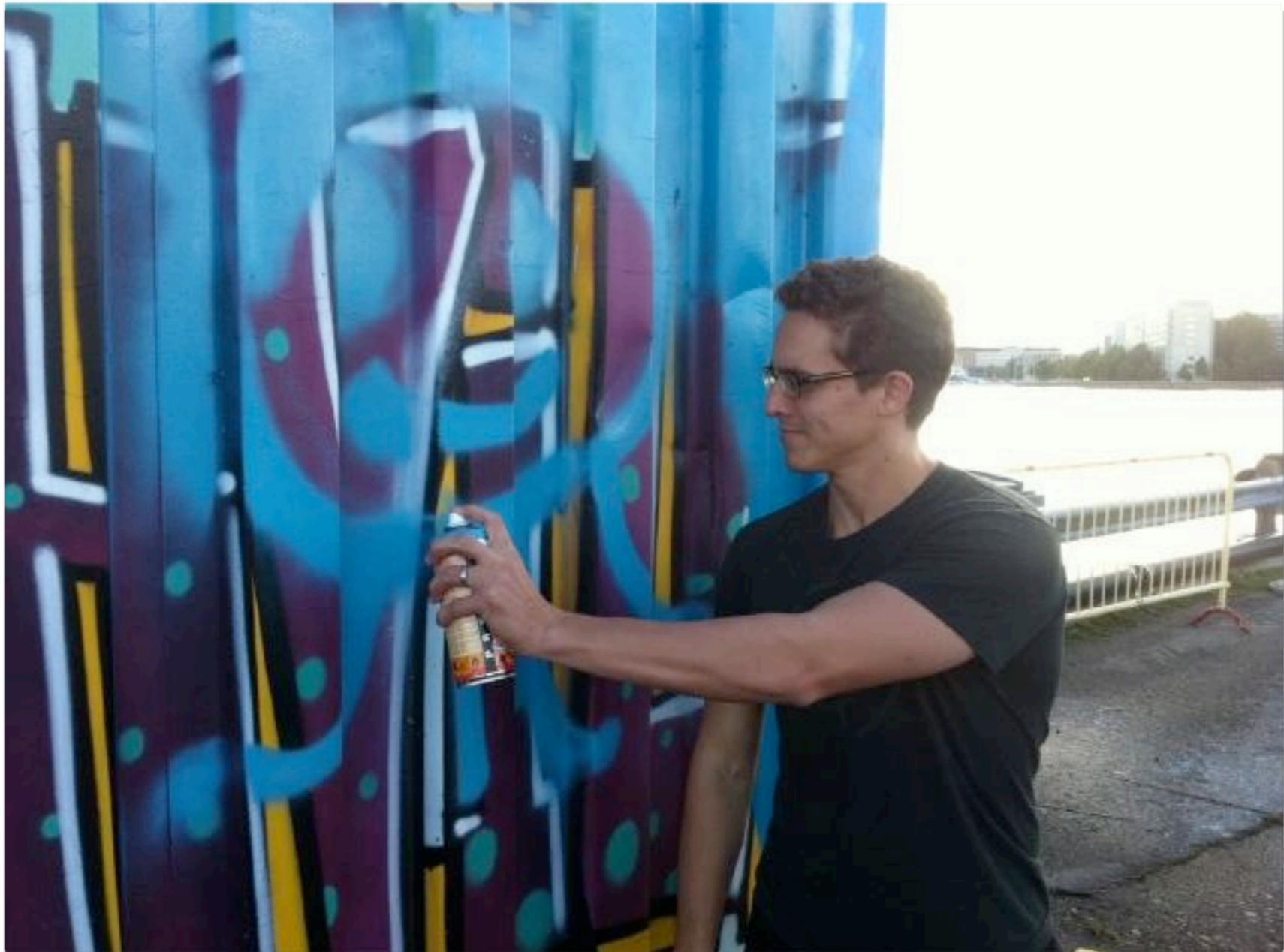


the open source
BUSINESS

freeing your business, as in beer

**who the hell
is this guy?**

i swear i'll go super fast...



scott chacon

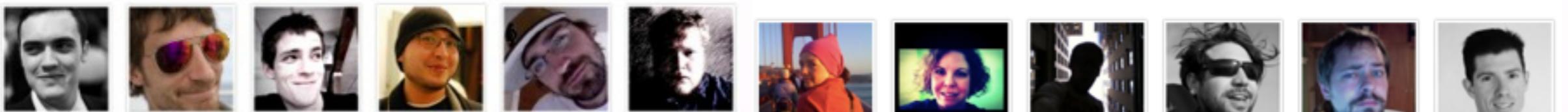
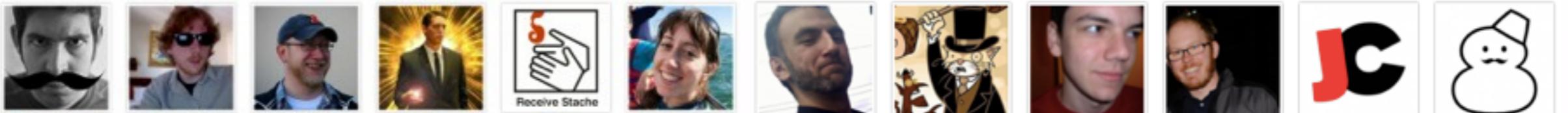




@chacon



github : first class
october 2008



58

souls

business\$
&
open source





business advantages

business

advantages

you should

use open source libraries

open source company code

use open source to find developers

learn from the open source model

use libraries

**reinventing
the wheel**

github Explore Gist Blog Help schacon 2310  schacon   

schacon ProTip™ There are a number of handy keyboard shortcuts in Issues, type "?" for a list. [News Feed](#)

[News Feed](#) [Your Actions](#) [Pull Requests](#) [Issues](#)

 **technoweenie pushed to strat-cache at [github/github](#) just now**
 [3d2ec52](#) dont bother trying to save events that arent dispatching

 **technoweenie pushed to strat-cache at [github/github](#) 10 minutes ago**
 [7f94350](#) use the Stratocaster::Store#save in Stratocaster::Dispatcher

 **finaldie commented on issue 333 on [antirez/redis](#) 12 minutes ago**
 @antirez My suggestion is : A new field in event, called 'fireIdx' when we remove a event, we set event->fireIdx = j and active[j] = fd. So when w...

 **rickhall commented on issue 14 on [mojombo/seмver](#) 12 minutes ago**
 Yes, certainly, but it is possible to change dependencies without changing API if it depends on a subset of the required library which is still bac...

 **technoweenie pushed to strat-cache at [github/github](#) 12 minutes ago**
 [053eb4b](#) test that Stratocaster::Event#created_at is set when going through mu...

 **technoweenie pushed to strat-cache at [github/github](#) 15 minutes ago**
 [07227e3](#) ruby rescue, not javascript catch

Your Repositories (245) [New repository](#)

Find a repository...

All Repositories [Public](#) [Private](#) [Sources](#) [Forks](#)

 github/jobs 
 git/git 
 schacon/gitscm 
 schacon/plan 
 bylochacan/bylochacan.github.com 
 schacon/hg-git 
 mojombo/grit 
 schacon/libVISCA2 
 bpo/resque 
 jtsay/APIDump 

Show 235 more repositories...

github Explore Gist Blog Help schacon 2312

Search Results

Explore Repositories Languages Timeline **Search**

Search Everything written in Any Language

Repositories (2114) (0.095 seconds) **Users (6)** (0.056 seconds)

mongodb / mongoid (Ruby) **mongodb** (C)
Ruby ODM framework for MongoDB
1007.8 KB | 570 forks | 1997 watchers | last activity about 1 hour ago
319 followers | 21 repos

LearnBoost / mongoose (JavaScript) **django-mongodb-engine** - Django MongoDB Engine
Node.JS MongoDB utility library with ORM-like functionality
289.1 KB | 156 forks | 1670 watchers | last activity 6 days ago
1 followers | 1 repos

christkv / node-mongodb-native (JavaScript) **mongodb-csharp** (C#)
Mongo DB Native NodeJS Driver
261.7 KB | 178 forks | 1249 watchers | last activity about 5 hours ago
0 followers | 1 repos

mongodb / mongo-ruby-driver (Ruby) **mongodb-docs**
Ruby driver for MongoDB
0 followers | 0 repos

mongodb / mongo-db-jp - MongoDB JP

> 1,100,000 original projects

```
>> Repository.count( :conditions =>
  { :parent_id => nil, :public => 1 } )
=> 1169692
```

advantages

better code

faster development

community

contribute

back

```
$ date
Mon Jan 13 10:26:39 EDT 2012

$ git clone git://github.com/test-org/test-proj
Cloning into test-proj...
$ cd test-proj/

$ vim README
$ git commit -am 'made it better'
[master dbeb245] made it better
 1 files changed, 2 insertions(+), 0 deletions(-)

$ (fork it on github)

$ git remote add mine git@github.com:schacon/test-proj.git
$ git push mine master:feature_name
...
To git@github.com:schacon/test-proj.git
 9457e38..dbeb245  master -> feature_name

$ date
Mon Jan 13 10:27:49 EDT 2012
```

```
$ date  
Mon Jan 13 10:26:39 EDT 2012
```

```
$ git clone git://github.com/test-org/test-proj
```

```
Cloning into test-proj...
```

```
$ cd test-proj/
```

```
$ vim README
```

```
$ git commit -am 'made it better'
```

```
[master dbeb245] made it better
```

```
1 files changed, 2 insertions(+), 0 deletions(-)
```

```
$ (fork it on github)
```

```
$ git remote add mine git@github.com:schacon/test-proj.git
```

```
$ git push mine master:feature_name
```

```
...
```

```
To git@github.com:schacon/test-proj.git
```

```
 9457e38..dbeb245  master -> feature_name
```

```
$ date
```

```
Mon Jan 13 10:27:49 EDT 2012
```

clone

improve

fork

push

pull request

```
$ date  
Mon Jan 13 10:26:39 EDT 2012
```

```
$ git clone git://github.com/test-org/test-proj  
Cloning into test-proj...  
$ cd test-proj/
```

```
$ vim README  
$ git commit -am 'made it better'  
[master dbeb245] made it better  
1 files changed, 2 insertions(+), 0 deletions(-)  
  
$ (fork it on github)
```

```
$ git remote add mine git@github.com:schacon/test-proj.git  
$ git push mine master:feature_name  
...  
To git@github.com:schacon/test-proj.git  
 9457e38..dbeb245  master -> feature_name
```

```
$ date  
Mon Jan 13 10:27:49 EDT 2012
```

one minute

**share your
code**

if it does not
exist, and it is
general, os it

**software
commodity
ecosystem**

fungible

fungible
gas, not cars



efficiency

community

github

grit

bert / ernie

resque

proxymachine

cijoe

janky

linguist

github-services

jekyll

markup

albino

progit

github

grit
bert / ernie
resque
proxymachine
cijoe
janky

linguist
github-services
jekyll
markup
albino
progit

github-services

schacon / git-reference

git-reference Repository Administration

Visibility: Public Private

Default Branch: master

Repository Name: git-reference

Rename

Repository Options

Collaborators

Service Hooks

Deploy Keys

AVAILABLE SERVICE HOOKS

- Post-Receive URLs (0)
- Basecamp
- Boxcar
- Campfire
- CIA
- Commitify
- Cube
- Email
- FogBugz
- Freckle
- FriendFeed
- HipChat
- Irc
- Jabber
- Jaconda

Service hooks share your commits with other apps

```
$ git commit -m "Fixing all of the bugs"
```

Lobby The Danger Room The Serious Room Anchor Files, Transcripts & Search

Plus 26 other apps!

A screenshot of the GitHub repository settings page for 'git-reference'. The 'Service Hooks' section is highlighted with a red box. It lists various services that can receive post-receive notifications via a URL. The list includes Basecamp, Boxcar, Campfire, CIA, Commitify, Cube, Email, FogBugz, Freckle, FriendFeed, HipChat, Irc, Jabber, and Jaconda. To the right of this list is a sidebar with instructions on how service hooks work and a sample command for committing changes.

linguist

[linguist / test / fixtures / FooAppDelegate.h](#) 

```
1  #import <Cocoa/Cocoa.h>
2
3  @interface FooAppDelegate : NSObject <NSApplicationDelegate> {
4      @private
5      NSWindow *window;
6  }
7
8  @property (assign) IBOutlet NSWindow *window;
9
10 @end
11
```

linguist

Add .rbuild as Ruby extension	CLOSED
Hope it's not a problem to add a minor thing in the extensions, rbuilds are build scripts for my pac...	
 meh submitted to github/linguist June 28, 2011 Updated June 28, 2011	 0 comments
make colorize accept options	CLOSED
make colorize function accept options, just like this <code>ruby blob.colorize({ "O" => "linenos=table,encod...</code>	
 Sen submitted to github/linguist June 28, 2011 Updated June 28, 2011	 1 comment
Detect lilypond language.	CLOSED
Hopefully this will make github track lilypond files. Let me know any needed changes.	
 horndude77 submitted to github/linguist June 28, 2011 Updated June 28, 2011	 3 comments
fixing typo	CLOSED
kinda weird thing but small. enjoy it!	
 carlosgaldino submitted to github/linguist June 28, 2011 Updated June 28, 2011	 1 comment
fixed typo.	CLOSED
No description available	
 carlosgaldino submitted to github/linguist June 28, 2011 Updated June 28, 2011	 1 comment
Added scribble file extension to Racket.	CLOSED
This is our documentation language, http://docs.racket-lang.org/scribble/ , and the files are still r...	
 elbarzilay submitted to github/linguist June 27, 2011 Updated June 27, 2011	 2 comments
0 open requests and 56 closed requests	

github-services

```
@stats = {  
    :commits => 120,  
    :lines     => 2554,  
    :authors   =>      52,  
    :percent   =>    36%  
}
```

jekyll

```
@stats = {  
    :commits => 273,  
    :lines     => 3367,  
    :authors   => 59,  
    :percent   => 52%  
}
```

resque

```
@stats = {  
    :commits => 127,  
    :lines     => 3273,  
    :authors   => 46,  
    :percent   => 18%  
}
```

free work

recruit

ABC

ABC

always be committing

**open source
development**

**open source
team**

company

team



**what do you
want from
your team?**

innovation

speed

agility

creativity

collaboration

communication

8-5, M-F work day

cubicles

hierarchy

interruptions

compartmentalization

10 days vacation

**high school,
not university?**



the
magical tale
of
github

no office hours



no dev meetings

no vacations

no assignments

no managers

free beer

MVP

M inimum

v iable

P roduct

M inimum

v iable

P rocess

what do we have?

great pay

great health care

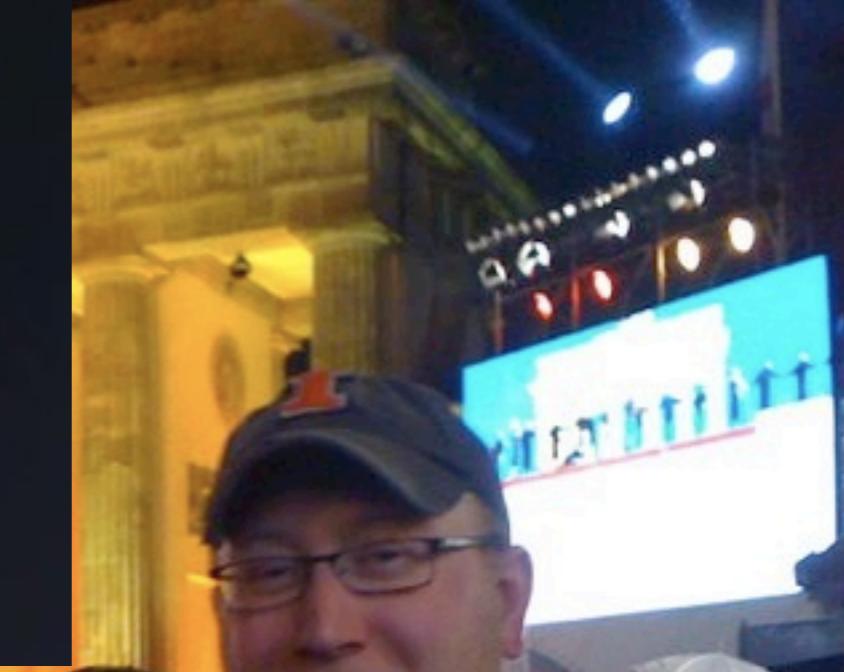
free gym membership

whatever hardware you want

kindle + amazon money

iphone + plan

side projects







Argentina
Australia
Belgium
Brazil
Canada
Chile
China
Colombia
Czech
Republic



Denmark
England
Finland
France
Germany
Greece
Ireland
Israel
Italy
Japan



New Zealand
Norway
Poland
Russia
Scotland
Spain
Sweden
Switzerland
Taiwan
Uruguay





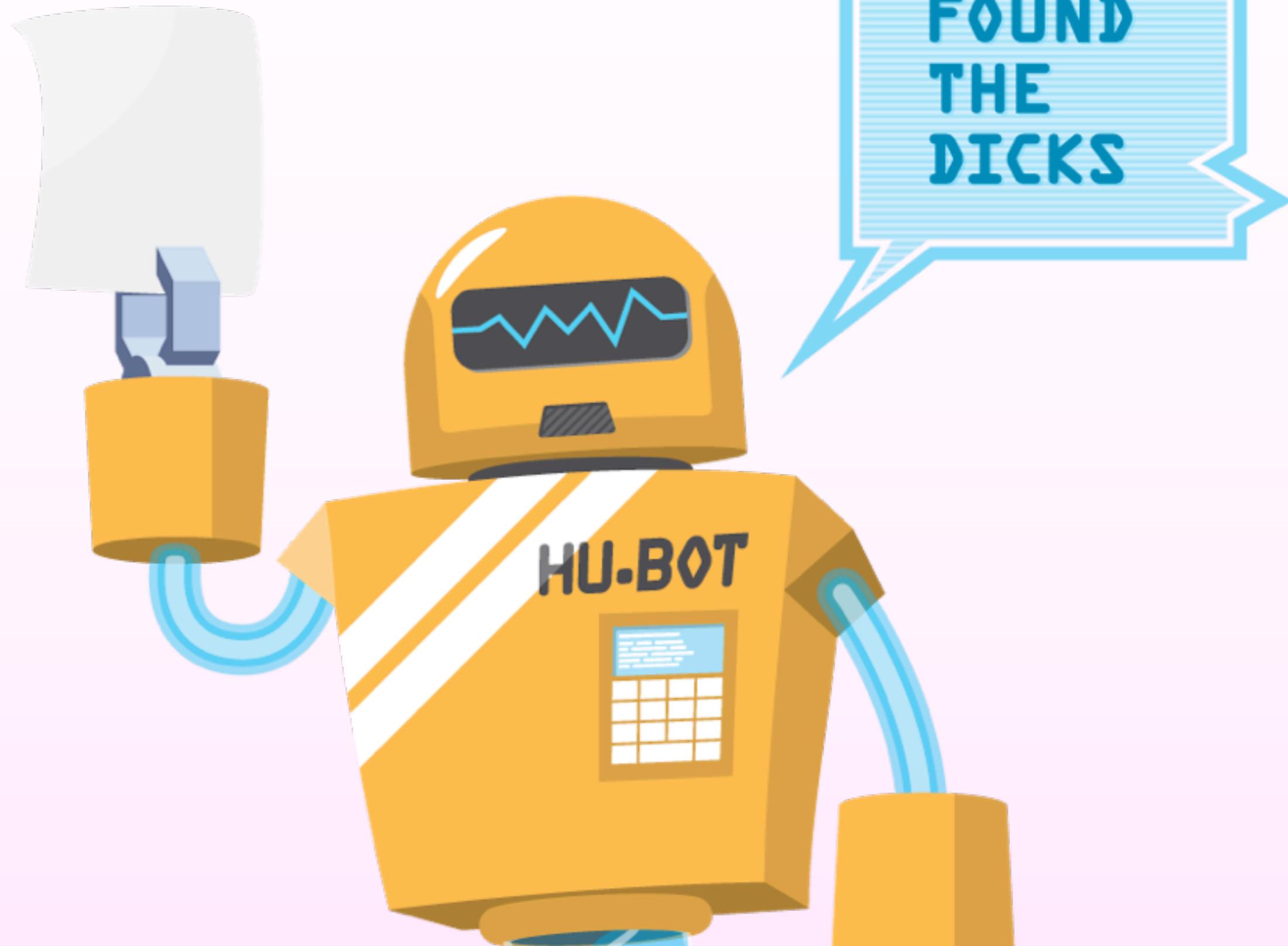




side projects

campfire:hubot

the friendly neighborhood campfire robot



holman/play

Hello, @schacon

▶

Imagine the Possibilities
by Paper Diamond
from Levitate

★ download song



QUEUE HISTORY

Paper Diamond
All Green Lights

★ download song remove from queue

download album



Daft Punk
Technologic

★ download song remove from queue

download album



Calvin Harris
Ready For The Weekend

★ download song remove from queue

download album







zencoder 
github:talks

○ ○ ○

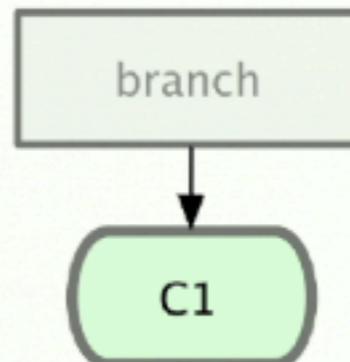
Presento

Video **ADVC-55** Sound **Display Audio** Slides **V4U121775** Stop Start



branches

lightweight, movable
pointers to a commit



Encodings

brianmario on 08/10/2011 at 02:36PM — 97 views



talks.githubapp.com







DEAL WITH IT



DEAL WITH IT



**hey hippie,
don't your employees just
sit around smoking pot and
giggling all day, then?**

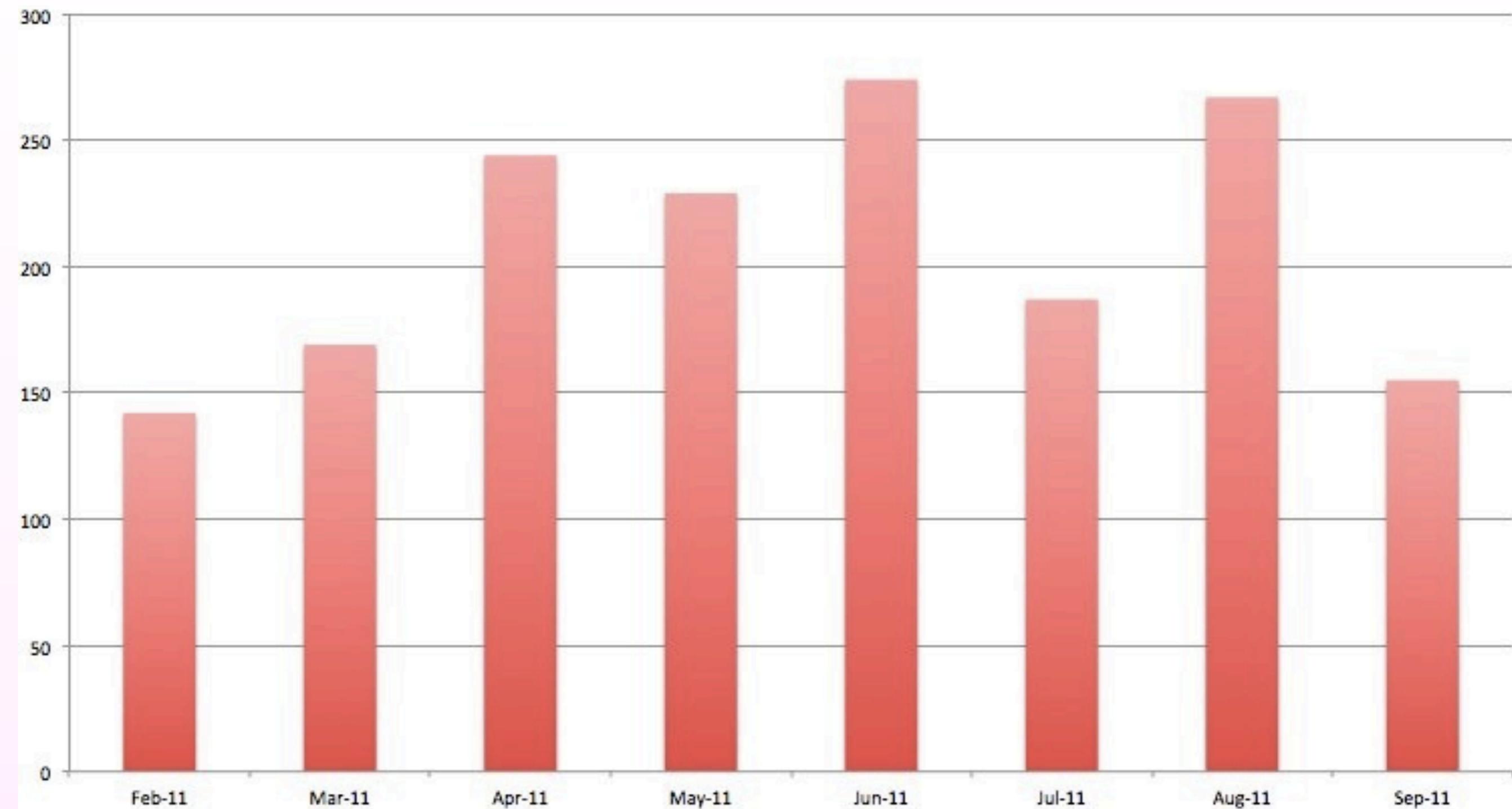
last year

400 pull requests (~1 per day)

last month

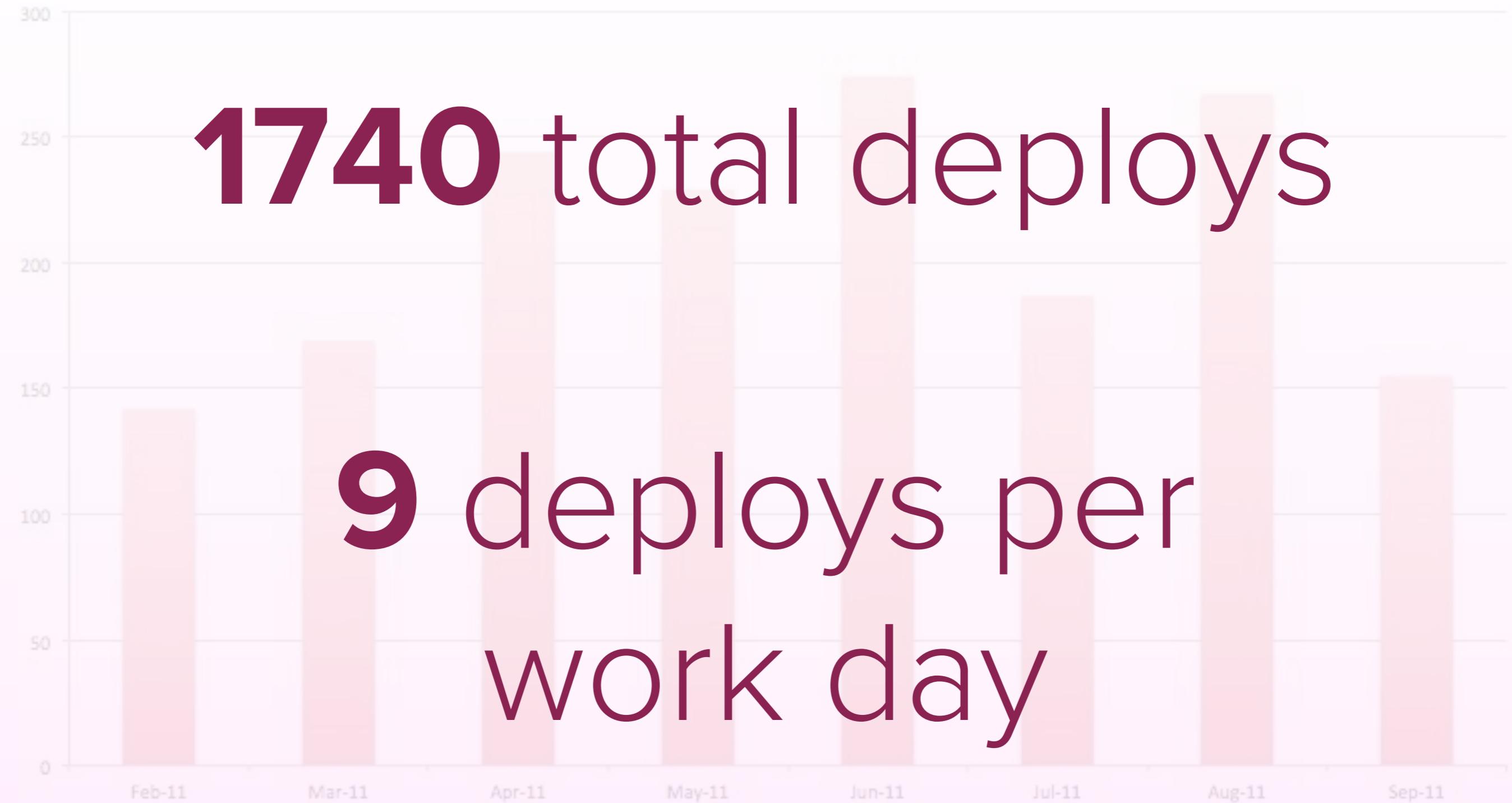
80 pull requests (~3 per day)

deploys per month



1740 total deploys

9 deploys per
work day



Range: [1d](#) [7d](#) [1m](#) [3m](#) [6m](#) [YTD](#) [1y](#) [Max](#)

01/01/2011 - 09/26/2011

Timezone: GMT -8

Uptime

Response time

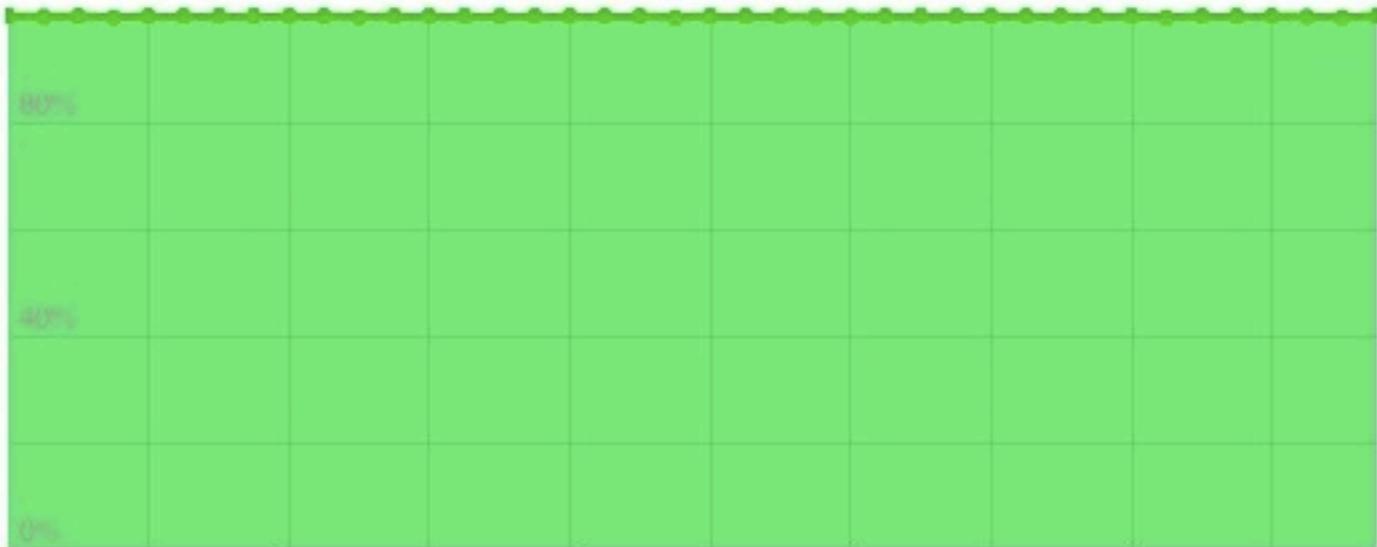
Detailed log

Share this data

Older



Newer



02/21/2011

04/18/2011

06/13/2011

08/08/2011

Uptime
99.95%

Downtime
3h 8m 59s

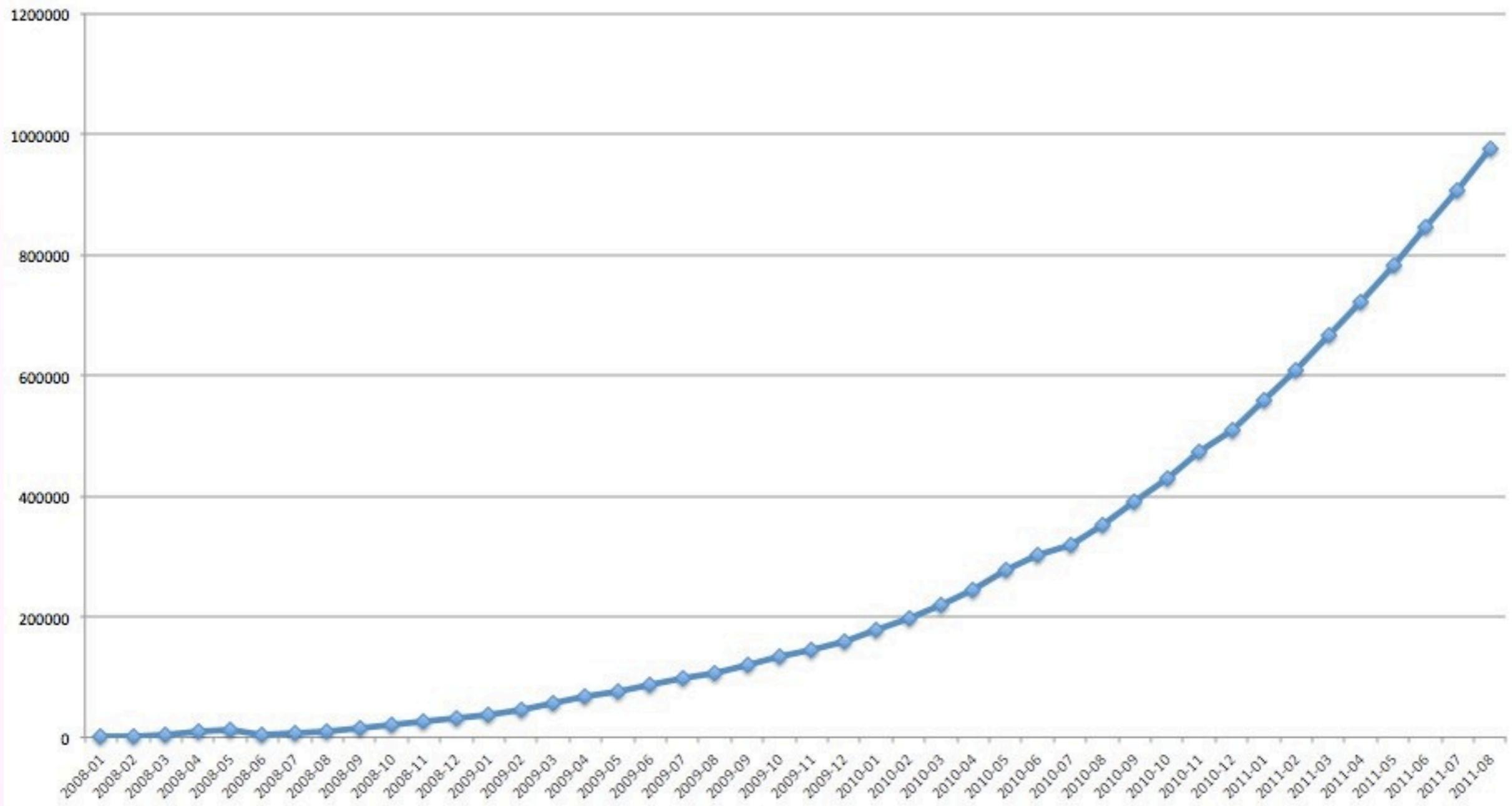
The average downtime length is 2m
23s

Number of downtimes
79

The longest downtime was 26m on
05/14/2011 10:02:16PM and the
shortest was 56s on 01/20/2011
7:40:20AM

3h / 6500h

users



**we're getting
stuff done**

precedent

University of Manchester

Andre Geim and Konstantin Novoselov

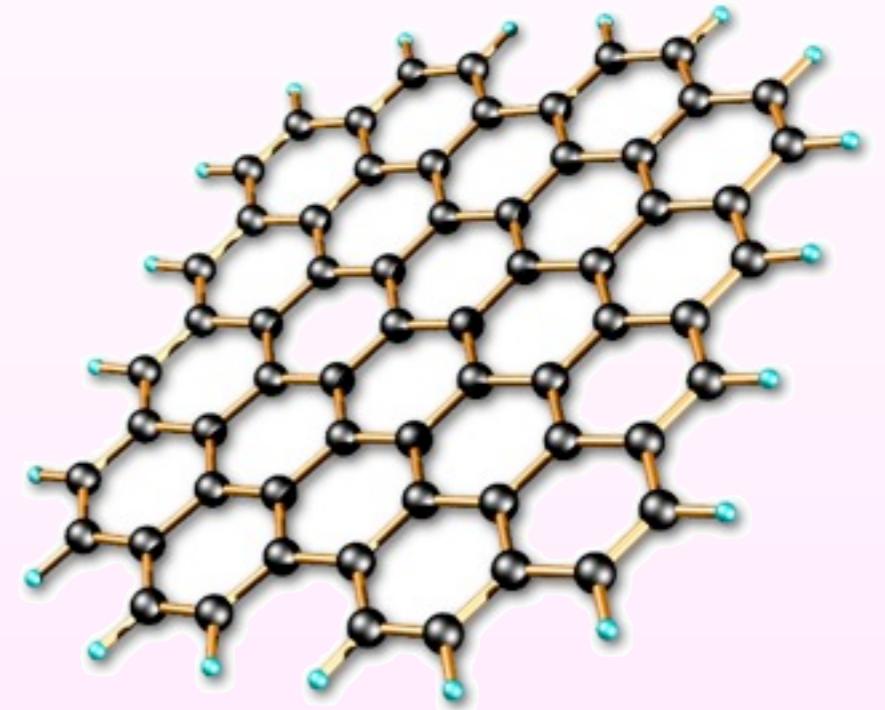
University of Manchester
Andre Geim and Konstantin Novoselov

10%

University of Manchester

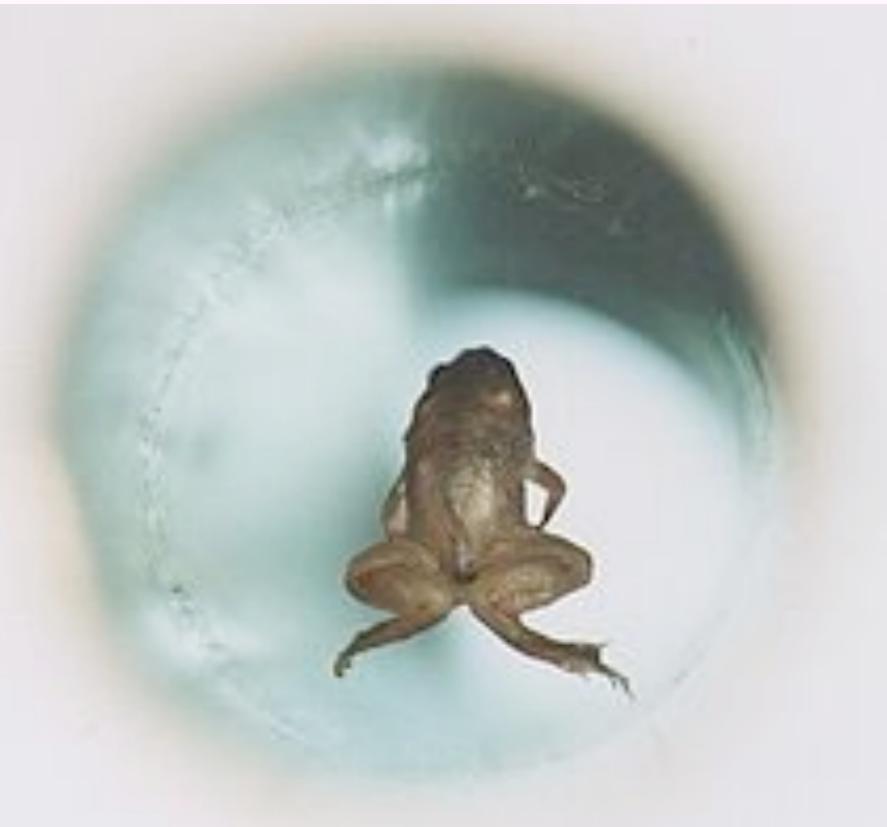
Andre Geim and Konstantin Novoselov

10%

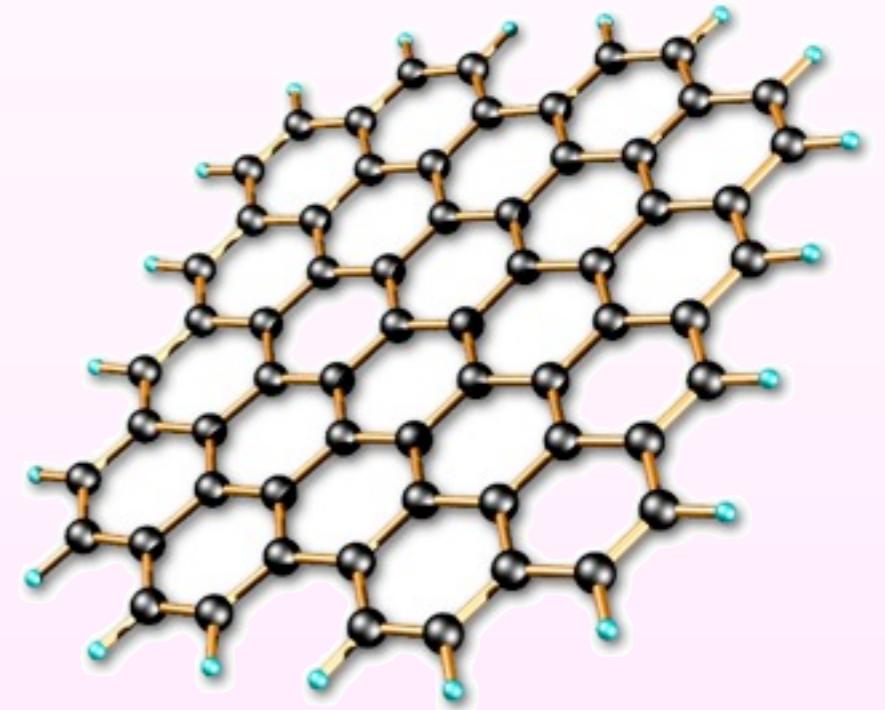


University of Manchester

Andre Geim and Konstantin Novoselov



10%



University of Manchester

Andre Geim and Konstantin Novoselov

10%



University of Manchester

Andre Geim and Konstantin Novoselov



10%



twitter week

atlassian 20%

google 20%

github 10%

NEW YORK TIMES BESTSELLER

Daniel H. Pink

author of the *A Whole New Mind*

DRiVE



The Surprising Truth
About What Motivates Us

intrinsic / extrinsic motivation

autonomy

mastery

purpose

Theory X

Theory Y

Do you believe that developers:

are trustworthy?

seek responsibility and accountability?

seek meaning in their work?

naturally want to learn?

don't resist change but they resist being changed?

prefer work to being idle?

Do you believe that developers:

are trustworthy?

seek responsibility and accountability?

seek meaning in their work?

naturally want to learn?

don't resist change but they resist being changed?

prefer work to being idle?

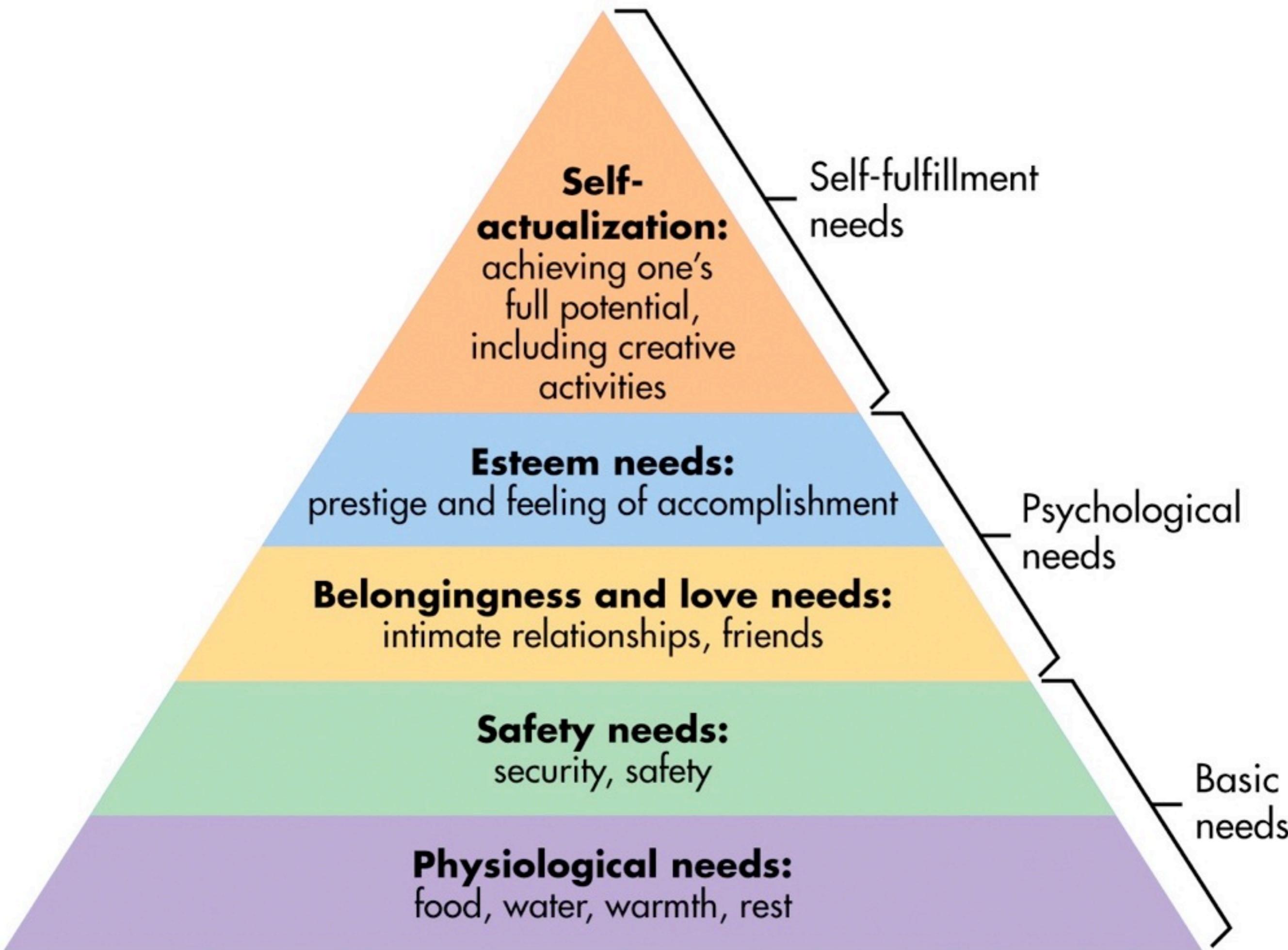
*"This is Maslow's most important and most enduring book.
It had a lasting impact on me."*

—Peter F. Drucker

MASLOW ON MANAGEMENT

Abraham H. Maslow

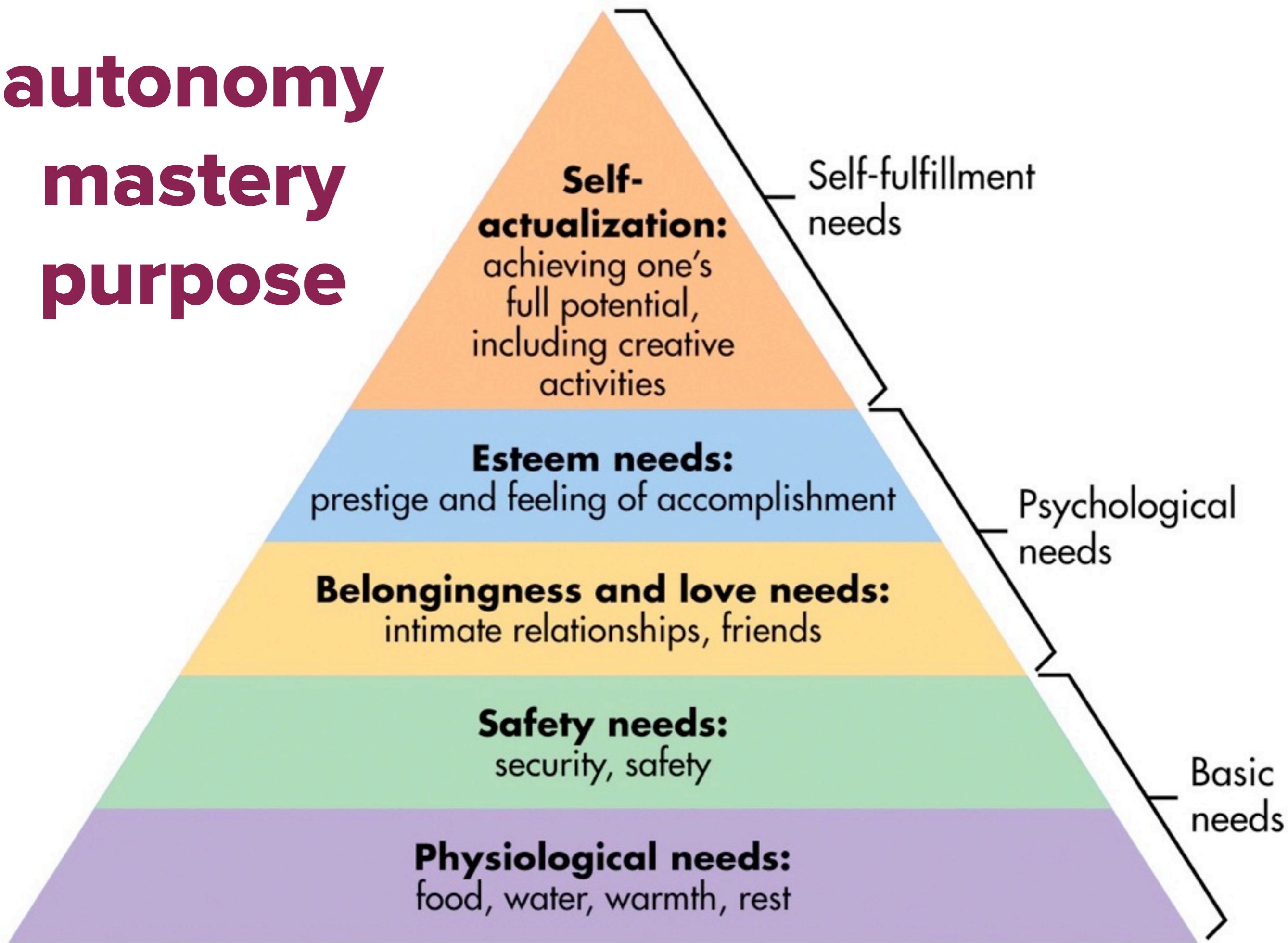
Foreword by Warren Bennis



autonomy

mastery

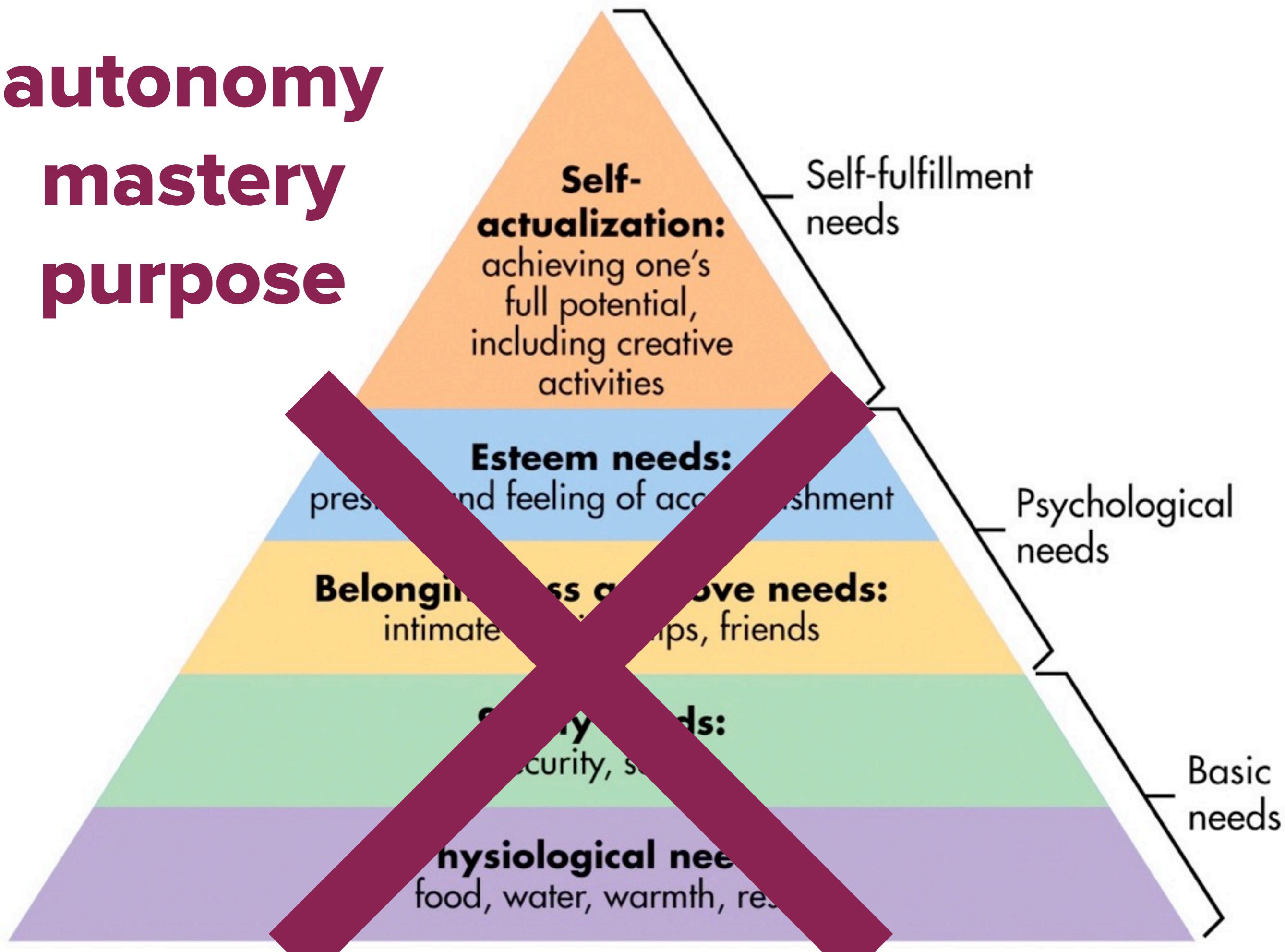
purpose



autonomy

mastery

purpose



autonomy

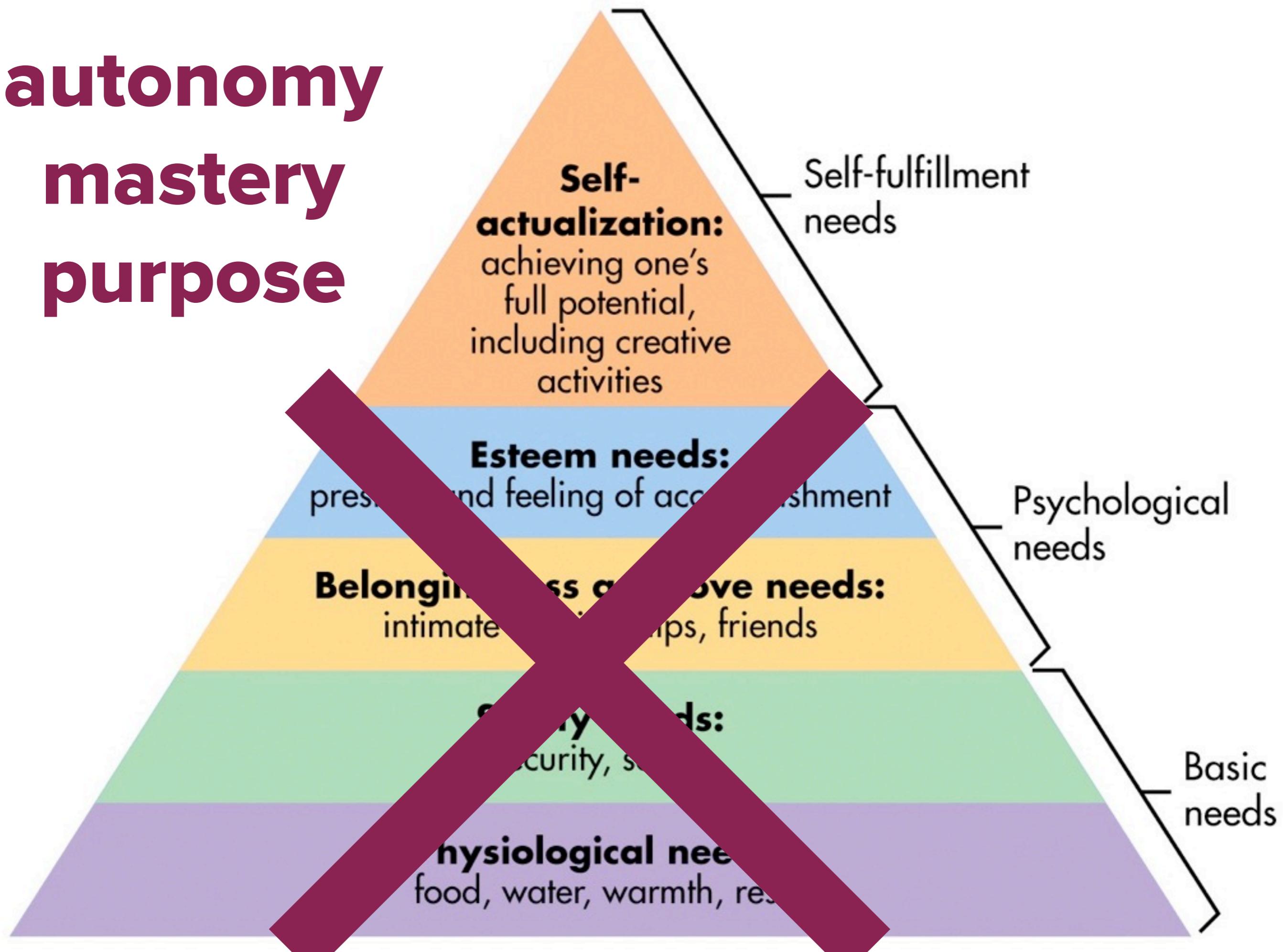
team culture

pay well

autonomy

mastery

purpose



work

something you have to do

work

something you have to do

the tool that helps you
achieve your full potential

no office hours



no dev meetings

no vacations

no assignments

no managers

free beer



?

summary

you should

use open source libraries

open source company code

use open source to find developers

learn from the open source model

thanks

scott chacon

speakerdeck.com/schacon

@chacon