how to scratch an itch
how to scratch an itch (in 200 repos or less)
@searls is my real name.
@searls is my real name. My parents were on-brand.
This is my 2011 face!
This is my 2011 face!
Stuck with it forever.
I co-founded @testdouble.
I co-founded @testdouble.

It's like consulting, but good!
how to scratch an itch (in 200 repos or less)
Creativity
OK!
So, what's creativity?
Is creativity passion?
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!

The Passion Project
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!
Passion is hot right now!
Passion's hot right now!
Passion's hot right now!

Safari Can’t Find the Server

Safari can't open the page “www.amexpassionproject.com” because Safari can’t find the server “www.amexpassionproject.com”.
Nope, not passion!
Is creativity art?
Is creativity art?
```javascript
internals.Response.prototype_setSource = function (source, variety) {

    // Method must not set any headers or other properties as source can change later
    this.variety = variety || 'plain';

    if (source === null ||
        source === undefined ||
        source === '') {
        source = null;
    }

    else if (Buffer.isBuffer(source)) {
        this.variety = 'buffer';
        this._contentType = 'application/octet-stream';
    }

    else if (source instanceof Stream) {
        this.variety = 'stream';
    }

    else if (typeof source === 'object' &&
             typeof source.then === 'function') { // Promise object
        this.variety = 'promise';
    }

    this.source = source;

    if (this.variety === 'plain' &&
        this.source !== null) {
        this._contentType = (typeof this.source === 'string' ? 'text/html' : 'application/json');
    }
};
```
Is creativity vision?
Vision's not enough.
Are **YOU** creative?
Are **YOU** creative?

☐ Incredibly passionate
Are YOU creative?

☐ Incredibly passionate

☐ Create beautiful things
Are **YOU** creative?

- Incredibly passionate
- Create beautiful things
- Can see into the future
Are **YOU** creative?

- Incredibly passionate  ❌
- Create beautiful things
- Can see into the future
Are **YOU** creative?

- Incredibly passionate
- Create beautiful things
- Can see into the future
Are **YOU** creative?

- Incredibly passionate
- Create beautiful things
- Can see into the future
Creative Spark
Creativity is a chronic illness.
Creativity is a chronic illness.
Negative emotions
Negative emotions ➔ Positive outcomes
At the beginning of my career....
It took me years to realize this:
I needed an outlet
Production wasn't a great creative outlet
We create it, but it's not our own
Dev 😃 🌟 🔨 QA Prod
Don't cede control of your happiness to someone else.
Create space for creativity
One morning...
*hack*

*hack*

*hack*

*hack*
Main Project
Main Project
Main Project

Side Project
Burning the candle at both ends
Burning the candle at both ends
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Why do I do this?
Inadequacy
Indignation
Incompetence
Inadequacy
Indignation
Incompetence
Inadequacy \rightarrow people to imitate
Indignation
Incompetence
Inadequacy → people to imitate
Indignation → something to say
Incompetence → room to improve
Inadequacy → Means
Indignation → something to say
Incompetence → room to improve
Inadequacy → Means

Indignation → Motive

Incompetence → room to improve
Privilege!
Inadequacy  Indignation  Incompetence
Creative ideas
I feel _________, but I
I feel express indignation, but I
I feel _________, but I _________ express indignation _________.
Maybe if I _________ admit incompetence
I feel ________, but I ________. Maybe if I _________. Maybe if I _________. 

express indignation
admit incompetence
build it, I'll ________. lessen inadequacy
Book-learning
Book-learning
vs.

Book-learning
Book-learning vs. Capitalism
We need a new citation editor.
I feel ________ , but I ________ . Maybe if I ________ , I'll ________ .

express indignation

admit incompetence

build it, I'll ________ .

lessen inadequacy
I feel I don't need CompSci, but I express indignation. Maybe if I admit incompetence, I'll lessen inadequacy. Maybe if I build it, I'll...
I feel I don't need CompSci, but I express indignation can't create an app either. Maybe if I admit incompetence build it, I'll lessen inadequacy.
I feel I don't need CompSci, but I express indignation can't create an app either. Maybe if I admit incompetence build it, I'll survive this profession.
I did it!
Accomplishments:
Accomplishments:

• All 3 major style guides
Accomplishments:

• All 3 major style guides
• Dozens of types of sources
Accomplishments:

• All 3 major style guides
• Dozens of types of sources
• Complete account system
Accomplishments:

• All 3 major style guides
• Dozens of types of sources
• Complete account system
• Bibliography creation & export
Accomplishments:

• All 3 major style guides
• Dozens of types of sources
• Complete account system
• Bibliography creation & export
• Millions of users
I made it up as I went!
Very minor downsides:
Very minor downsides:

• Completely insecure
Very minor downsides:

- Completely insecure
- 100% manual testing
Very minor downsides:

• Completely insecure
• 100% manual testing
• GB's of daily server warnings
Very minor downsides:

- Completely insecure
- 100% manual testing
- GB's of daily server warnings
- A 16,000 line PHP file
Fear of bad code can paralyze you.
Recognize when it's safe to make a mess
Incompetence
Incompetence
Incompetence
The Web
The Web vs.
The Web vs. The Metal
I tried to "go native"
of Objective-C objects.

<table>
<thead>
<tr>
<th>Retain Count</th>
<th>Created Object</th>
<th>Unarchived Object</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>alloc</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>init</td>
<td>initWithCoder:</td>
</tr>
<tr>
<td>1</td>
<td>doSomething</td>
<td>awakeFromNib</td>
</tr>
<tr>
<td>1</td>
<td>doSomething</td>
<td>doSomething</td>
</tr>
<tr>
<td>2</td>
<td>retain</td>
<td>retain</td>
</tr>
<tr>
<td>1</td>
<td>release</td>
<td>release</td>
</tr>
<tr>
<td>1</td>
<td>release</td>
<td>encodeWithCoder:</td>
</tr>
<tr>
<td>0</td>
<td>release</td>
<td>release</td>
</tr>
<tr>
<td></td>
<td>dealloc</td>
<td>dealloc</td>
</tr>
</tbody>
</table>

After the creation and initialization phase, an object remains in memory as long as its retain count is greater than zero. Other objects in the program may expire later.
Using a Selector

You can invoke a method using a selector with `performSelector:` and other similar methods.

```objective-c
SEL aSelector = @selector(run);
[aDog performSelector:aSelector];
[anAthlete performSelector:aSelector];
[aComputerSimulation performSelector:aSelector];
```

(You use this technique in special situations, such as when you implement an object that uses the target–action design pattern. Normally, you simply invoke the method directly.)

Prerequisite Articles

Message

Related Articles
properties to traverse. The property of the first key in the sequence is relative to a specific object (employee1 in the following diagram), and each subsequent key is evaluated relative to the value of the previous property.

```plaintext
employee1
    \|-- manager
        \|-- directReports
            \|-- name
            |    \|-- title
            |         \|-- manager
            |             \|-- directReports
            |                 \|-- employee1
            |                     \|-- employee2
            |                          \|-- employee3
```

Making a Class KVC Compliant

The `NSKeyValueCoding` informal protocol makes KVC possible. Two of its methods—`valueForKey:` and `setValue:forKey:`—are particularly important.
I was too dumb for native apps
But then, one day...
Now I *really* wanted to go native
Now I really wanted to go native.
Now I *really* wanted to go native
Now I really wanted to go native 😕
• Beautiful
• Beautiful
• Innovative
• Beautiful
• Innovative
• Life-altering
• Beautiful
• Innovative
• Life-altering
• Impossibly slow
RedRum
Member
(Today, 03:20 AM)
Quote

I started with 3 as well. NV, 3, 4.

Maintenance
Member
(Today, 03:21 AM)
Quote

2 > NV > 1 >> 3 >>> 4

3 and 4 are by far worse than the rest, but they are still decent compared to other games.

Kageshinzo
Member
(Today, 03:21 AM)
Quote

FO1 > FO2 > NV > FO3

Haven’t played 4 yet.

Ishimori (Jack)
3 minutes
There was no "Mobile Web"
No such thing as "Responsive Design"
I feel ________, but I ________. Maybe if I ________, I'll ________.
I feel mobile web is a joke, but I express indignation. Maybe if I admit incompetence. Maybe if I build it, I'll lessen inadequacy.
I feel mobile web is a joke, but I express indignation. Maybe if I admit incompetence, keep failing to learn Cocoa, I'll lessen inadequacy.
I feel mobile web is a joke, but I express indignation. Maybe if I admit incompetence, keep failing to learn Cocoa. Maybe if I lessen inadequacy, build it, I'll learn how to learn.
<html>
libxml2
<html>

libxml2 → Objects
<html>
  ↓
  ↓
libxml2 ➔ Objects
<html> → libxml2 → Objects → Build UI
Build UI

<html>

libxml2 → Objects
Days like these...

#1 - Today, 06:10PM
Poonani should have a pH balance of 0

Will this E3 be Do or Die time for Wii 3rd party support?
No more excuses. No more we were caught off guard. No more it wont sell, Kiddle, non gamer etc. By support I mean proper games not port/shovel/half-ass scrapware. Discuss

The Experiment
#2 - Today, 06:11PM
Member

No

sprocket
#3 - Today, 06:12PM
Member

Wii third party has grown immensely with announcements in the past few months.
• 66% faster! Legible!
• 66% faster! Legible!
• Full-featured
• 66% faster! Legible!
• Full-featured
• 1st OSS contribution
• 66% faster! Legible!
• Full-featured
• 1st OSS contribution
• 1st user group talk
• 66% faster! Legible!
• Full-featured
• 1st OSS contribution
• 1st user group talk
• Rejected by Apple
Mission Accomplished
Learning simple stuff is easy...
Learning simple stuff is easy...

...if you can fit it inside a day
Learning something bigger?
Learning something bigger?
Learning something bigger?
Learning something bigger?
Learning something bigger?

Then you need a real purpose.
Learning something bigger?

Then you need a real purpose.
Learning something bigger?

Then you need a real purpose.
Find the smallest thing you can care mad over
Incompetence
Incompetence
Incompetence
Java kids be like
Java kids be like 🤓
Ruby kids be like
Ruby kids be like 😎
Java
Java
Ruby
Ruby
Programming
Dynamic Programming 😞
Meta-programming
My first Ruby team
My first Ruby team
My first Ruby team's tests
My first Ruby team's tests
dog = double()
dog = double()
dog.should_receive(:wag)
dog = double()
dog.should_receive(:wag)
    .with(:tail)
dog = double()  
dog.should_receieve(:wag)  
    .with(:tail)

subject.pet(dog)
dog = double()
dog.should_receive(:wag)
   .with(:tail)

subject.pet(dog)
dog = double()
dog.should_receive(:wag)
   .with(:tail)

subject.pet(dog)

No type awareness
dog = double()
dog.should_receive(:wag)
   .with(:tail)

subject.pet(dog)

Out of order
dog = double()
dog.should_receive(:wag)
   .with(:tail)

subject.pet(dog)
I feel _________, but I _________. Maybe if I ________, I'll _________.
I feel mad at these mocks, but I express indignation. Maybe if I admit incompetence build it, I'll lessen inadequacy.
I feel mad at these mocks, but I can't metaprogram Ruby. Maybe if I admit incompetence build it, I'll lessen inadequacy.
I feel mad at these mocks, but I can't metaprogram Ruby. Maybe if I admit incompetence
build it, I'll fit in with Rubyists.

express indignation

lessen inadequacy
Cargo-cult

Java  →  Ruby
Java  ➔  Ruby
Learned Humility
Learned Humility
Learned Humility
Learned Humility
dog = gimme(Dog)
dog = gimme(Dog)

subject.pet(dog)
dog = gimme(Dog)

subject.pet(dog)

verify(dog).wag(:tail)
• Had type awareness
• Had type awareness
• Preserves test order
• Had type awareness
• Preserves test order
• Clever, terse APIs
• Had type awareness
• Preserves test order
• Clever, terse APIs
• Nobody adopted it
- Had type awareness
- Preserves test order
- Clever, terse APIs
- Nobody adopted it
- Influenced competitors
Getting out of the line of fire
Working code can sell ideas.
Working code + can sell ideas
Working code can sell ideas
Ideas require no maintenance!
Incompetence
Incompetence
Incompetence
Inadequacy
Midwestern programming
success comes so readily
success comes so readily
I'm not great at cocktail parties
I had some rockstar envy
I feel _express indignation_, but I _admit incompetence_. Maybe if I _build it, I'll lessen inadequacy_.
I feel my work isn't exciting, but I express indignation. Maybe if I admit incompetence, build it, I'll lessen inadequacy.
I feel my work isn't exciting, but I express indignation. Maybe if I build it, I'll lessen inadequacy.
I feel my work isn't exciting, but I express indignation.

only know how to Enterprise. Maybe if I admit incompetence.

build it, I'll be more appreciated.
"Let's think bigger"
"Let's think bigger"
Must Stache

Cory
Must Stache

Cory
• Posted to a forum at 11pm
• Posted to a forum at 11pm
• 🛌
• Posted to a forum at 11pm
• 😴
• 12,000 views (~3,000 installs)
• Posted to a forum at 11pm
• 😴
• 12,000 views (~3,000 installs)
• 40 pages per user/hour
• Posted to a forum at 11pm
• 😴
• 12,000 views (~3,000 installs)
• 40 pages per user/hour
• 42 images/page
• Posted to a forum at 11pm
• 😴
• 12,000 views (~3,000 installs)
• 40 pages per user/hour
• 42 images/page
• 5 million requests per hour
Serverless!
Must Stache

Cory

face.com

Cory
Must Stache

Cory

face.com

Cory
Must Stache

[Diagram showing the process of searching for Cory on Face.com]
Many months later
Face.com acquired by Facebook for an estimated $80 million+, facial tagging clearly at the forefront

Facebook has acquired Face.com!

Our mission is and has always been to find new and astonishing ways to make face recognition a fun, engaging part of people's lives, and incorporate remarkable technology into everyday consumer products. With Facebook, we'll get to continue to pursue that mission - we couldn't be more excited. Read more
Your web browser is missing something. You might not know it, but there's a mustache-shaped hole—in your browser and in your heart. Fear not: there's a solution. It's called Must Stache, and it's an extension for Chrome that uses JavaScript and facial recognition technology to overlay mustaches atop every face on a web page.
Chrome Plug-in Adds Mustaches to Every Online Face

By Chris Brandrick, PCWorld
Sep 6, 2011 3:30 AM

Mustaches make everything better
You Must Stache

By Jeremiah on April 28, 2012 10:18 pm
Meet Must Stache, The Endlessly Entertaining Internet Tool That Puts Mustaches on All Your Pictures

By Beth Shapouri May 3, 2012

My apologies to you guys in advance—if you have Google Chrome, you're not going to get anything done this afternoon 'cause I'm about to tell you about the most fun time-waster ever. It involves mustaches.

I'm talking about Must Stache, an extension for Google Chrome that puts big-bushy mustaches on your photos. For instance, this is what I'd look like with facial hair:
This wasn't fan mail 😡
• Built a popular thing
• Built a popular thing
• Was unaware of that popularity
• Built a popular thing
• Was unaware of that popularity
• Made someone else millions
• Built a popular thing
• Was unaware of that popularity
• Made someone else millions (?)
• Built a popular thing
• Was unaware of that popularity
• Made someone else millions (?)
• Made thousands of users angry
• Built a popular thing
• Was unaware of that popularity
• Made someone else millions (?)
• Made thousands of users angry
• Left with no recourse
Serverless isn't
Popularity without purpose is toxic
Inadequacy
Inadequacy
I was on a legacy rescue project
I was on a legacy rescue project.
I was on a legacy rescue project. My kids will inherit it.
I was on a legacy rescue project
I wanted to be rescued
I was on a legacy rescue project
Can I program anything useful in under 2 months anymore?
to-do apps
Plaintext to-dos

Project:
Plaintext to-dos

Project:
- Task A
Plaintext to-dos

Project:
- Task A
- Task B
Plaintext to-dos

Project:
- Task A
- Task B
- Task C
Plaintext to-dos

Project:
/ Task A
- Task B
- Task C
Plaintext to-dos

Project:
- Task A
  # Task B
- Task C
Plaintext to-dos

Project:
- Task A
# Task B
- Task C {6/10/2011}
I feel _________, but I express indignation admit incompetence. Maybe if I build it, I'll _______ lessen inadequacy.
I feel I hate all to-do apps, but I express indignation. Maybe if I admit incompetence. Maybe if I build it, I'll lessen inadequacy.
I feel _________, but I _________.

Maybe if I _________.

I hate all to-do apps, but I express indignation.

I forgot how to code. Maybe if I admit incompetence.

I'll lessen inadequacy.
I feel [I hate all to-do apps], but I [express indignation]. Maybe if I [admit incompetence]

[forget how to code]. Maybe if I [build it, I'll [restore my pride]]. [lessen inadequacy]
A quest!
Build a great to-do app...
...in under 24 hours
doing-it app

doing-it:
doing-it app

doing-it:
  - make a div contenteditable
doing-it app

doing-it:
- make a div contenteditable
- dump it in localStorage
doing-it app

doing-it:

- make a div contenteditable
- dump it in localStorage
- read from localStorage
doing-it app

doing-it:
- make a div contenteditable
- dump it in localStorage
- read from localStorage
- use it to track the rest
I did it!
doing it
doing-it
• Finished within 1 day
• Finished within 1 day
• Renewed confidence
• Finished within 1 day
• Renewed confidence
• Still works (❤️ Heroku!)
• Finished within 1 day
• Renewed confidence
• Still works (❤️ Heroku!)
• No users ➔ no e-mail
• Finished within 1 day
• Renewed confidence
• Still works (❤️ Heroku!)
• No users ➔ no e-mail
• Threw it on GitHub
Self-validation
"How do I open-source?"
Write (me) some docs, my child.
Send (me) a pull request
Dear Kids,

Here's to the crazy ones. The misfits. The rebels. The troublemakers. They're not happy with the status quo. They question things. They see things differently. They're not afraid of change. And they make things happen.

Now, while some people see them as troublemakers or viktorful, they see them as the crazy ones, the ones who see things differently. They're not afraid to challenge the status quo. They're not afraid to change things. They push the boundaries, and while some may see them as the crazy ones, we see them as heroes. Because the people who make history are the ones who push the boundaries of what's possible.

Tales of John Appleseed
Dear Kids,

Here's to the crazy ones. The misfits. The rebels. The troublemakers. The round pegs in the square holes. The ones who see things differently. You're not normal. And they have no respect for the status quo. You can see the world differently or wildly. About the only thing you can do to ignore them is to change things. They persistently change things. And while some may see them as the crazy ones, we see geniuses. Because the people who are crazy enough to think differently, are the ones who change the world, are the ones who do.

Talk soon.
John Appleseed
Rejected! This is not how I'd do it.
Do you want another boss?
I made what I wanted, then flung it online
Can't predict what'll stick
Inadequacy
Inadequacy
Inadequacy
The Thoughtleader's Dilemma
The Thoughtleader's Dilemma

• Do interesting work
The Thoughtleader's Dilemma

• Do interesting work
• Share insights with others
The Thoughtleader's Dilemma

• Do interesting work
• Share insights with others
• Stop doing the work
The Thoughtleader's Dilemma

• Do interesting work
• Share insights with others
• Stop doing the work
• Thoughtlead others off a cliff
Test-Driven Development
One day, I started leading thoughts....
google "tdd failure"
The Failures of "Intro to TDD"

I'm now halfway through teaching a two-week crash course on "agile development stuff" to a team of very traditional enterprise Java developers. Condensing fifteen years of our community's progress into 8 half-day workshops has presented an obvious challenge: given the clear time constraints, what set of ideas and practices...
This is "London-school" TDD
This is "London-school" TDD
This is "London-school" TDD
It isn't, really
Discovery Testing
I feel _________, but I _________

express indignation

admit incompetence

build it, I'll _________.

Maybe if I _________

lessen inadequacy
I feel TDD isn't understood, but I express indignation. Maybe if I admit incompetence. Maybe if I build it, I'll lessen inadequacy.
I feel TDD isn't understood, but I express indignation. Maybe if I admit incompetence, I'll lessen inadequacy. I am a talking head. Maybe if I build it, I'll...
I feel **TDD isn't understood**, but I express indignation. I am a talking head. Maybe if I admit incompetence, I build it, I'll validate my ideas. I lessen inadequacy.
Simplisafe™ alarm system
Simplisafe™ alarm system
Simplisafe™ alarm system
homebridge

Works with Apple HomeKit
homebridge → ? → 😃

Works with Apple HomeKit
Hey Siri, turn on my alarm
Does my TDD process work?
Several hours later...
Whew!
npm install simplisafe
var simplisafe = require('simplisafe')

var simplisafe = require('simplisafe')
simplisafe({}
var simplisafe = require('simplisafe')

simplisafe({
    user: 'foo@bar.com',
})
var simplisafe = require('simplisafe')
simplisafe({
    user: 'foo@bar.com',
    password: '1234'
var simplisafe = require('simplisafe')

simplisafe(
  {
    user: 'foo@bar.com',
    password: '1234'
  }, function (er, client) {
var simplisafe = require('simplisafe')

simplisafe({
    user: 'foo@bar.com',
    password: '1234'
}, function (er, client) {
    client.setState('away')
})
var simplisafe = require('simplisafe')

simplisafe({
    user: 'foo@bar.com',
    password: '1234'
}, function (er, client) {
    client.setState('away')
})
```javascript
var simplisafe = require('simplisafe')

simplisafe({
    user: 'foo@bar.com',
    password: '1234'
}, function (er, client) {
    client.setState('away')
})
```
• Followed my own advice
• Followed my own advice
• It actually went really well!
• Followed my own advice
• It actually went really well!
• I went too long without validating my ideas
• Followed my own advice
• It actually went really well!
• I went too long without validating my ideas 😢
Dear technical managers,
Dear former developers,
Everything seems simple at a distance
Pattern recognition yields generic advice
Trust the people closest to the work
Inadequacy
Inadequacy
Inadequacy
Indignation
I'm a worrier 😥
Six years pass....
SPoPoFaaS
SPoFaaS

(single point of failure as a service)
I feel ________, but I _________. Maybe if I ________, I'll _________.

express indignation
admit incompetence
build it, I'll _________.

lessen inadequacy
I feel **security matters**, but I **express indignation**.

Maybe if I **admit incompetence**

I'll **build it**, I'll **lessen inadequacy**.
I feel **security matters**, but I ___________. Maybe if I admit incompetence ___________. Maybe if I build it, I'll ___________.

am not an expert . Maybe if I

build it, I'll ___________.

lessen inadequacy
I feel **security matters**, but I express indignation, I admit incompetence. Maybe if I build it, I'll feel a little safer.
ne_ants
FineAnts.download("vanguard",

FineAnts.download("vanguard", { 
  user: "janelastname",

FineAnts.download("vanguard", { user: "janelastname", password: "password"})
FineAnts.download("vanguard", {
  user: "janelastname",
  password: "password"
})
FineAnts.download("vanguard", {
    user: "janelastname",
    password: "password"
})
FineAnts.download("vanguard", {
  user: "janelastname",
  password: "password"
})
FineAnts.download("vanguard", {
  user: "janelastname",
  password: "password"
})

[
  {
    id: "12345",
  }
]
FineAnts.download("vanguard", { 
  user: "janelastname",
  password: "password"
})

[{
  id: "12345",
  amount: 12.34
}]
FineAnts.download("vanguard", { user: "janelastname", password: "password" })

[{
  id: "12345",
  amount: 12.34
}]

Set your own pace
We believe that clear goals, a long-term investment philosophy, a balanced portfolio, and low costs create a path to your financial goals. There's investing, and then there's Vanguard.

Go Start Vanguarding
fine_ants_app

http://localhost:3000
fine_ants_app

http://localhost:3000
<table>
<thead>
<tr>
<th>Account Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>My Roth IRA</td>
<td>$1,234.56</td>
</tr>
<tr>
<td>Our Joint Account</td>
<td>$2,345.67</td>
</tr>
<tr>
<td><strong>Grand total</strong></td>
<td><strong>$3,580.23</strong></td>
</tr>
</tbody>
</table>
fine_ants
• I (almost) have a dashboard
• I (almost) have a dashboard
• Locally encrypted
• I (almost) have a dashboard
• Locally encrypted
• Put Selenium to good use
• I (almost) have a dashboard
• Locally encrypted
• Put Selenium to good use
• Not a generalizable app
No shame in "hobby-grade"
Selfish little toy apps inspired many of us
Indignation
Indignation
Indignation
Test doubles are like stunt doubles.
Test doubles are like stunt doubles.
Test doubles are like stunt doubles.
Test doubles are like stunt doubles.
Test doubles are like stunt doubles.
Test doubles are like stunt doubles.
Getting started

The following function takes a function as its argument and returns a new function. You can call the resulting function as many times as you want, but the original function will only be called once:

```javascript
function once(fn) {
    var returnValue, called = false;
    return function () {
        if (!called) {
            called = true;
            return fn.apply(this, arguments);
        }
        return returnValue;
    }
}
```
I feel ________, but I ________.

Maybe if I ________, I'll ________.

I admit incompetence, lessen inadequacy.
I feel users are in pain, but I express indignation. Maybe if I admit incompetence, I'll build it, I'll lessen inadequacy.
I feel users are in pain, but I express indignation.

I can't beat Sinon. Maybe if I admit incompetence, maybe if I build it, I'll lessen inadequacy.
I feel users are in pain, but I express indignation.

Can't beat Sinon. Maybe if I admit incompetence, build it, I'll be less grouchy. Lessen inadequacy.
My entire career may hinge on two or three concepts.
Here's to the crazy ones. The misfits. The troublemakers. The round pegs in the square holes. The ones who see things differently. They are not fond of rules. And they have no respect for the status quo. You can quote them, disagree with them, glorify or vilify them. About the only thing you can't do is ignore them. Because they change things. Chances are, you will see the results of their work long after they have left the scene.
Here's to the crazy ones. The misfits. The trouble makers. The round pegs in the square holes. The ones who see things differently. They are not fond of rules. And they have no respect for the status quo. You can quote them, disagree with them, glorify or vilify them. About the only thing you can't do is ignore them.
Here's to the crazy ones. The misfits. The trouble makers. The round pegs in the square holes. The ones who are different. They are not fond of rules. And they have no respect for the status quo. You can quote them, disagree with them, glorify or vilify them. About the only thing you can't do is Ignore them.
Here's to the crazy ones. The misfits. The trouble makers. The round pegs in the square holes. The ones who see things differently. They are not fond of rules. And they have no respect for the status quo. You can quote them, disagree with them, glorify or vilify them. About the only thing you can't do is ignore them. Because those who think differently are those who change the world.
npm install testdouble
http://is.gd/happytdd

Happier TDD with testdouble.is
Post #50

testdouble.js vs. sinon.js

I hate "X upstart vs. Y incumbent" technology posts. They're reductive, provocative, and they
testdouble.js
testdouble.js

• Works pretty well
• Works pretty well
• Shares what we've learned clearly
- Works pretty well
- Shares what we've learned clearly
- Better than cynicism
Not getting through? Tweak your message.
Not winning != Not worthwhile
Criticism is easier than contribution.
Indignation
Indignation
Indignation
I 💚 emoji
Creativity is serious work
Open source:
Open source:

You create,
Open source:

You create, we depend
Hating your own creations
I feel _________, but I express indignation admit incompetence. Maybe if I build it, I'll _________ lessen inadequacy.
I feel exploited & exhausted, but I express indignation. Maybe if I admit incompetence, build it, I'll lessen inadequacy.
I feel exploited & exhausted, but I express indignation

I can't escape it. Maybe if I admit incompetence

I build it, I'll lessen inadequacy.
I feel exploited & exhausted, but I express indignation.

I can't escape it. Maybe if I admit incompetence,

build it, I'll find a fresh start. lessen inadequacy.
Build something no business would want
...or just license everything GPL
...or just license everything GPL
emoruby
❤️ 🔴 SOON
class Heart
  def wave
    puts "smiley earth_asia"
  end
end

Heart.new.wave
emoruby
emoruby

• It's real dumb
• It's real dumb
• Brought me joy
• It's real dumb
• Brought me joy
• Zero issues this year
It's okay to build things for yourself
It's okay to build things for yourself
It's okay to build things for fun.
Indignation
Indignation
Indignation
Incompetence  Inadequacy  Indignation
Incompetence  Inadequacy  Indignation
I see you
fine_ants
Maybe you're right
Creativity isn't for everyone
If you're __________________,
If you're perfectly content,
If you're totally fulfilled,
If you're OK with status quo,
If you're OK with status quo, why change things?
If you're OK with status quo, why change things?
Negative feels are a symptom 😞
Root cause analysis
Root cause analysis

- Wrong tool for the job?
Root cause analysis

• Wrong tool for the job?
• Technology-to-practice friction?
Root cause analysis

- Wrong tool for the job?
- Technology-to-practice friction?
- Work can't offer what you need?
Root cause analysis

- Wrong tool for the job?
- Technology-to-practice friction?
- Work can't offer what you need?
- Internal baggage to get over?
Reflect on your feels
Reflect on your feels
Your async brain
Your async brain
Your async brain
Your async brain
Your async brain
Your async brain
Find your outlet
Find your outlet*
Find your outlet*

*it may not involve software
Tomorrow!
Tomorrow!
Tomorrow!
Tomorrow!

Test Smells
I'm @searls—tell me what you think 😊!
We need creative types to help improve the industry.

join@testdouble.com
Know any teams looking for great programmers?

hello@testdouble.com
Credits:
Pole Vault by Mister Pixel from the Noun Project
Thought Bubble by Tim Smith from the Noun Project
Brain by Guillaume Bahri from the Noun Project