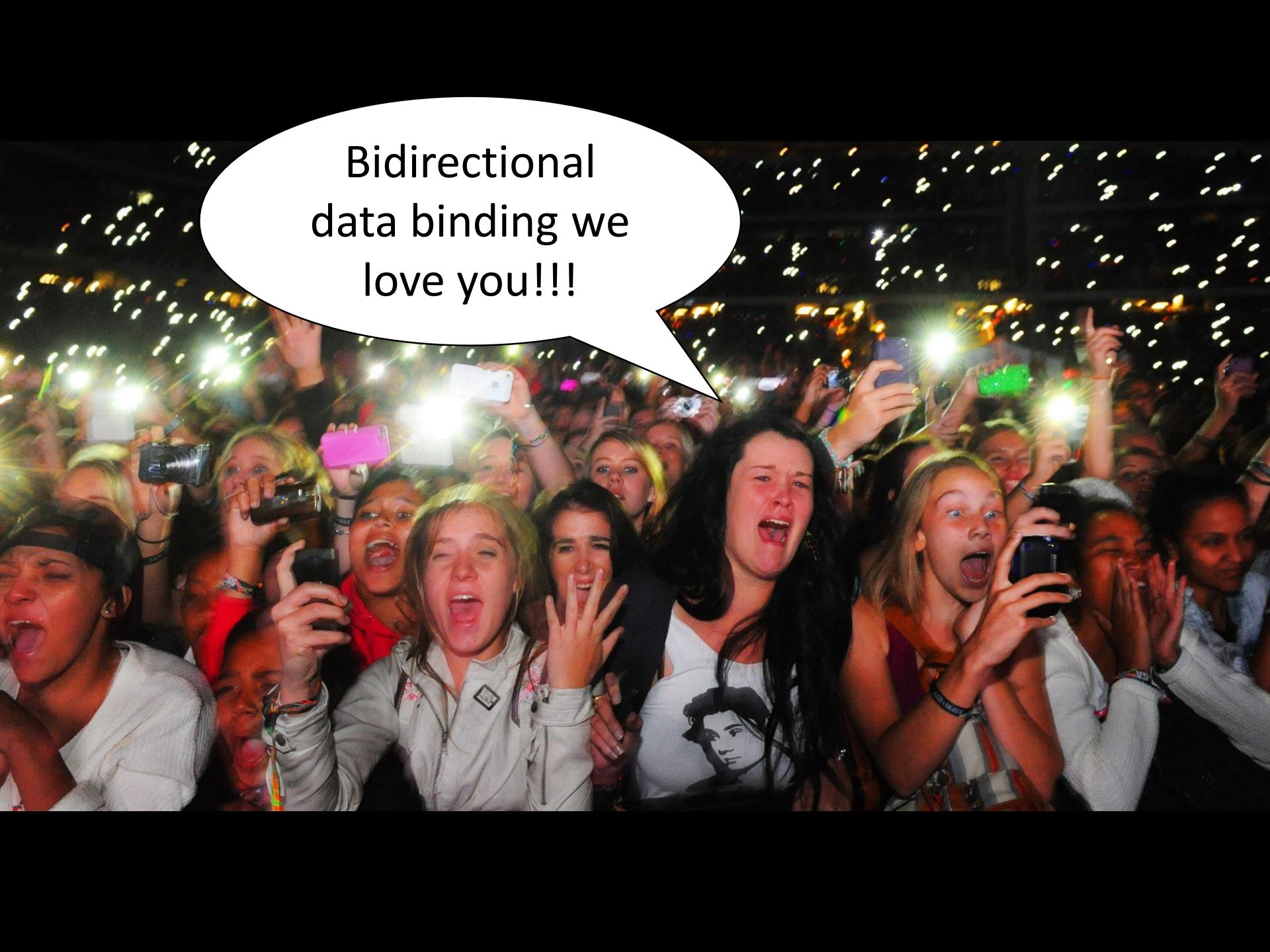
Admiration



Google makes the very
best frameworks!

A wide-angle photograph of a concert. In the foreground, a large crowd of people is seen from behind, many with their hands raised. On the stage, a band is performing under bright stage lights. A lead singer is standing on a red rectangular box, gesturing with his arms. Other band members are visible behind him. The background shows a complex steel truss structure of the venue's roof and several spotlights.

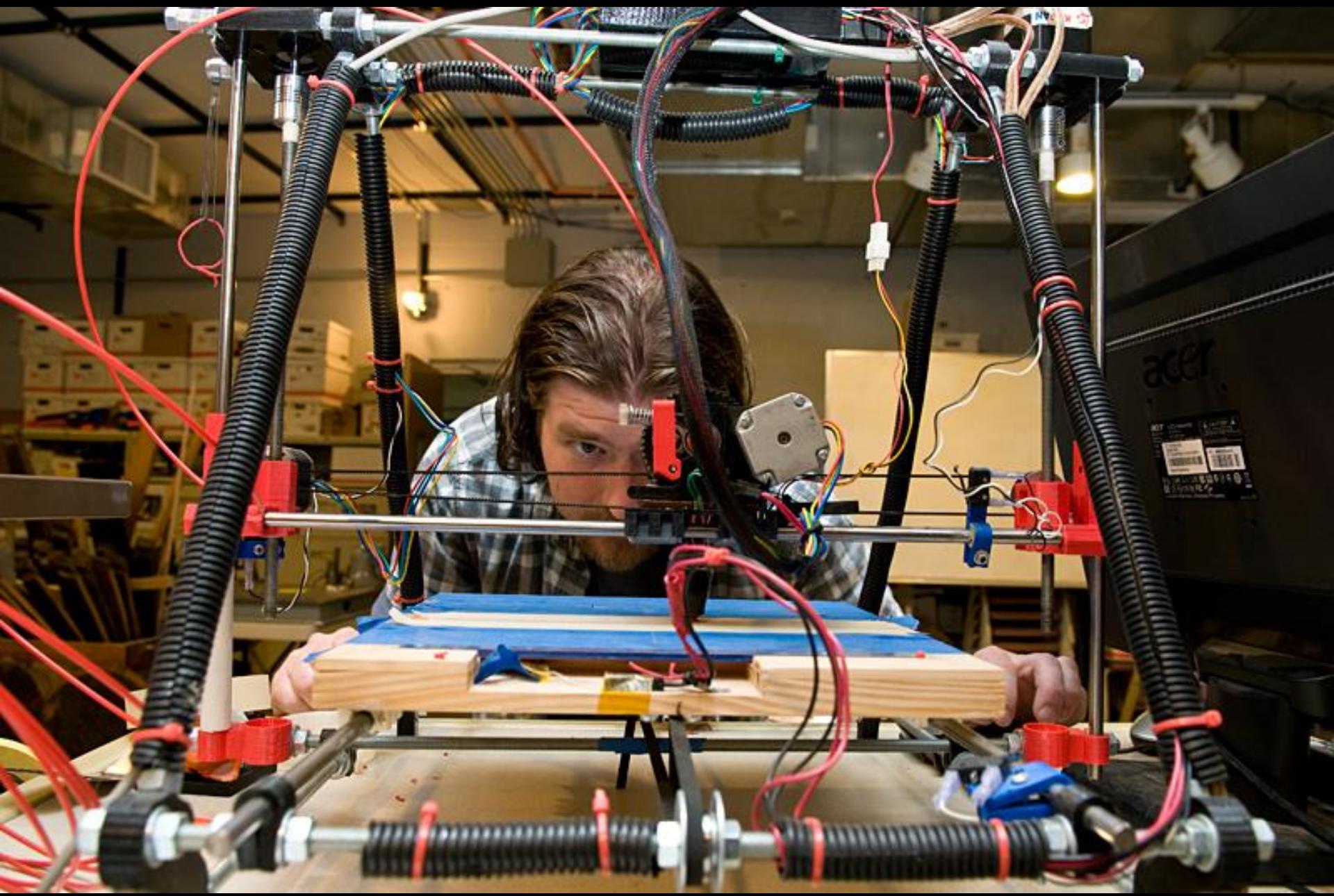
Angular 3.0 will be
written in Fortran!

A photograph of a large, diverse crowd at a night concert. The people are cheering, with many having their mouths wide open. Many are holding up smartphones and cameras, their screens glowing brightly against the dark background. The background is filled with a grid of colorful stage lights.

Bidirectional
data binding we
love you!!!

Curiosity







Industry Trends

Compare Search terms ▾

Spring Fr...

Web Framework

Google ...

Web Developme...

Grails

Web Framework

Apache ...

Web Framework

JavaSer...

Web Framework

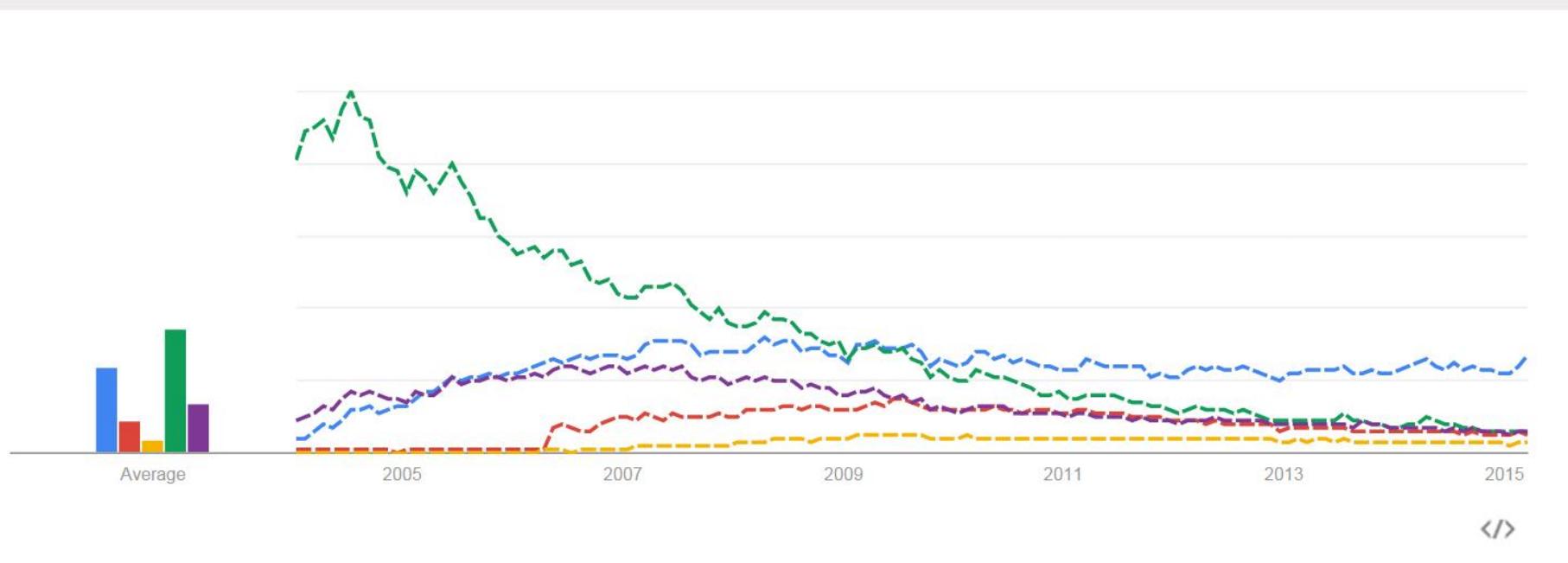
Beta: Measuring search interest in *topics* is a beta feature which quickly provides accurate measurements of overall search interest. To measure search interest for a specific *query*, select the "search term" option. ?

Interest over time



News headlines ?

Forecast ?



Compare Search terms ▾

Angularjs

Search term

Dojo Too...

Web Framework

adobe flex

Search term

extjs

Search term

reactjs

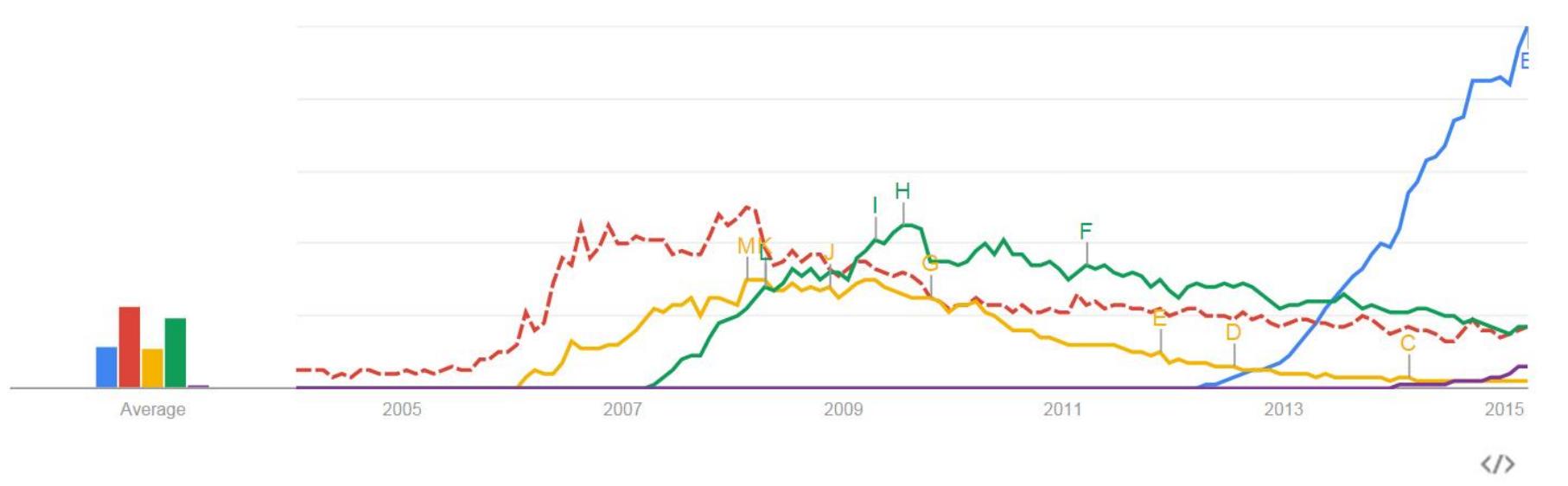
Search term

Beta: Measuring search interest in *topics* is a beta feature which quickly provides accurate measurements of overall search interest. To measure search interest for a specific *query*, select the "search term" option. [?](#)

Interest over time [?](#)

News headlines

Forecast [?](#)



Compare Search terms ▾

Ruby on Rails

Web Framework

Django

Web Framework

+ Add term

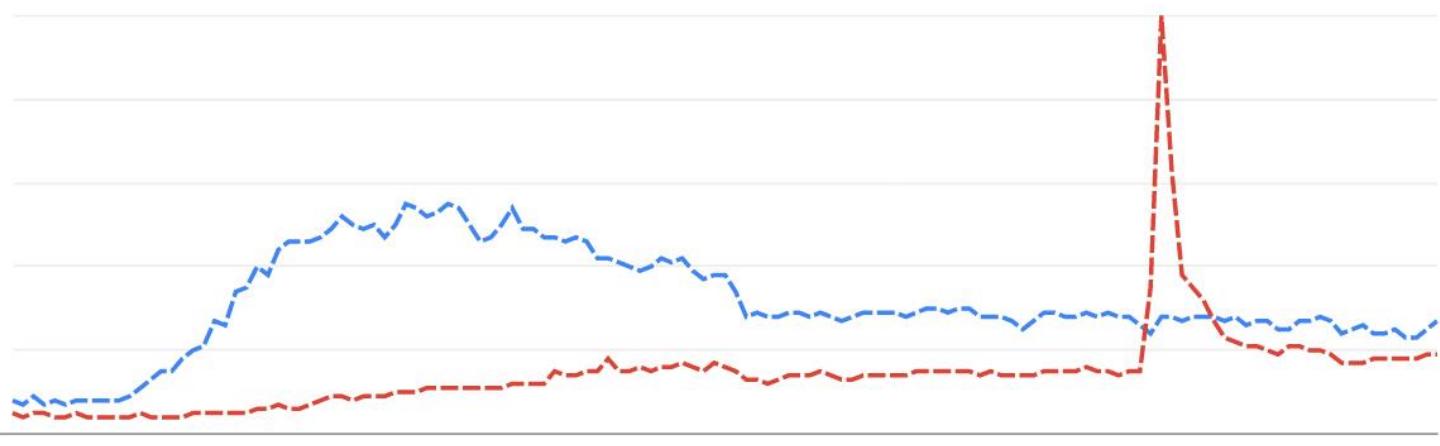
Beta: Measuring search interest in *topics* is a beta feature which quickly provides accurate measurements of overall search interest. To measure search interest for a specific *query*, select the "search term" option. [?](#)

Interest over time



News headlines [?](#)

Forecast [?](#)



LIFE, LIBERTY AND THE PURSUIT OF VENGEANCE



THE NEW FILM BY
QUENTIN TARANTINO

JAMIE
FOXX

CHRISTOPH
WALTZ

LEONARDO
DiCAPRIO

KERRY
WASHINGTON

SAMUEL L.
JACKSON

DJANGO UNCHAINED

WALTER DICKENS JAMES MICHAEL GOGGINS CHRISTOPHER REMAR PARKS
AND DON JOHNSON AS BIG DADDY

THE WEINSTEIN COMPANY AND COLUMBIA PICTURES PRESENT "DJANGO UNCHAINED" © 2012 Victoria Thomas
ROBERT SHARON DAVIS PRODUCED BY RASKIN DIRECTED BY MICHAEL ROBERT RICHARDSON WRITTEN BY ROBERT HARVEY WEINSTEIN MICHAEL GIBSON SHANNON MONTGOMERY JAMES W. SKITCHOPPLE
PRODUCED BY STACEY SHER REGULATED BY LORI PILAR STYLING BY QUENTIN TARANTINO

CHRISTMAS DAY

UnchainedMovie.com

Facebook.com/UnchainedMovie

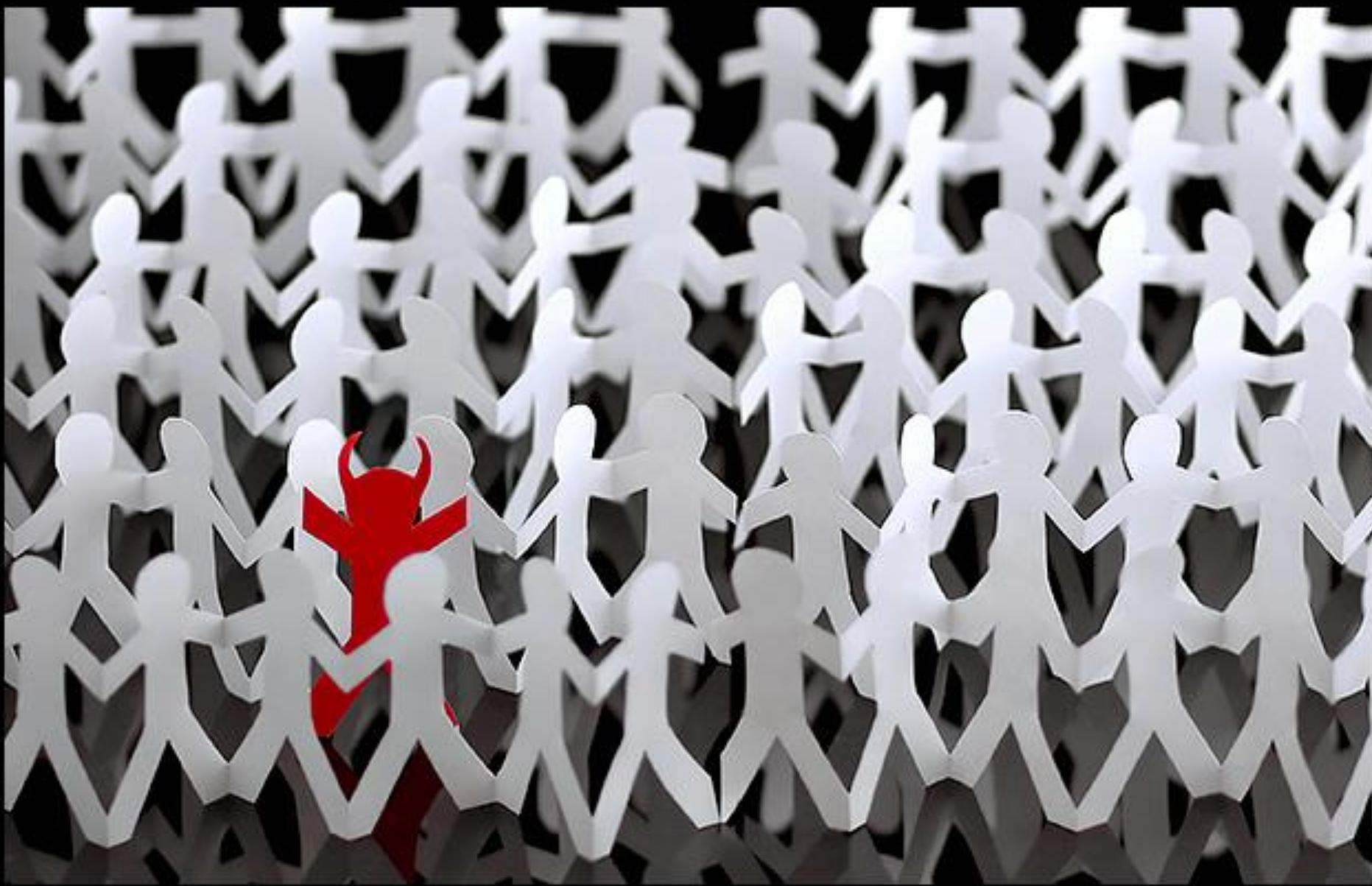
Boredom







Nonconformism







Peer Pressure

A photograph of a young man with blonde hair and glasses, wearing a dark t-shirt, holding several notebooks. He is looking off to the side with a neutral expression. In the background, four other people are standing against a wall. A large, white, hand-drawn style speech bubble originates from the top left of the boy's head and extends towards the right, containing the text.

He still uses Postgres.
Everyone's moved on to
Mongo Idiot!

A photograph of two young boys in a school hallway. One boy, with dark hair and a green shirt, is smiling and handing a dollar bill to another boy. The second boy, with blonde hair and a blue shirt, is looking at the money. A white speech bubble points from the dark-haired boy's direction towards the text.

It's stupid to have an ORM
layer – just store JSON
objects as-is!



Mongo uses a global lock?
And you say Postgres has
JSON data types?

Solution Fixation





easyfeet™

AS SEEN
ON
TV



Bread Gloves

Make Anything Into A Sandwich!

New
Sourdough
Flavor



Contains: 2 Size 8 Sourdough
Gloves

Also available in:

- Classic White
- Unleavened
- Whole Wheat
- Raisin



AS SEEN ON
TV

Job Mobility



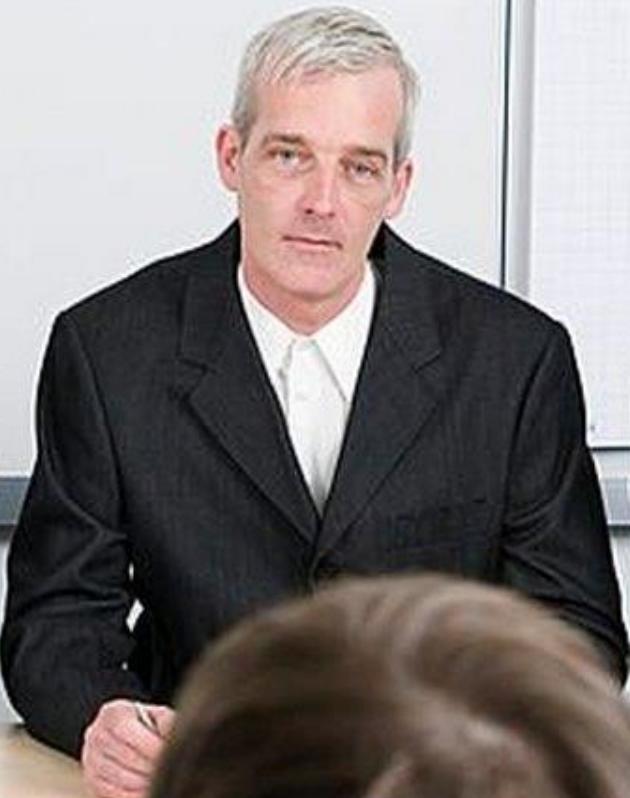
HAPPY

RETIREMENT











If only I had learned
Spring and Hibernate...

Causes of Fan Loyalty

Fear of the Unknown



But what if it leaks
memory???



A man with short brown hair, wearing a white shirt, is looking directly at the camera with a shocked expression. His hands are clasped together and resting against his chin. Two speech bubbles are positioned around him: one above his head and one to his right.

Am I going to have
to change my build
process???

I don't even
understand our
current build
process!!!

A photograph of Yoda from Star Wars, sitting cross-legged on a forest floor covered in fallen leaves. He is holding a wooden staff vertically. Three white speech bubbles are overlaid on the image, containing text related to XML and SOAP.

Fear is the
path to XML

XML leads to
SOAP

SOAP leads to
Suffering

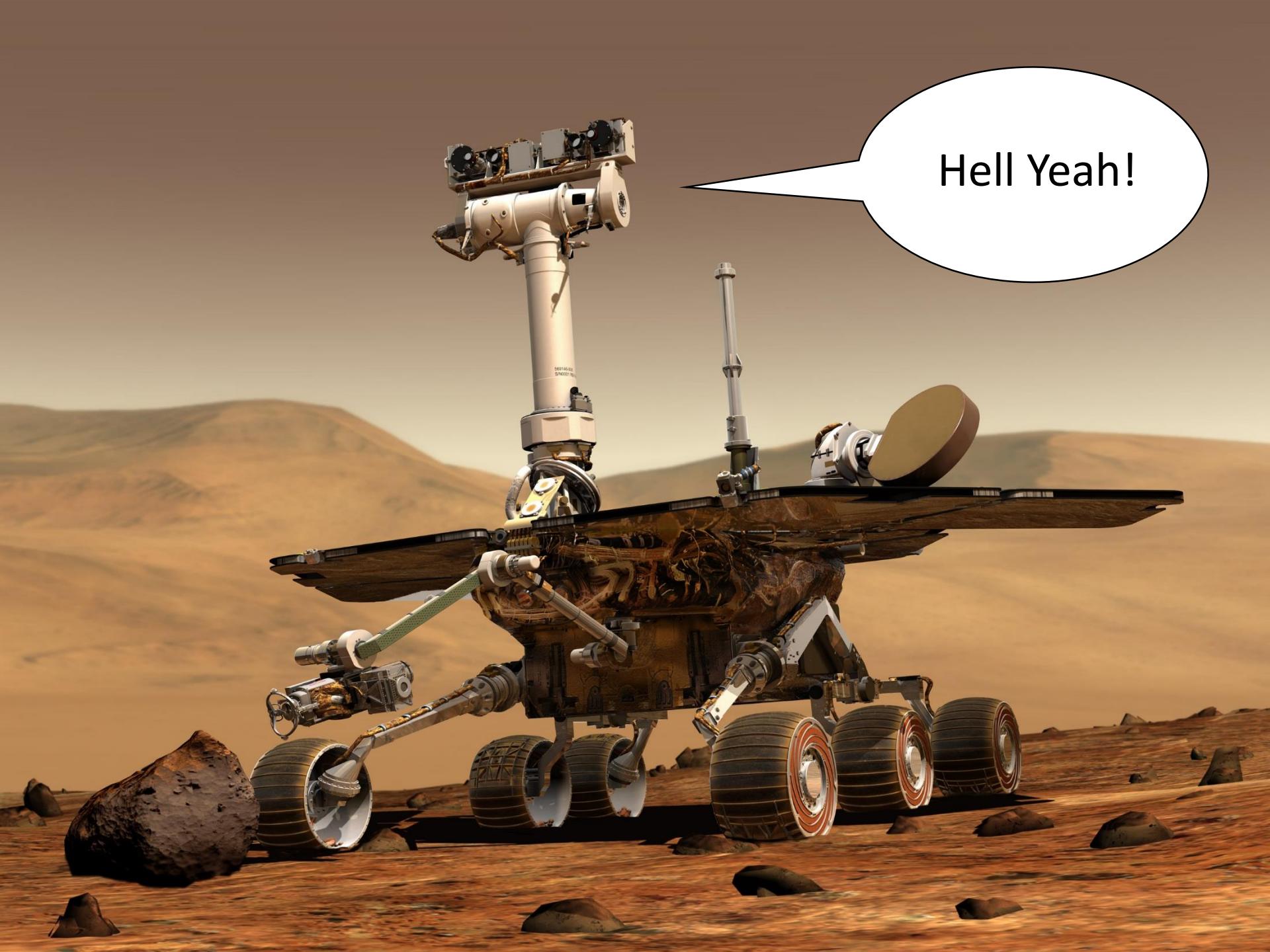
Comfort with the Familiar



Hell yeah!



Hell Yeah!



Hell Yeah!

Lack of Managerial Support



Say
refactoring
again.

A photograph of a woman with long dark hair tied back with a blue hair tie, wearing a black top, sitting on a wooden floor. She is looking down at a young boy. The boy has short hair and is wearing a yellow and white striped shirt. He is looking up at her. A white speech bubble is positioned above the woman's head.

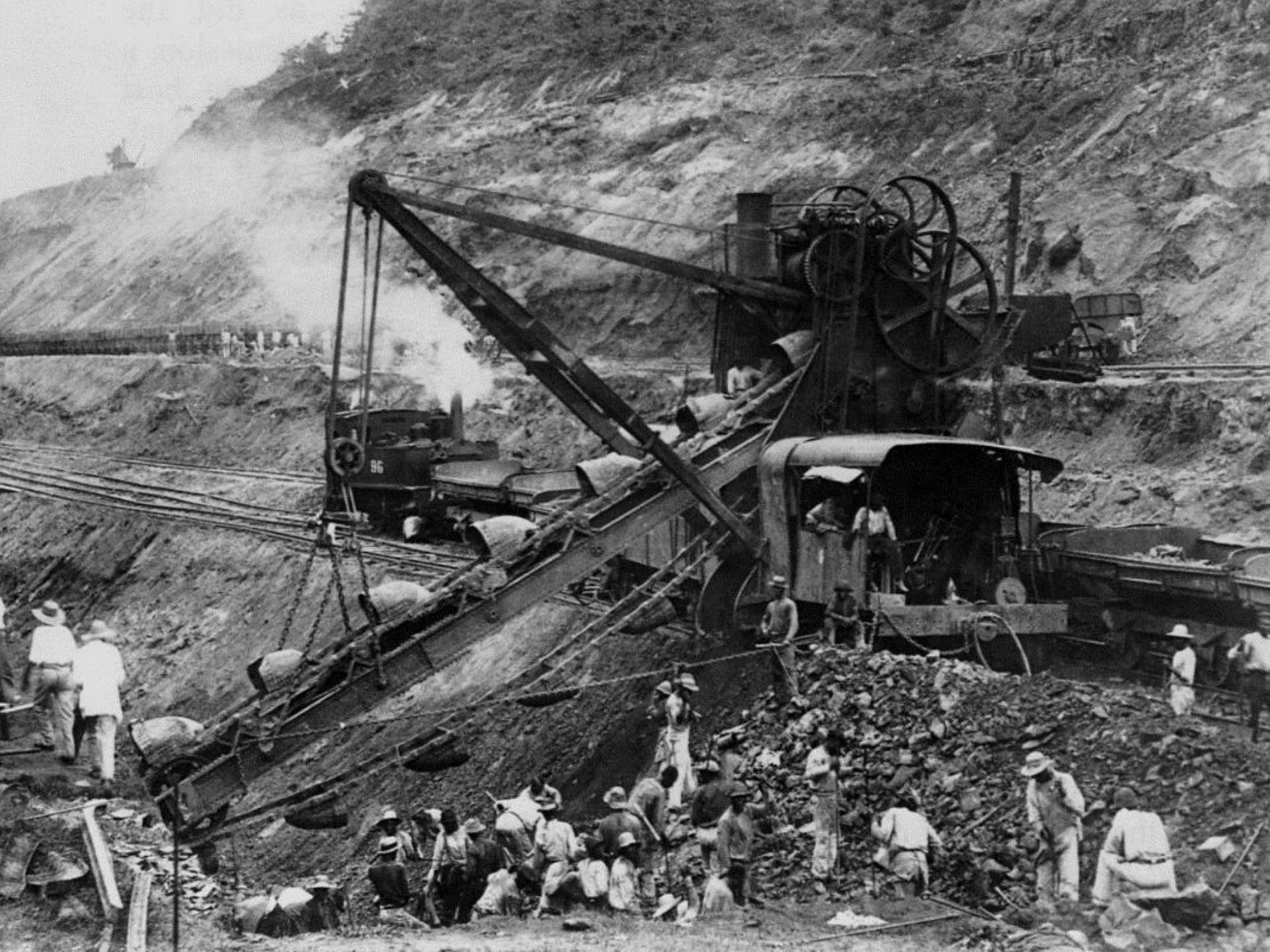
Just so I
understand...

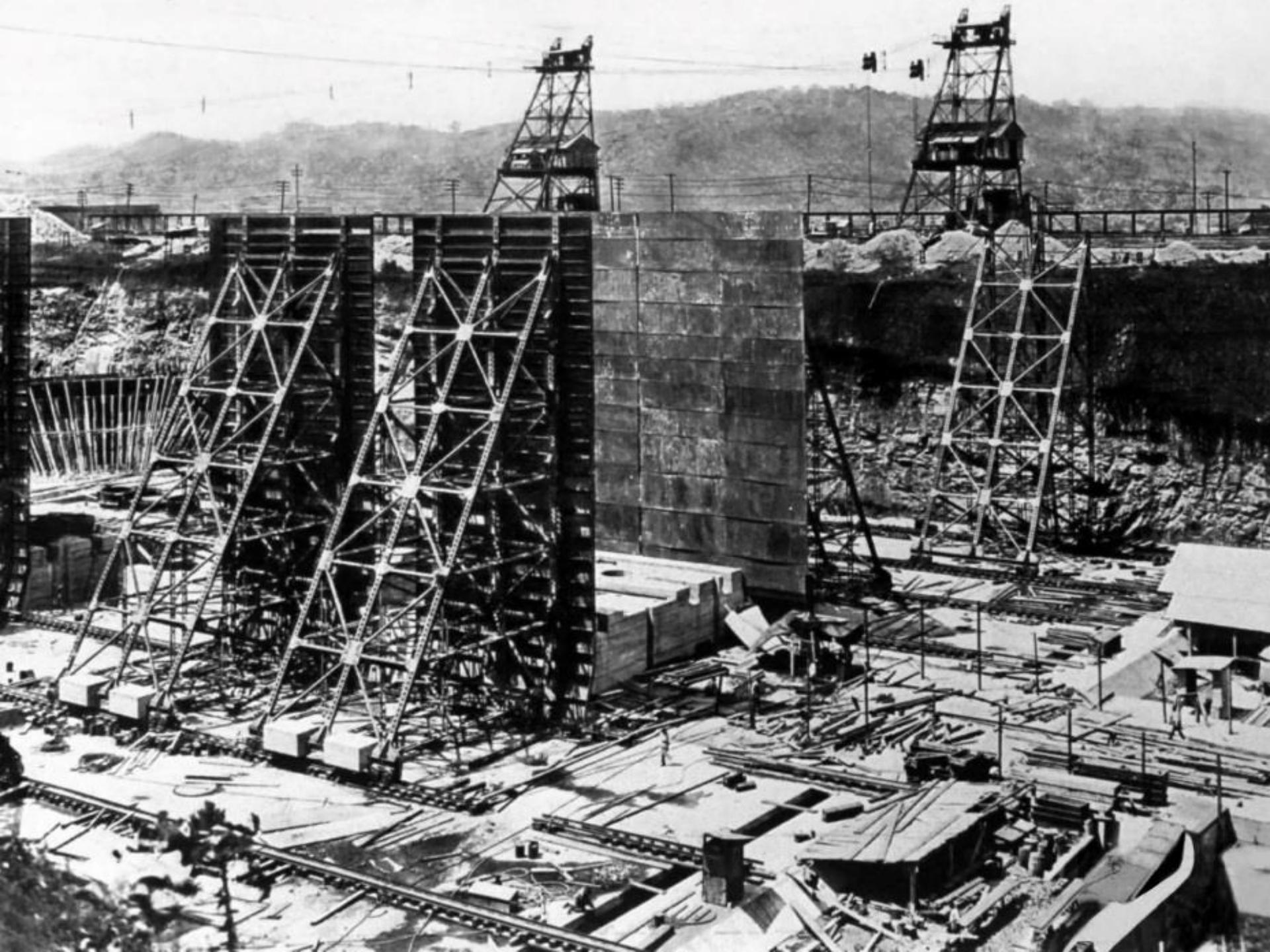
A white speech bubble is positioned below the boy's head.

We're not going to
release features while
you fix something
that's not broken?

Lack of Perceived Benefit











Job Preservation







NEIL KOUNG - THEOLDMOTOR.COM



@YOUNGESTER...

Not Wanting to Admit Fault

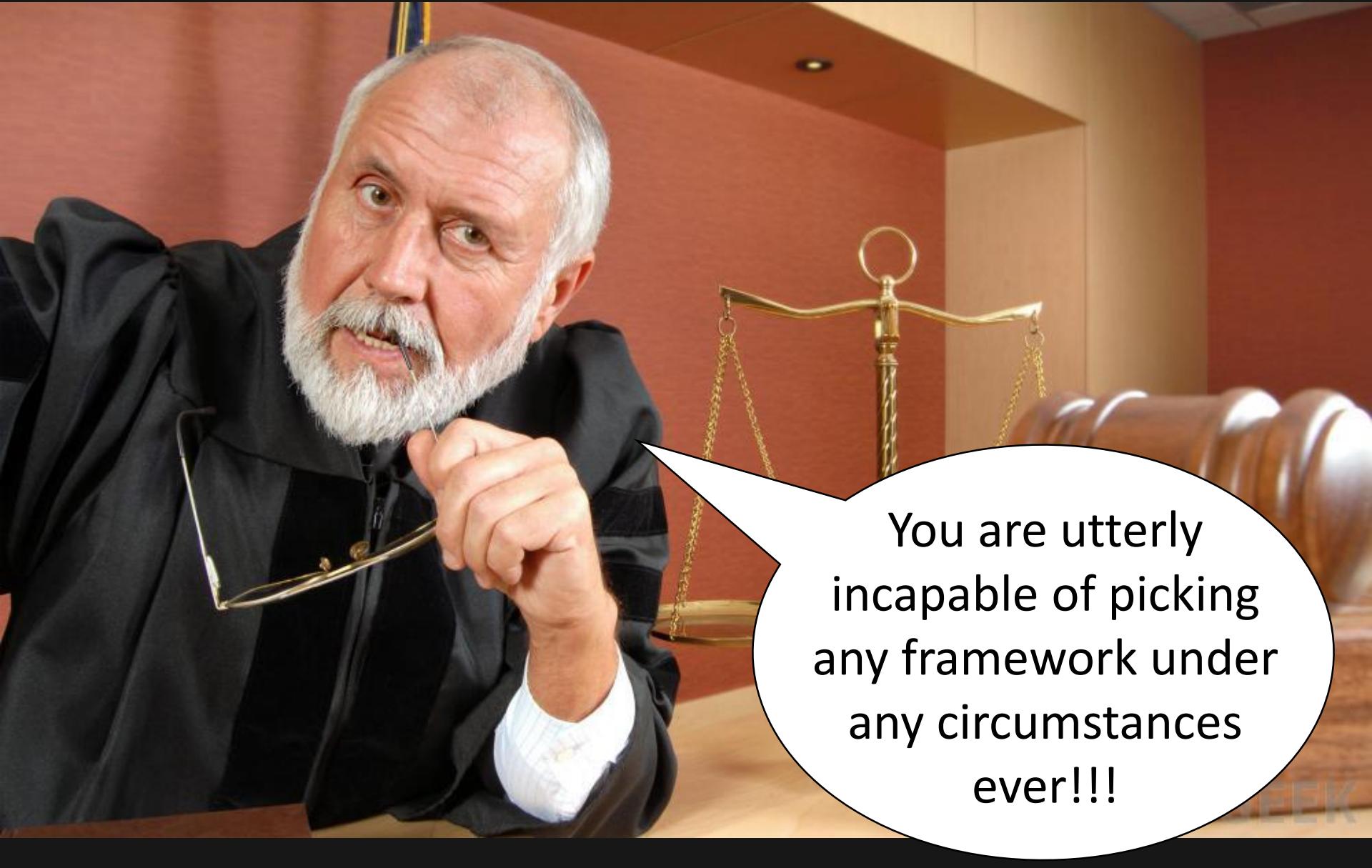


I was against
ExtJS from the
start!

I wanted to
use Flex!

A close-up photograph of a baby with light brown hair, crying with their mouth wide open and eyes squinted. A white speech bubble is positioned to the left of the baby's head, containing the text.

How as I supposed
to know Angular 2.0
would be a breaking
upgrade???



You are utterly
incapable of picking
any framework under
any circumstances
ever!!!

Fear of Learning

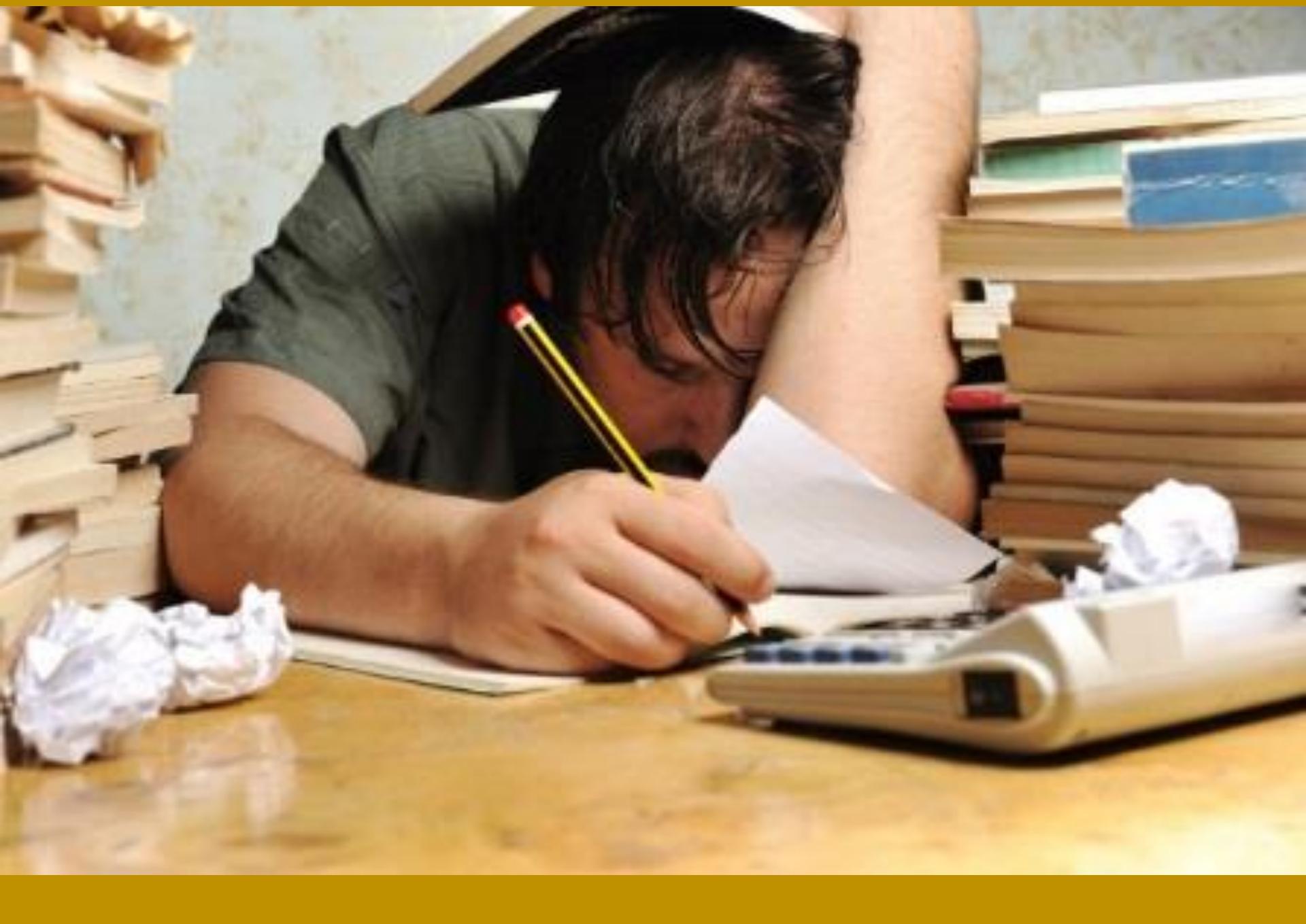


A young boy with glasses and a bow tie gives two thumbs up in front of a chalkboard covered in various "Hello" translations in different languages.

Translations visible on the chalkboard include:

- hello
- bonjour
- مرحباً (Arabic)
- mahalo
- hoy
- Hello
- CIAO
- holo
- GODDAG
- Zdravstvujte
- नमस्ते (Namo stye - Hindi)
- Ahoj
- ПРИВЕТ (Privet - Russian)
- cześć
- বুবলি (Buboli - Bengali)





What to do about Fan Adoption

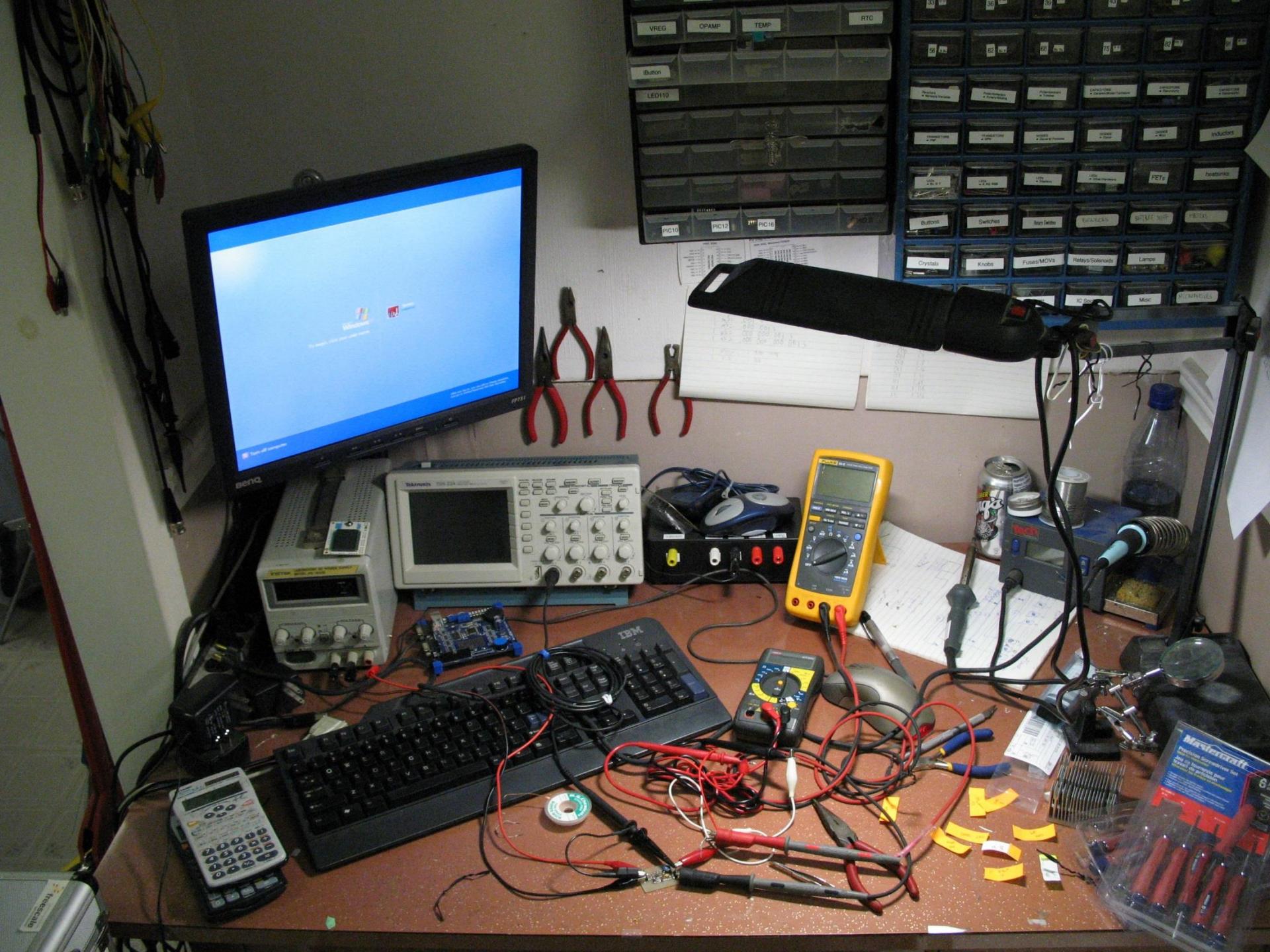
Admiration

(It's not their frameworks we admire)



Curiosity

(Do that on your own time)



Industry Trends

(Don't listen to the hype)



Boredom

(Find a better job)



Nonconformism

(Find better ways to be yourself)



Peer Pressure

(Form your own opinion)



Solution Fixation

(Define your problem first)



Job Mobility

(Don't be unethical)



What to do about Fan Loyalty

Fear of the Unknown

(We never know until we try)



Comfort with the Familiar

(Get outside of your comfort zone)



Lack of Managerial Support

(They don't know what you know)



Lack of Perceived Benefit

(Get better at selling)



Job Preservation

(Be more afraid of obsolescence)



Not Wanting to Admit Fault

(We all make mistakes)



Fear of Learning

(Learning is a skill, not an ability)



Closing Thoughts

The End