

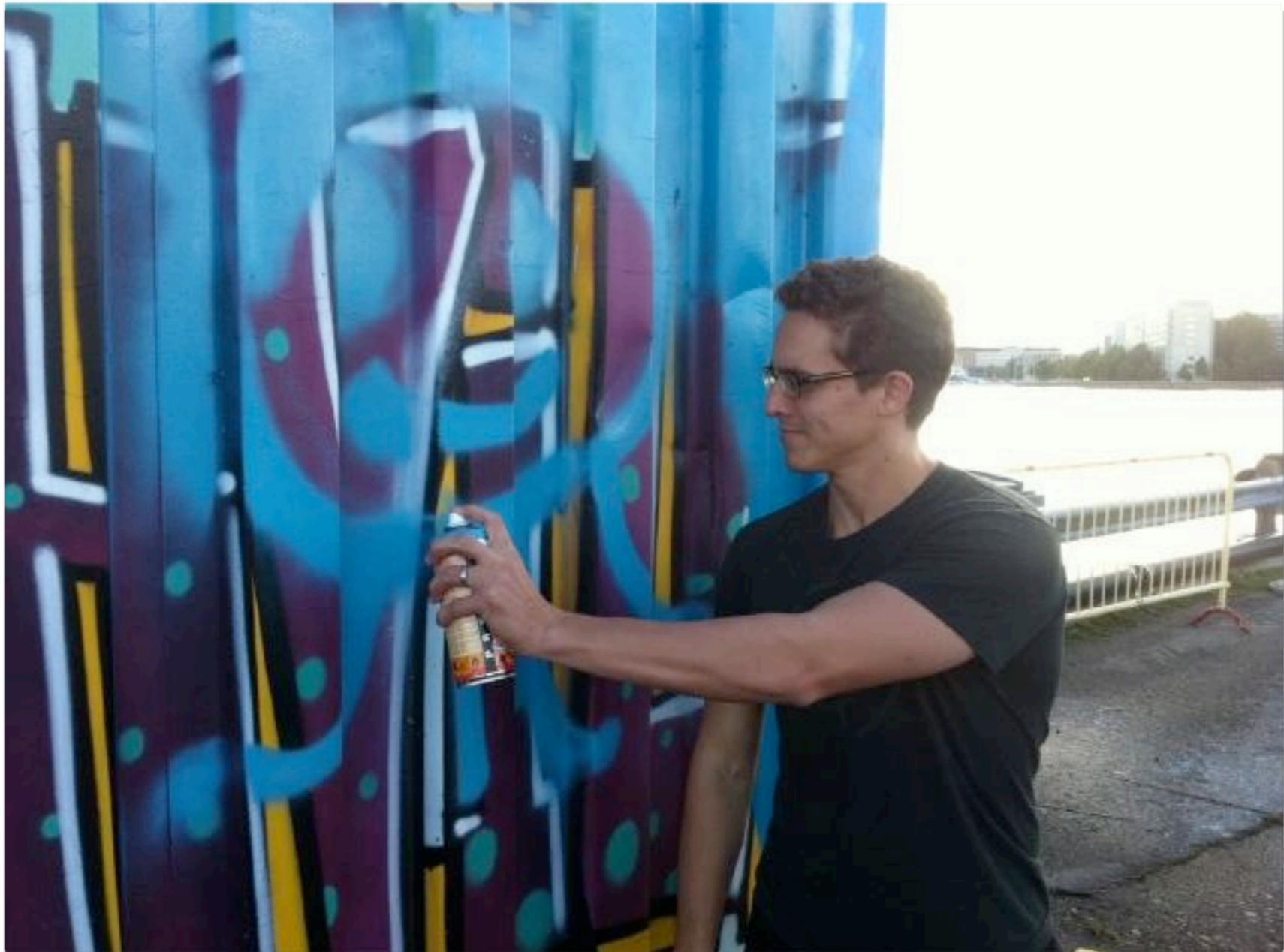
ROBOTS, BEER & MASLOW



handy tools for optimizing your team

**who the hell
is this guy?**

i swear i'll go super fast...



scott chacon





@chacon



github : first class
october 2008



Tom Preston-Werner
CTO
San Francisco



Chris Wanstrath
CEO
San Francisco



PJ Hyett
COO
San Francisco, CA



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CIO
San Francisco, CA



Tekkub
Support
Denver, CO



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Sydney :: Australia



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San Francisco, CA



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Community Manager
San Francisco, CA



Matt Todd
Developer
San Francisco, CA



Jon Maddox
Developer
Richmond, Va



Paul Betts
Developer
Seattle, WA



Matt Ganuchea
Artist in Residence
San Francisco, NY



Brian Lopez
Developer
San Francisco, Ca



Petros Amirdis
Support
Thessaloniki, Greece



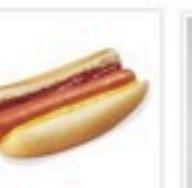
Bryan Veloso
Designer
Los Angeles, CA



Jeff King
Developer
Bloomington, IN



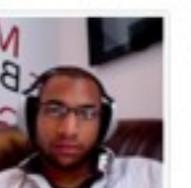
Cameron McElree
Designer
San Francisco



Corey Johnson
Developer
San Francisco



Matthew McCullough
Trainer
Denver, CO USA



Alex Williams
System Operations
Montreal



Nick Hengeveld
Developer
San Francisco, CA



Jesse Newland
System Operations
Savannah, GA



Jina Bolton
Designer
San Francisco,
California, USA



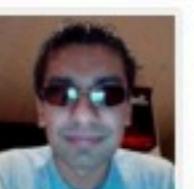
Justin Palmer
Designer
Portland, OR



Tim Clem
Developer
San Francisco, CA



Simon Rozet
Developer
Brussels, Belgium



Aman Gupta
Developer
San Francisco, CA



Josh Abernathy
Developer
San Francisco, CA



Beth Newland
Shipper
Seattle, WA



Kevin Sawicki
Developer
Redwood City, CA

45
Souls

“Running a team of developers and designers isn’t easy. Learn how to use several key apps and principles to make your team operate like a well-oiled, happy machine.”

”

“Running a team of developers and designers isn’t easy. Learn how to use several key **apps and principles** to make your team operate like a well-oiled, happy machine.”

”

apps

apps

a case study

the magical tale of github

how we use what to make yay!



campfire
asynchronous chat

campfire

maddox	you don't have to worry about rvm so it should be straightforward
	9:20 AM
maddox	i burned a whole day getting that shit to work with rvm + bundler + ruby
	9:20 AM
maddox	lol
Hubot	Build #4720 (b497e0c0) of github/master failed (233s) https://github.com/github/github/compare/2...
JP	ugh!
	9:25 AM
Hubot	[github/master] Tweak assertions, hate touching git fixtures – Joshua Peek (https://github.com/github/github/commit/22...)
	Build #4722 (22129604) of github/master was successful (239s) https://github.com/github/github/compare/b...
JP	green!
	9:30 AM
JP	hubot deploy github to production
Hubot	JP is deploying master (5290c14..2212960) to production (http://github.com/github/github/compare/52...), logs at https://heaven.githubapp.com/apps/github/logs/50

campfirenow.com

campfire



propaneapp.com

campfire



caveatPatchor.js

git.io/propane-hack

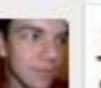
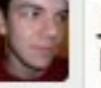
campfire

git.io/propane-hack

	maddox check out my launchd shit if you want	
	tclem k	
	maddox you don't have to worry about rvm so it should be straightforward	maddox you don't have to worry about rvm so it should be straightforward
	9:20 AM	9:20 AM
	maddox i burned a whole day getting that shit to work with rvm + bundler + ruby	maddox i burned a whole day getting that shit to work with rvm + bundler + ruby
	9:20 AM	9:20 AM
	maddox lol	maddox lol
	Hubot Build #4720 (b497e0c0) of github/master failed (233s) https://github.com/github/commit/b497e0c0	Hubot Build #4720 (b497e0c0) of github/master failed (233s) https://github.com/github/commit/b497e0c0
	JP ugh!	JP ugh!
	9:25 AM	9:25 AM
	Hubot [github/master] Tweak assertions, hate touching git fixtures - Joshua [#4722] [239s]	Hubot [github/master] Tweak assertions, hate touching git fixtures - Joshua [#4722] [239s]
	JP green!	JP green!
	9:30 AM	9:30 AM
	JP hubot deploy github to production	JP hubot deploy github to production
	Hubot JP is deploying master (5290c14..2212960) to production (http://github.com/github/github/compare/5290c14..2212960), logs at https://heaven.githubapp.com/apps/github/logs/50	Hubot JP is deploying master (5290c14..2212960) to production (http://github.com/github/github/compare/5290c14..2212960), logs at https://heaven.githubapp.com/apps/github/logs/50

campfire

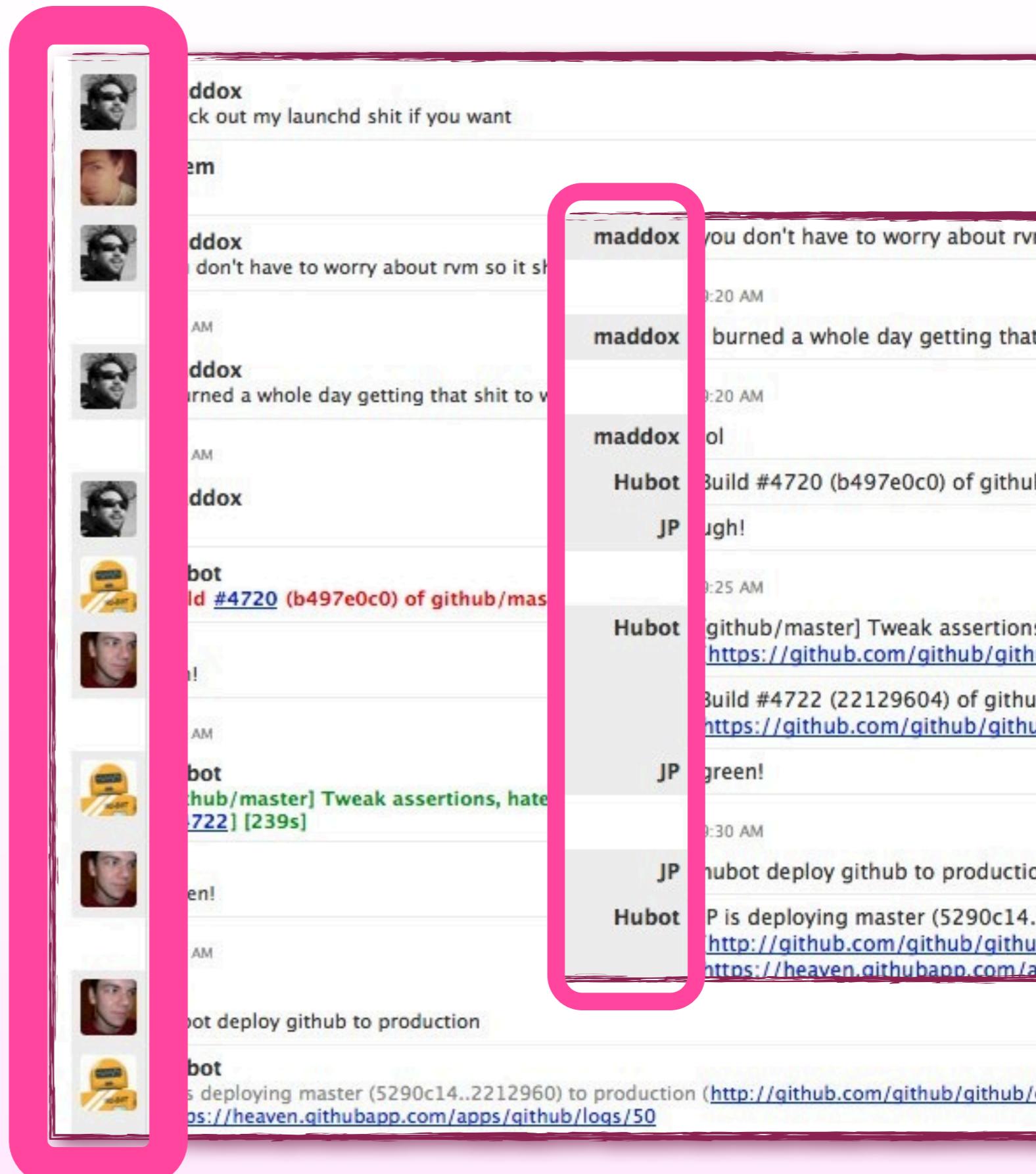
git.io/propane-hack

	maddox check out my launchd shit if you want	
	tclem k	
	maddox you don't have to worry about rvm so it sh	maddox you don't have to worry about rvn
	9:20 AM	9:20 AM
	maddox i burned a whole day getting that shit to w	maddox i burned a whole day getting that
	9:20 AM	9:20 AM
	maddox lol	maddox lol
	Hubot Build #4720 (b497e0c0) of github/mas	Hubot Build #4720 (b497e0c0) of github
	JP ugh!	JP ugh!
	9:25 AM	9:25 AM
	Hubot [github/master] Tweak assertions, hate	Hubot [github/master] Tweak assertions
	[#4722] [239s]	(https://github.com/github/github)
	JP green!	Build #4722 (22129604) of github (https://github.com/github/github)
	9:30 AM	9:30 AM
	JP hubot deploy github to production	JP green!
	Hubot JP is deploying master (5290c14..2212960)	Hubot hubot deploy github to produc
	to production (http://github.com/github/github/c https://heaven.githubapp.com/apps/github/logs/50)	(http://github.com/github/github/c https://heaven.githubapp.com/apps/github/logs/50)

campfire

avatars

git.io/propane-hack



campfire

git.io/propane-hack

highlighting

A screenshot of a Campfire chat window. The messages are listed in a vertical timeline. Some messages are highlighted with pink rounded rectangles. Two specific messages from 'Hubot' are circled with pink circles.

maddox	check out my launchd shit if you want	
tclém	k	
maddox	you don't have to worry about rvm so it sh	maddox you don't have to worry about rvm
	9:20 AM	9:20 AM
maddox	i burned a whole day getting that shit to w	maddox i burned a whole day getting that
	9:20 AM	9:20 AM
maddox		maddox lol
Hubot	Build #4720 (b497e0c0) of github/mas	Hubot Build #4720 (b497e0c0) of github
	JP	JP
Hubot	[github/master] Tweak assertions (https://github.com/github/github)	Hubot [github/master] Tweak assertions (https://github.com/github/github)
Hubot	Build #4722 (22129604) of github/githu	Build #4722 (22129604) of github/githu
	JP	JP
Hubot	[github/master] Tweak assertions, hate (#4722) [239s]	green!
	JP	green!
Hubot	green!	hubot deploy github to production
	JP	JP is deploying master (5290c14..
Hubot	9:30 AM	(http://github.com/github/github) (https://heaven.githubapp.com/a)
JP	9:30 AM	
Hubot	hubot deploy github to production	
Hubot	JP is deploying master (5290c14..2212960) to production (http://github.com/github/github/c) (https://heaven.githubapp.com/apps/github/logs/50)	

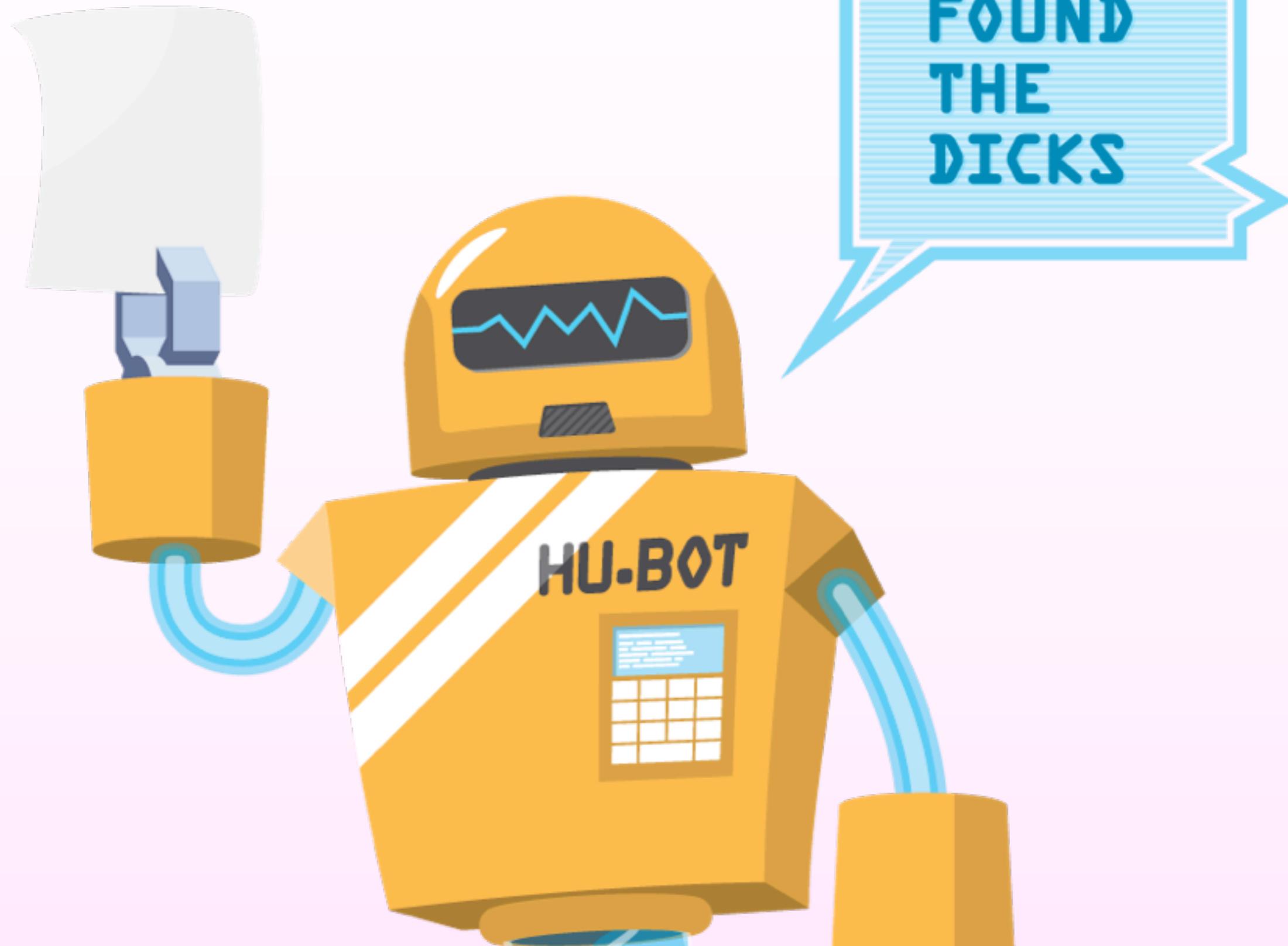
campfire:hubot

the friendly neighborhood campfire robot



campfire:hubot

the friendly neighborhood campfire robot



campfire:hubot

the friendly neighborhood campfire robot

deploy github

tell us what is not deployed

run tests

play music in the office

report who is in the office

dynamically build usage graphs

send and receive text messages

mustachify all posted images

track who swears the most each

rank by twitter followers

say what's hot on google



campfire:hubot

the friendly neighborhood campfire robot

```
fetchImage = function(message, type, imagery, handler) {
  var url = 'http://ajax.googleapis.com/ajax/services/search/images?' +
    'v=1.0&rsz=8&q=' + escape(imagery)

  if (type == 'picture')
    url += '&imgtype=photo'
  fetch(url, 'GET', function(data) {
    var images = JSON.parse(data.response.body)
    images = imagesresponseData.results
    var image = images[Math.floor(Math.random()*images.length)]

    handler(image)
  })
}

robot.hear(/(image|img|picture)( me)? (.*)/i, function (message) {
  fetchImage(message, message.match[1], message.match[3], function(image) {
    postDangerously(image.unescapedUrl)

    message.reply(image.unescapedUrl+'.png')
  })
})
```

campfire:hubot

the friendly neighborhood campfire robot

```
fetchImage = function(message, type, imagery, handler) {
  var url = 'http://ajax.googleapis.com/ajax/services/search/images?' +
    'v=1.0&rsz=8&q=' + escape(imagery)

  if (type == 'picture')
    url += '&imgtype=photo'
  fetch(url, 'GET', function(data) {
    var images = JSON.parse(data.response.body)
    images = imagesresponseData.results
    var image = images[Math.floor(Math.random()*images.length)]

    handler(image)
  })
}

robot.hear/(image|img|picture)( me)? (.*)/i, function (message) {
  if (/image|img|picture/.test(message.text)) {
    var match = message.text.match[/image|img|picture(.*)/i]
    if (match[1]) {
      fetchImage(message, 'picture', match[1], function(image) {
        postDangerously(image.unescapedUrl)

        message.reply(image.unescapedUrl+'.png')
      })
    }
  }
}
```

campfire:hubot

the friendly neighborhood campfire robot

Rick	hubot deploy github/oauth_cors to production	Tue, Aug 2
Rick	hubot lock deploy github migration db	Tue, Aug 2
Rick	hubot deploy github/oauth_cors to staging	Tue, Aug 2
tmm1	hubot deploy github to the cloud	Tue, Aug 2
tmm1	hubot deploy github to the cloud	Tue, Aug 2
atmos	hubot deploy logs for github	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2
Rick	hubot deploy github to production/fs	Tue, Aug 2
Rick	hubot deploy github to production/arch1	Tue, Aug 2
Rick	hubot deploy github to production/fs	Tue, Aug 2
Rick	hubot deploy github to production/fs	Tue, Aug 2
sr	hubot deploy github to production/fe	Tue, Aug 2
sr	hubot deploy github to production	Tue, Aug 2
sr	hubot deploy github to production	Tue, Aug 2
sr	hubot deploy github/ghost-town to production	Tue, Aug 2
ekkub	hubot deploy github to production	Tue, Aug 2
sr	hubot deploy github/ghost-town to staging	Tue, Aug 2
sr	hubot deploy github to production	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2
sr	hubot deploy github to production	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2
meron	hubot deploy github to production	Tue, Aug 2
atmos	hubot deploy github to staging	Tue, Aug 2
atmos	hubot deploy github to production/smtp1	Tue, Aug 2
atmos	hubot deploy github to production/fe,fs,aux1	Tue, Aug 2
atmos	hubot deploy github to production/fe,fs,aux1	Tue, Aug 2
atmos	hubot deploy github to production	Tue, Aug 2

HU.

campfire:hubot

the friendly neighborhood campfire robot

project status

	Scott hubot what is not deployed
	Hubot Scott: Here's what hasn't been deployed on master yet: https://github.com/qithub/github/compare/8...
	Scott hubot what is not deployed on slummin
	Hubot Scott: Here's what hasn't been deployed on slummin yet: https://github.com/qithub/github/compare/8...
	Scott hubot how many issues did we close today for github/github

campfire:hubot

the friendly neighborhood campfire robot

mustaching images



campfire:hubot

the friendly neighborhood campfire robot

hubot beer me



jenkins ci
automated builds

jenkins



jenkins-ci.org

jenkins

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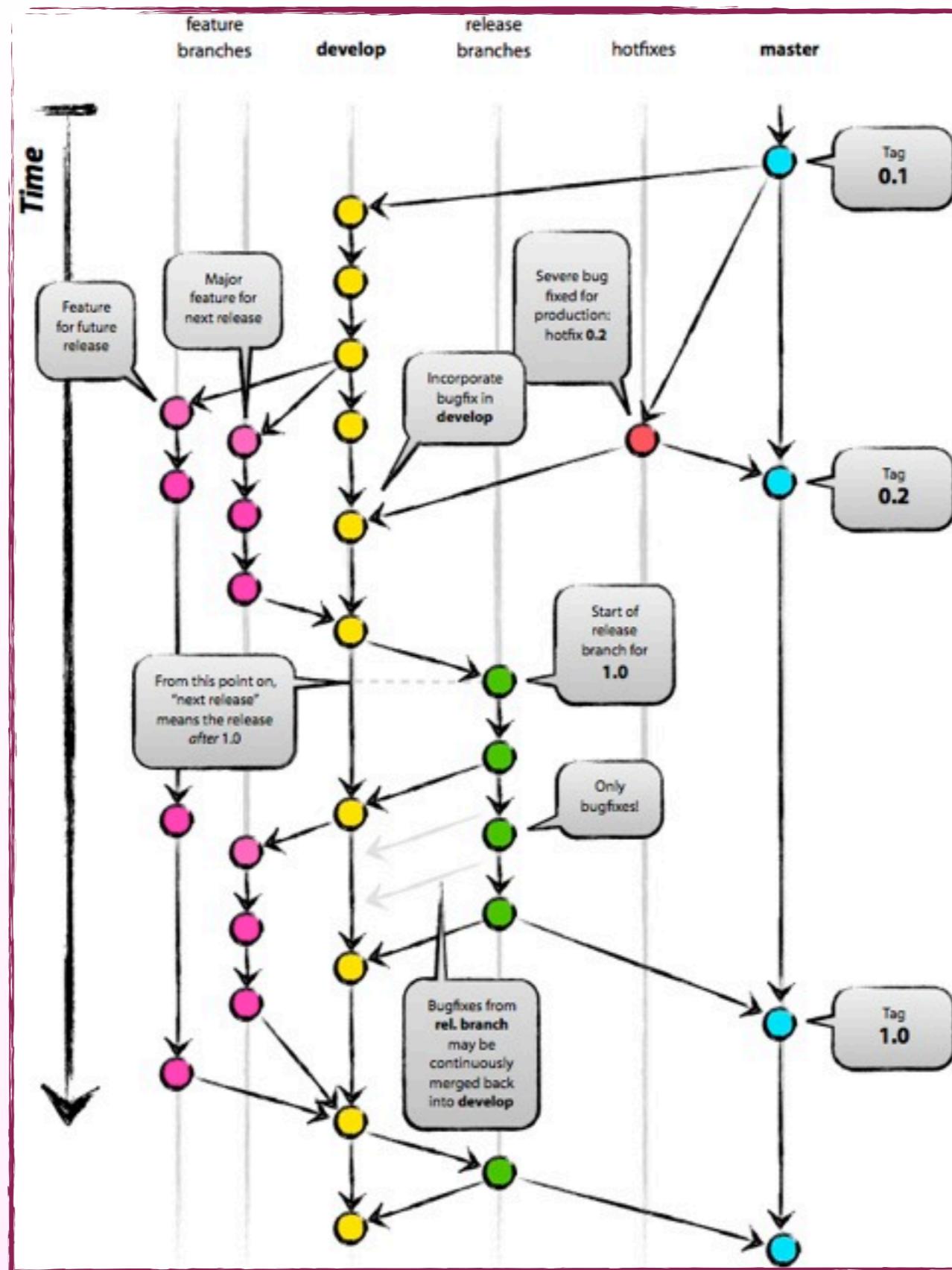
jenkins

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	Hubot Build #4720 (b497e0c0) of github/master failed (233s) https://github.com/github/github/compare/2...
	ugh!
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github
social coding

workflow

**zomg we can do
any and every
possible workflow
with git!**



nvie.com/posts/a-successful-git-branching-model

simplify

master



pull request

feature-branch

master is deployable

create topic branches from master

open a pull request

merge it into master

deploy it

master is deployable

create topic branches from master

open a **pull request**

merge it into master

deploy it



schacon

5700

Dashboard

Inbox 854

Account Settings

Stafftools

Log Out

Explore GitHub

Gist

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Help

Search...

github / github

Admin

Unwatch

Your Fork

Pull Request

16

12

Source

Commits

Network

Pull Requests (29)

Fork Queue

Issues (314)

Wiki (101)

Graphs

Branch: master

Open

tmm1 wants someone to merge 19 commits into **master** from **browser-stats**

#1618

Discussion

Commits <>

19

Diff >=

3



tmm1 opened this pull request September 15, 2011

Browser stats

A really simple first pass at implementing `$stats/GitHub.stats` in javascript. Uses a rack middleware to expose `ruby-statsd` as `/stats/increment/:metric` and `/stats/timing/:metric`.

We might want to move these api endpoints into amen instead, and probably want to add some sort of authentication to them.

I also implemented @josh's pageload timer using the new lib- on page unload, `window.name` stores the current timestamp so `jquery.ready` can use it on the next page load to submit a time delta.

Open

+ 78 additions

- 3 deletions

[All Pull Requests](#)

tmm1, technoweenie, josh, rtomayko, and mtodd are participating in this pull request.



+ tmm1 added some commits

September 15, 2011

511521f Simple rack middleware to expose /stats/(increment|timing)/:metric

b2a0764 Simple GitHub.stats/\$stats for the browser

45e151f Fix usage of Rack::Request

1b0077c Track pageload time using unload/jquery.ready handlers in the browser (c...



tmm1 commented

September 15, 2011

As we add more stats, it probably makes sense to expose a bulk api so each metric doesn't require a separate http roundtrip.

1.12s

16 spam

63 ms response time

3,355 jobs

89.1% du

 cache smoke redis solr

schacon

5700

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Inbox 854

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Help

 Search... [github / github](#) Admin Unwatch Your Fo Pull Request

16

12

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schacon 5700

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16 12

Source

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Commits <> 19 Diff >> 3



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tmm1 commented

September 15, 2011

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 tmm1 commented

September 15, 2011

As we add more stats, it probably makes sense to expose a bulk api so each metric doesn't require a separate http roundtrip.

+ tmm1 added some commits

September 15, 2011

b8d54f2  Wrap in try/catch just to be safe

 tmm1 commented

September 16, 2011

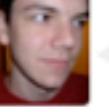
See also `window.performance.timing` in chrome/ie9 for a bunch more stats.

We can use `window.performance.timing.secureConnectionStart - window.performance.timing.connectStart` for ssl handshake time, or `window.performance.timing.navigationStart` for the unload time of the previous page, to avoid the `window.name` hack I used.

 technoweenie commented

September 16, 2011

Why not setup a node frontend somewhere to handle those requests? Or better yet, make it a socket.io server. That way a single connection can send multiple increments in a single socket connection.

 josh commented

September 16, 2011

 to just rely on `window.performance`

Support is coming along. FF will have it in the next release. I'm sure Safari will soon.

https://developer.mozilla.org/en/API/navigationTiming#Browser_compatibility

Much simpler and more reliable then the `onload/load` hack.

Think I could use that to replace the inline script we inject to sample the render start time.



mtodd started a discussion in the diff September 16, 2011

lib/github/stats.rb

DEAD COMMENT

```
...  ... @@ -20,3 +20,29 @@ module GitHub::Stats
((14 lines not shown))
33+     if request.path =~ %r|^/stats/increment/(.*)$|
34+       metric = "browser.#{\$1}"
35+       GitHub.stats.increment(metric, request[:count] || 1)
36+       [200, {'Content-Type'=>'application/json'}, ['true']]
37+
38+     elsif request.path =~ %r|^/stats/timing/(.*)$|
39+       metric = "browser.#{\$1}"
40+       GitHub.stats.timing(metric, request[:ms]) if request[:ms]
41+       [200, {'Content-Type'=>'application/json'}, ['true']]
42+
43+     else
44+       @app.call(env)
45+     end
46+   end
47+ end
48+end
```

2

mtodd repo collab

September 16, 2011

Just a minor refactoring. Thoughts?

```
module GitHub::Stats
  class Browser
    OK = [200, {'Content-Type'=>'application/json'}, ['true']].freeze

    def initialize(app)
      @app = app
    end

    def call(env)
      request = Rack::Request.new(env)

      if request.path =~ %r|^/stats/(increment|timing)/(.*)$|
        metric = "browser.#{\$2}"

        case \$1
        when 'increment'
          GitHub.stats.increment(metric, request[:count] || 1)
        when 'timing'
          GitHub.stats.timing(metric, request[:ms]) if request[:ms]
        end

        return OK

      else
        @app.call(env)
      end
    end
  end
end
```



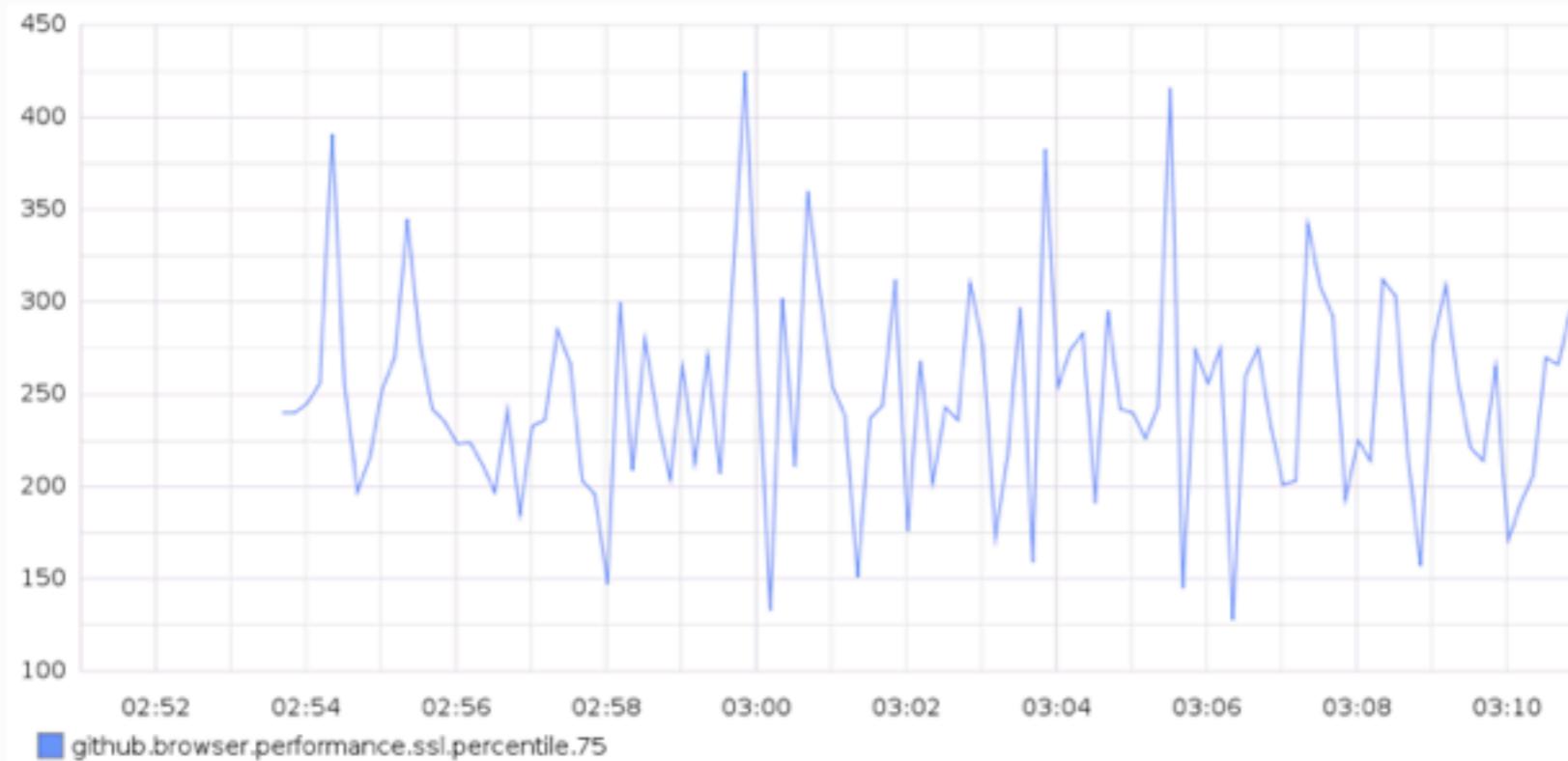
tmm1 commented

September 17, 2011

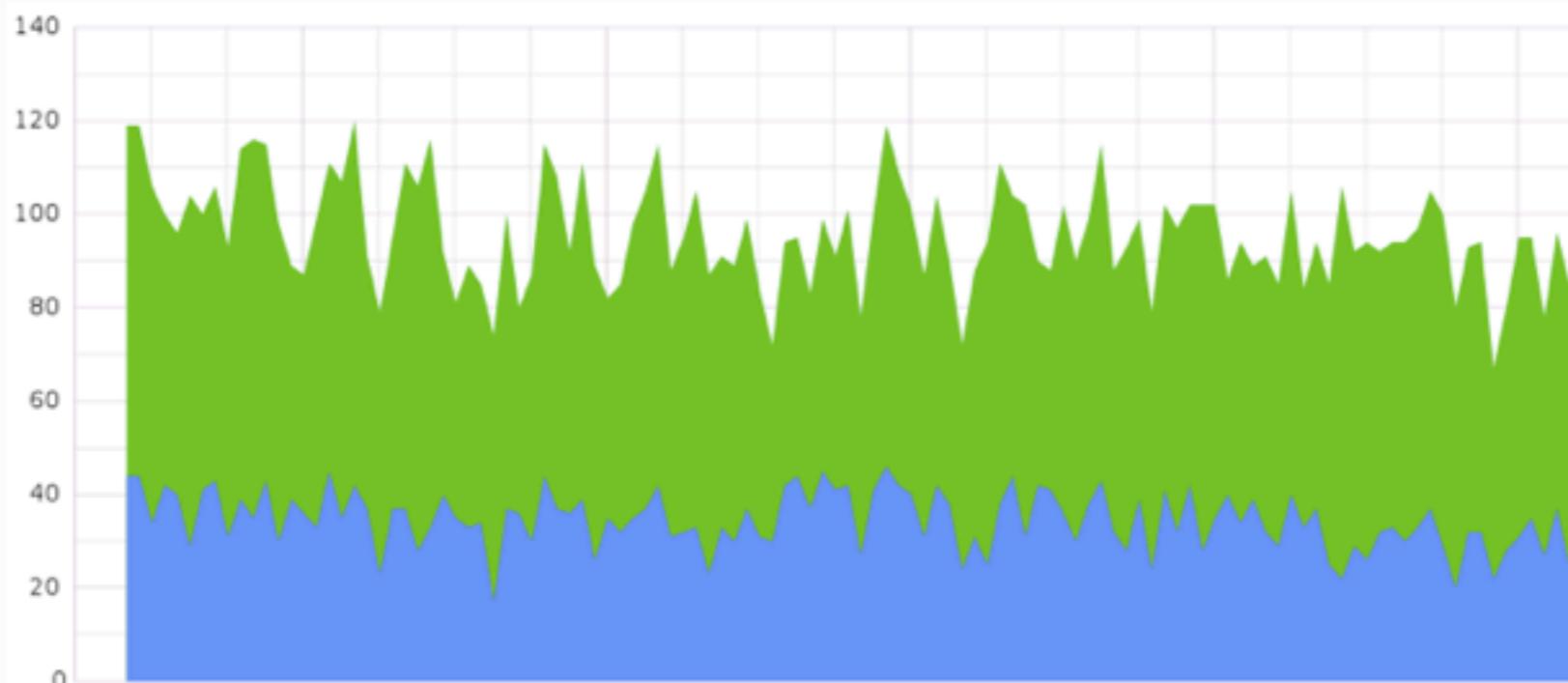
Updated the [nginx.conf in puppet](#) to proxy `/_stats` to a new http handler in amen

The javascript API now pushes stats into an array and flushes to a bulk API after 2 seconds of inactivity.

The new `window.performance` metrics are live too- we're recording dns/ssl/request/response/navigation timings. See [github.browser.performance.*](#). For example, 70% of ssl handshakes complete in less than 300ms:



`github.browser.pageload` is still being reported using the `window.name` hack on browsers that don't yet support `window.performance`. This currently accounts for about 30% of incoming requests:





rmayko commented

September 17, 2011

So fucking rad.



tmm1 added some commits

September 17, 2011

2f88fe7 Merge remote-tracking branch 'origin/master' into browser-stats



tmm1 commented

September 19, 2011

This has been running off and on in production for a few days without any issues.

I'm going to add a `GitHub::Config` or similar to so we can enable/disable easily and merge into master.

The only other things left to consider are:

- Reducing the amount of data being sent to the stats api. Not a huge deal, but we send a fairly verbose json blob right now. Compare this to newrelic which is a very short and somewhat cryptic query string.
- Adding some level of security/obfuscation to the stats api to prevent people from finding and abusing it.



josh commented

September 19, 2011

Could we use these stats to replace the inline scripts we inject onto the page? I think `NREUMQ` is newrelic's queue. Need to remove those eventually to be inline script free.

```
<script type="text/javascript">var NREUMQ=[ ];NREUMQ.push(["mark","firstbyte",new Date().getTime()]);</
```



josh commented

September 19, 2011

So some of this is in production now? Want to get some timings for this jquery bundle experiment #1620



tmm1 commented

September 19, 2011

It's still on this branch, but the branch has been in and out of production.



rmayko commented

September 19, 2011

Yeah. The newrelic rum stuff has been useless so far. We can axe it whenever really.



r**tomayko** commented

September 17, 2011

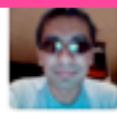
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+ **tmm1** added some commits

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josh commented

September 21, 2011

@tmm1 yeah that'd be great. My hypothesis is that its going to be really close. Which in that case I'd probably merge that branch just cause one bundle is simpler.

You can add more commits to this pull request by pushing to the `browser-stats` branch on [github/github](#)



This pull request can be automatically merged.

[Merge pull request](#)



[Comment on this pull request \(Help\)](#)

[Close Pull Request](#)

[Write](#) [Preview](#)

Comments are parsed with [GitHub Flavored Markdown](#)



+

41

4



42

4

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40
41
42

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making hacking fast and easy

oauth & apis

simplify



Name GitHub
Email support@github.com
Website/Blog <https://github.com/about>
Location San Francisco, CA
Member Since May 10, 2008

33 Public Repos **159** Private Repos **41** Members

Repositories (221)

Find a repository...		
All Repositories	Public	Private
ghteam-server	Ruby	↳ 2 / 1
where your scroos' stuff goes		
Last updated about a minute ago		
 52 week participation		
github	Ruby	↳ 16 / 12
You're lookin at it.		
Last updated 22 minutes ago		
 52 week participation		
enterprise-manage	Ruby	↳ 2 / 2
Manages GitHub Enterprise processes and settings.		
Last updated about an hour ago		
 52 week participation		
constructicon	Ruby	↳ 1 / 1
Cocoa Build Server		
Last updated about an hour ago		
 52 week participation		
puppet	Ruby	↳ 4 / 1
Puppet configs!		
Last updated about an hour ago		
 52 week participation		
speakeasy-server	Ruby	↳ 1 / 1
OTA server and catalog for internal native apps		
Last updated about an hour ago		
 52 week participation		
pycodeconf	JavaScript	↳ 1 / 1
Next on the world conquest tour...		
Last updated about an hour ago		
 52 week participation		
gollum	JavaScript	↳ 1,444 / 172
A simple, Git-powered wiki with a sweet API and local frontend.		
Last updated about an hour ago		
 52 week participation		

Organization Members (41)

 alexwilliamsca (Alex Williams)	7 public repos, 36 followers	Conceal membership
 amiridis (Petros Amiridis)	29 public repos, 52 followers	Conceal membership
 atmos (Corey Donohoe)	89 public repos, 343 followers	Conceal membership
 benburkert (Ben Burkert)	60 public repos, 82 followers	Conceal membership
 bethnewland (Beth Newland)	0 public repos, 9 followers	Conceal membership
 bleikamp (Ben Bleikamp)	10 public repos, 48 followers	Conceal membership
 brianmario (Brian Lopez)	46 public repos, 194 followers	Conceal membership
 bryanveloso (Bryan Veloso)	20 public repos, 201 followers	Conceal membership
 cameronmcfee (Cameron McFee)	3 public repos, 77 followers	Conceal membership
 defunkt (Chris Wanstrath)	95 public repos, 3,904 followers	Conceal membership
 demonbane (Alex Malinovich)	17 public repos, 26 followers	Conceal membership
 Foggybtmgirl (Heather A. Baldry)	0 public repos, 7 followers	Conceal membership
 holman (Zach Holman)	38 public repos, 527 followers	Conceal membership
 jina (Jina Bolton)	1 public repos, 76 followers	Conceal membership
 jnewland (Jesse Newland)	53 public repos, 122 followers	Conceal membership
 josh (Joshua Peek)	79 public repos, 650 followers	Conceal membership
 joshaber (Josh Abernathy)	21 public repos, 209 followers	Conceal membership
 jencostello (Jason Costello)	0 public repos, 21 followers	Conceal membership
 kamzilla (Kami)	5 public repos, 57 followers	Conceal membership
 kevinsawicki (Kevin Sawicki)	26 public repos, 67 followers	Conceal membership
 kneath (Kyle Neath)	24 public repos, 372 followers	Conceal membership
 luckiestmonkey (Melissa Severini)	2 public repos, 64 followers	Conceal membership
 maddox (Jon Maddox)	55 public repos, 191 followers	Conceal membership
 matthewmccullough (Matthew McCullough)	42 public repos, 165 followers	Conceal membership
 mganuchea (Matt Ganucheau)	1 public repos, 13 followers	Conceal membership
 mojombo (Tom Preston-Werner)	52 public repos, 3,138 followers	Conceal membership
 mtodd (Matt Todd)	97 public repos, 128 followers	Conceal membership
 nickh (Nick Hengeveld)	20 public repos, 9 followers	Conceal membership
peff (Jeff King)	8 public repos, 43 followers	Conceal membership
pihyeti (PJ Hyett)	17 public repos, 1,498 followers	Conceal membership

github

as identity



Name GitHub
Email support@github.com
Website/Blog https://github.com/about
Location San Francisco, CA
Member Since May 10, 2008

33 Public Repos 159 Private Repos 41 Members

Repositories (221)

Find a repository...			
All Repositories	Public	Private	Sources
ghteam-server	Ruby	0	2
where your scro's stuff goes			
Last updated about a minute ago			
52 week participation	all commits	commits by owner	
github	Ruby	0	15
You're lookin at it.			
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enterprise-manage	Ruby	0	2
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constructicon	Ruby	0	1
Cocoa Build Server			
Last updated about an hour ago			
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puppet	Ruby	0	4
Puppet configs!			
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speakeasy-server	Ruby	0	1
OTA server and catalog for internal native apps			
Last updated about an hour ago			
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pycodeconf	JavaScript	0	1
Next on the world conquest tour...			
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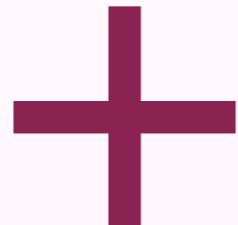
alexwilliamsca (Alex Williams)	Conceal membership
amiridis (Petros Amiridis)	Conceal membership
atmos (Corey Donohoe)	Conceal membership
benburkert (Ben Burkert)	Conceal membership
bethnewland (Beth Newland)	Conceal membership
bleikamp (Ben Bleikamp)	Conceal membership
brianmario (Brian Lopez)	Conceal membership
bryanveloso (Bryan Veloso)	Conceal membership
cameronmcfee (Cameron McFee)	Conceal membership
defunkt (Chris Wanstrath)	Conceal membership
demonbane (Alex Malinovich)	Conceal membership
Foggybtmgirl (Heather A. Baldry)	Conceal membership
holman (Zach Holman)	Conceal membership
jina (Jina Bolton)	Conceal membership
jnewland (Jesse Newland)	Conceal membership
josh (Joshua Peek)	Conceal membership
jshaber (Josh Abemathy)	Conceal membership
jencostello (Jason Costello)	Conceal membership
kamzilla (Kami)	Conceal membership
kevinsawicki (Kevin Sawicki)	Conceal membership
kneath (Kyle Neath)	Conceal membership
luckiestmonkey (Melissa Severini)	Conceal membership
maddox (Jon Maddox)	Conceal membership
matthewmccullough (Matthew McCullough)	Conceal membership
mganuchea (Matt Ganucheau)	Conceal membership
mojobo (Tom Preston-Werner)	Conceal membership
mtodd (Matt Todd)	Conceal membership
nickh (Nick Hengeveld)	Conceal membership
peff (Jeff King)	Conceal membership
pihyeti (PJ Hyett)	Conceal membership

github as oauth2 provider

github
as oauth2 provider

github.com/schacon/ghapp.sinatra.min

github



heroku

github:apps



Stealing ideas from Shopify



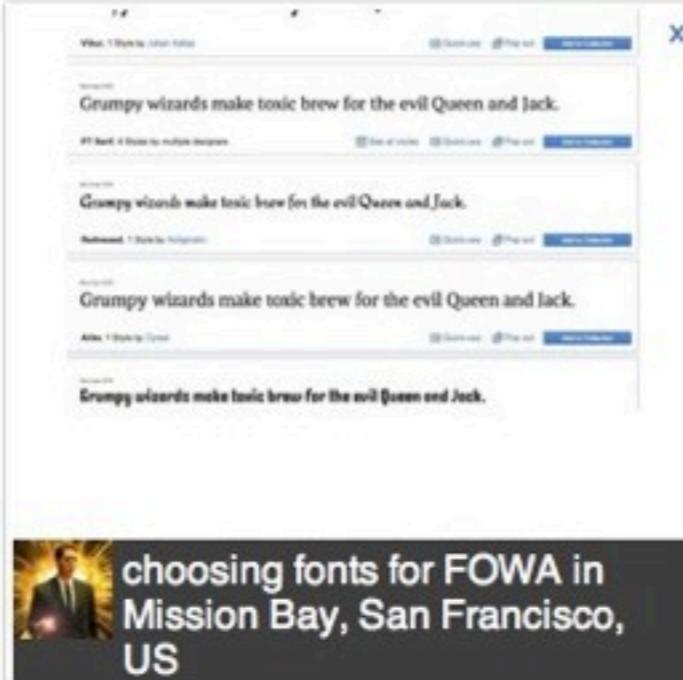
using Drift to write up a blog post about Drift in Box Elder, SD, US



in Osaka City Kita Ward, Osaka, JP



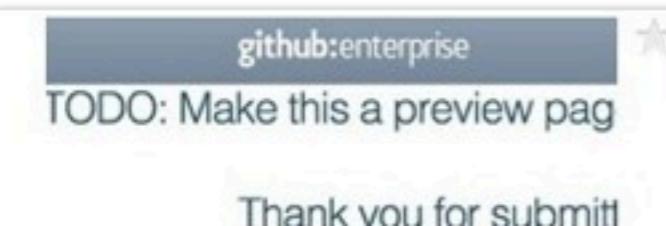
fuck yeah maddox in Brussels-Capital Region, Belgium, BE



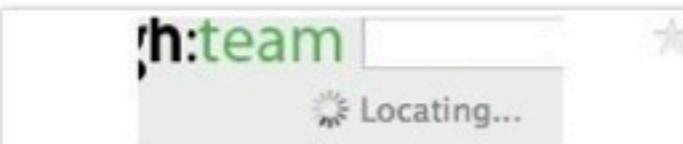
choosing fonts for FOWA in Mission Bay, San Francisco, US



leaving in San Francisco, CA, US



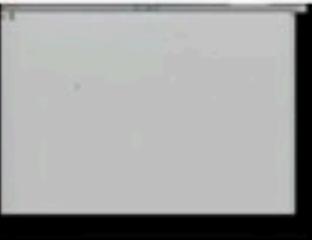
Thank you for submitt



Global Search by mojombo

Duration: 61 min Uploaded on: 09/13/2011 at 06:13PM Viewed 2 times

Tom talks about the new IndexTank powered global search that will be replacing our existing site search functionality.



git.io by technoweenie

Duration: 13 min Uploaded on: 08/25/2011 at 01:11PM Viewed 4 times

A look inside the GitHub url shortener and Riak, the database that backs it.



The Hardest Part of Tomayko's Day by Foggybtmgirl

Duration: 12 min Uploaded on: 08/10/2011 at 05:01PM Viewed 4 times



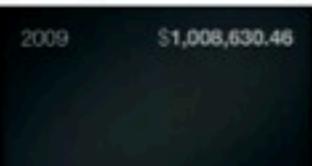
The Ship-It Squirrel by bethnewland

Duration: 8 min Uploaded on: 08/10/2011 at 04:37PM Viewed 2 times



CREAM by defunkt

Duration: 28 min Uploaded on: 08/10/2011 at 04:33PM Viewed 8 times



github:groceries

Add an item...

Add

Grocery Items

1.  coffee tincture - [Remove](#)
2.  unshelled edamame - [Remove](#)
3.  beer robot - [Remove](#)
4.  our own rip whip - [Remove](#)
5.  duke's mayonaise - [Remove](#)
6.  all of the gelato in the store - [Remove](#)
- 

Error!

My queues

Inbox

1 0

Neglected cases

[Contact] spar-mit-reisen/spar-mit.com IRC Hook tek support

Tobias Tom <t.tom@succor.de>

12 days ago

[Contact] Projects with broken IRC hooks tek support

elliottcable <github.com-2@elliottcable.com>

2 days ago

[Contact] Markdown Bug tek support

Stephen Touset <stephen@touset.org>

2 days ago

cannot create label for issues tagging tek support

Ondrej Hirjak <ohirjak@ak2studios.com>

1 day ago

git cloning and branches tek support

David Boyce <dboyce@broadcom.com>

1 day ago

[Contact] reflog/fsck output request tek support

Dan Tilberg <dan@tilberg.us>

about 19 hours ago

[Contact] Edu org account request tek support

Thomas Bushby <t.m.bushby@student.reading.ac.uk>

about 16 hours ago

[Contact] Problem with pull request tek support

Alexander V. Nikolaev <avn@daemon.hole.ru>

about 13 hours ago

Re: [GitHub] We had a problem billing your credit card tek support

Gareth Bowker <tgb@tgb.org.uk>

about 13 hours ago

[Contact] Managing Downloads tek support

Glynn <sites@theawesomes.co.uk>

about 11 hours ago

[Contact] I just fixed github :) [+ security issue ?] tek support

Jonas Pfenniger <jonas@pfenniger.name>

about 9 hours ago

[Contact] checking number of downloads tek support

alexander.p.conrad <alexander.p.conrad@gmail.com>

about 9 hours ago

[Contact] Issue in pull request tek support

Petros Amridis (GitHub Staff) <petros@github.com>

about 8 hours ago

[Contact] Please wait while we transform your user... tek support

martin <martin@guruhub.com.uy>

about 8 hours ago

Re: [GitHub] We had a problem billing your credit card tek support

Trevor Burton <worldofpaper@googlemail.com>

about 7 hours ago

[Contact] delete forked private repo tek support

Jon McCartie <jon@mccartie.com>

about 5 hours ago

[Contact] Compare view failing for comparing develop w/ branch tek support

Evan Kaufman <evan.kaufman@gmail.com>

about 5 hours ago

Can't push to hellogitworld again tek support

Matthew McCullough <matthewm@ambientideas.com>

about 4 hours ago

[Contact] Incorrect history message on project home page tek support

Todd A. Jacobs <todd.a.jacobs@gmail.com>

about 3 hours ago

github:apps

and about 20 more

github:apps

and about 20 more

**because it takes about
5 minutes to start one**

so that's

the magical tale of github

how we use what to make yay!





campfire
jenkins

github

heroku

cool story bro...

“Running a team of developers and designers isn’t easy. Learn how to use several key **apps and principles** to make your team operate like a well-oiled, happy machine.”

”

principles

**why are you
here?**

innovation

speed

agility

creativity

collaboration

communication

“Running a team of developers and designers isn’t easy. Learn how to use several key apps and principles to make your team operate like a **well-oiled, happy machine.**

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”

innovation

speed

agility

creativity

collaboration

communication

cultivate a
creative environment

8-5, M-F work day

cubicles

hierarchy

interruptions

compartmentalization

10 days vacation

**high school,
not college?**



yet another
magical tale
of
github

once more, with feelings...

no office hours



no meetings

no vacations

no assignments

no bosses

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



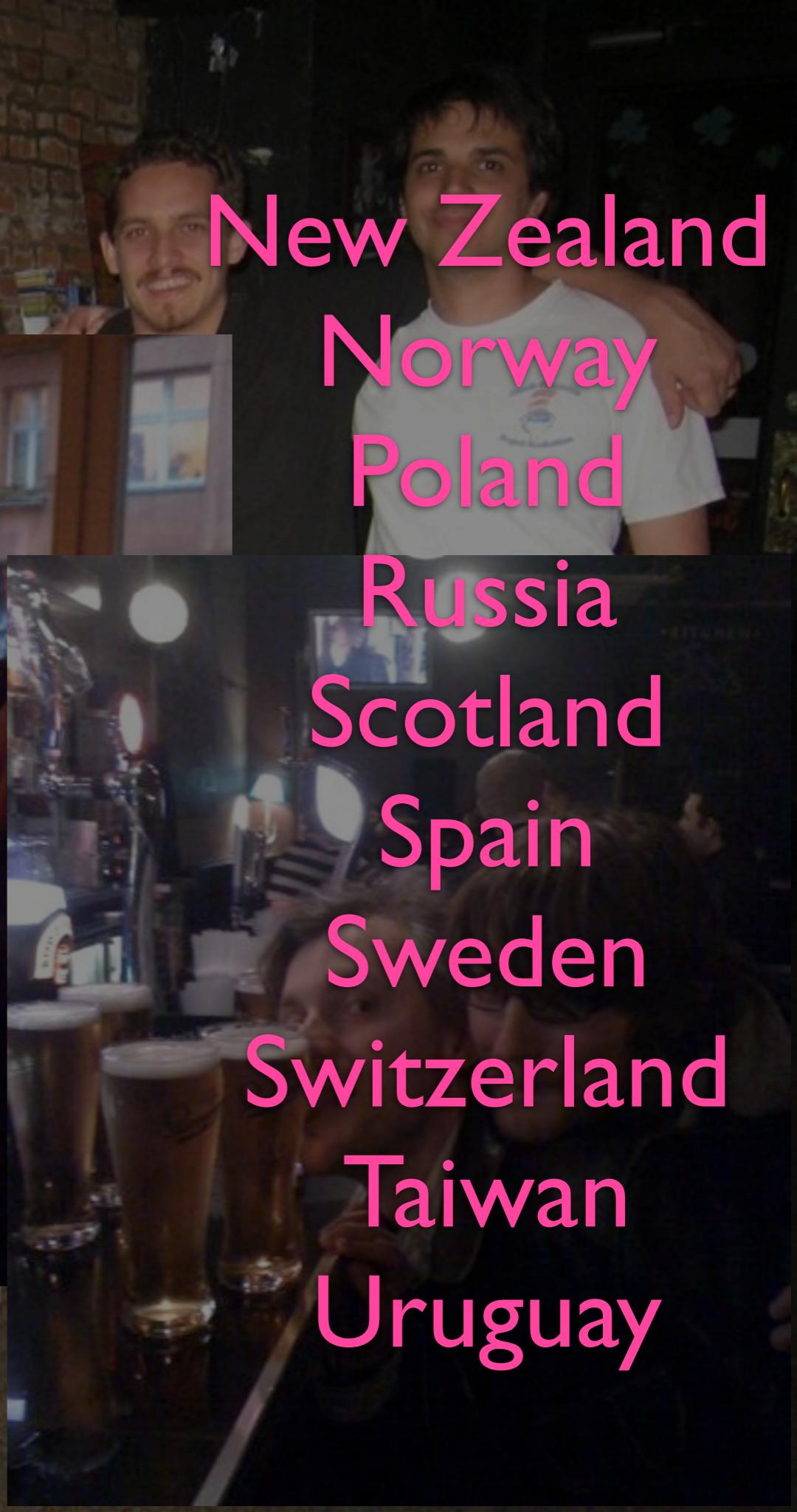




Argentina
Australia
Belgium
Brazil
Canada
Chile
China
Colombia
Czech
Republic



Denmark
England
Finland
France
Germany
Greece
Ireland
Israel
Italy
Japan



New Zealand
Norway
Poland
Russia
Scotland
Spain
Sweden
Switzerland
Taiwan
Uruguay









“Running a team of developers and designers isn’t easy. Learn how to use several key **apps and principles** to make your team operate like a well-oiled, happy machine.”

”

apps
principles

apps
principles

apps
principles

apps
principles

culture

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

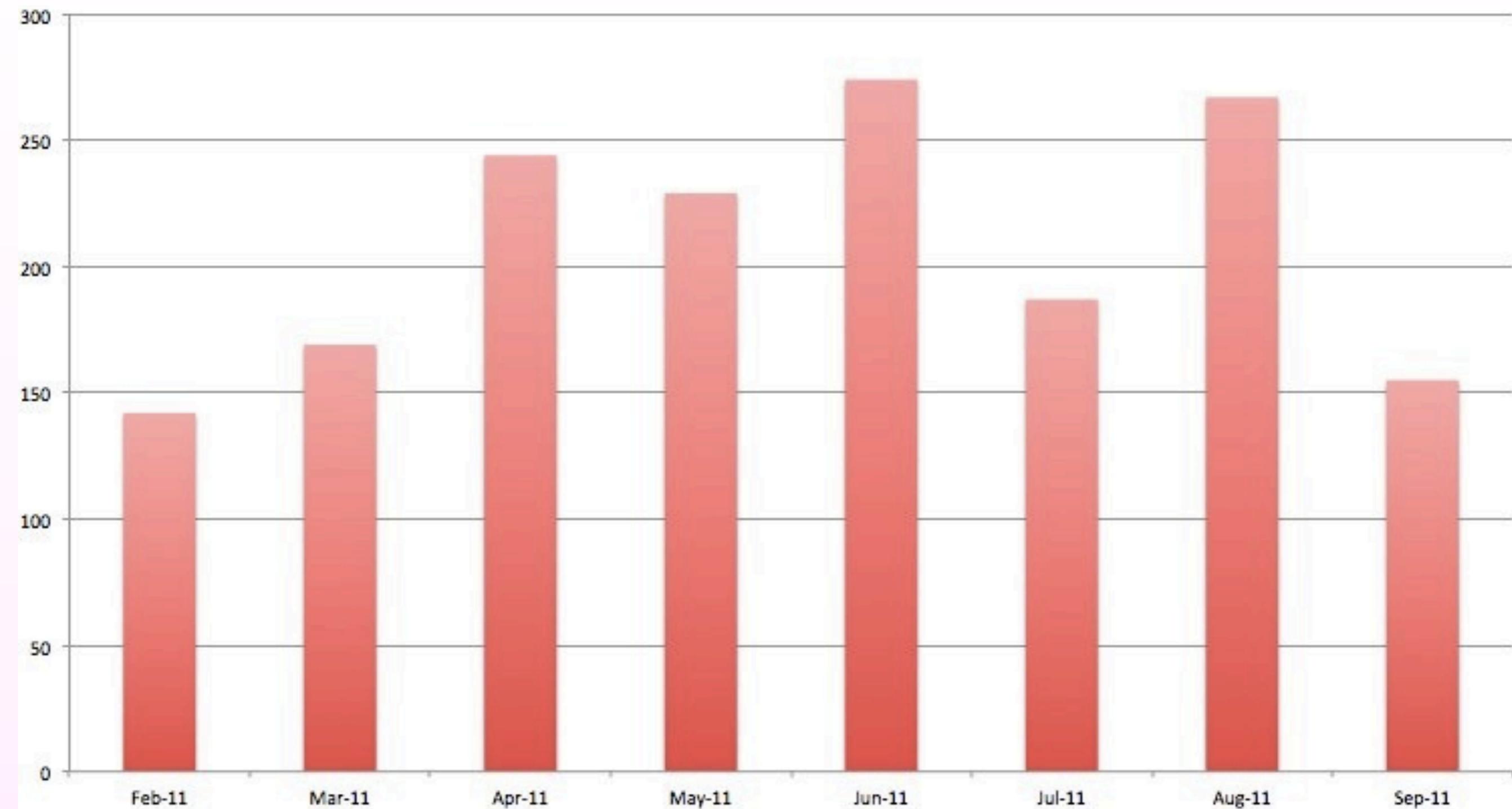
last year

400 pull requests (~1 per day)

last month

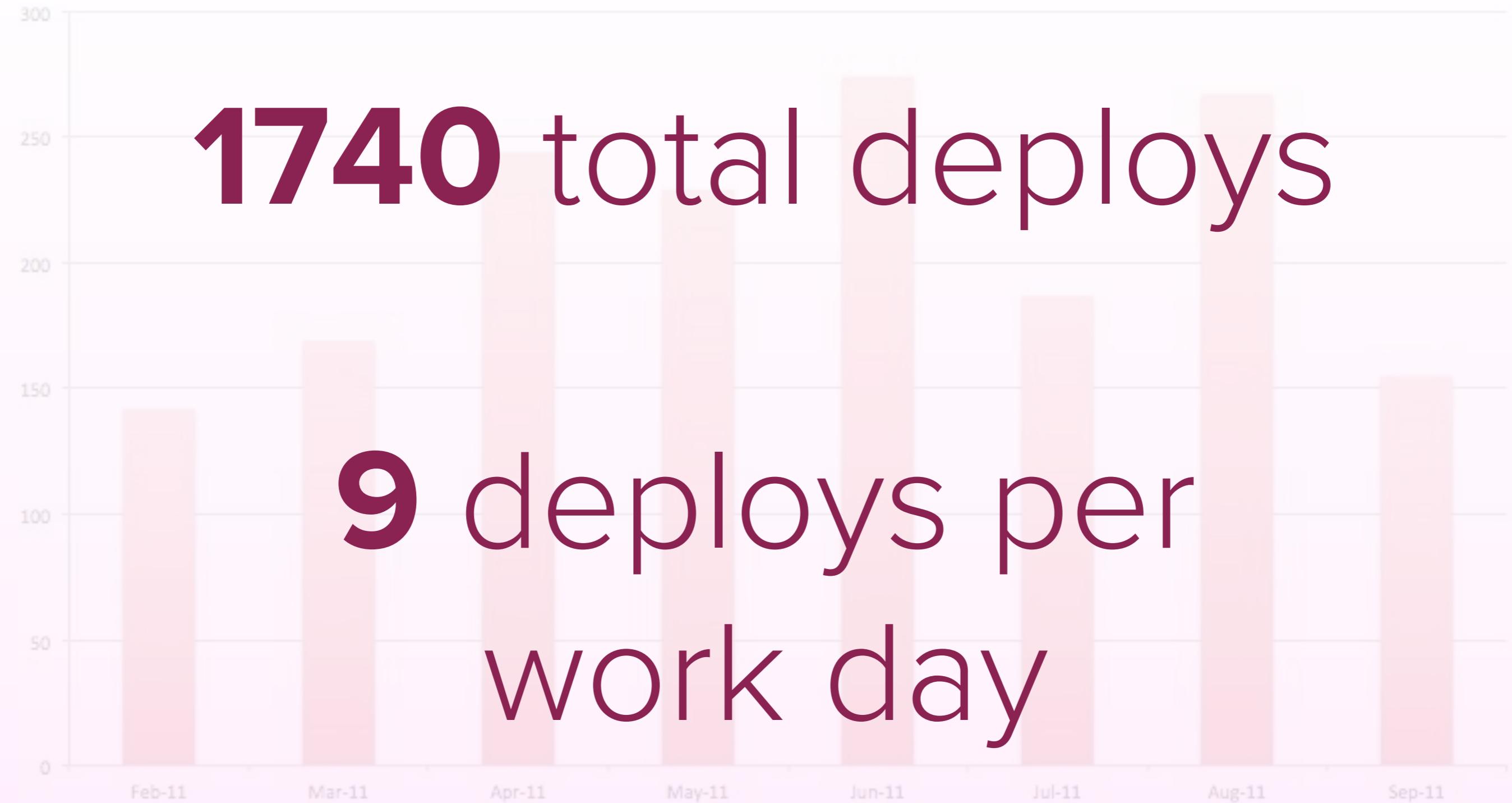
80 pull requests (~3 per day)

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

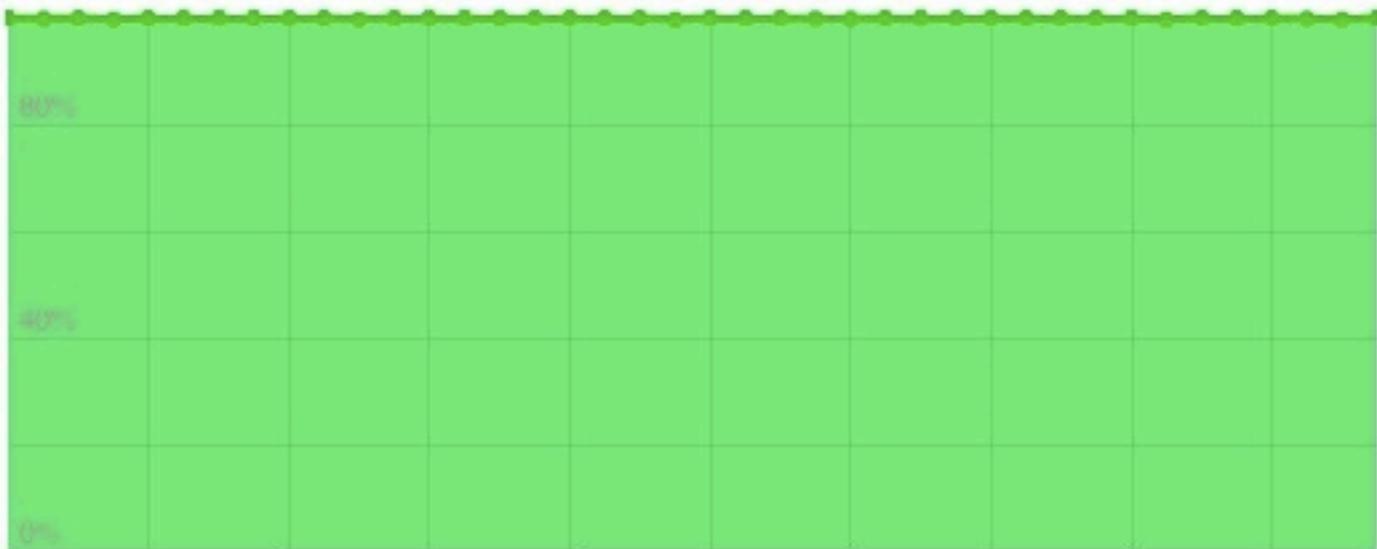
Detailed log

Share this data

Older



Newer



02/21/2011

04/18/2011

06/13/2011

08/08/2011

Uptime
99.95%

Downtime
3h 8m 59s

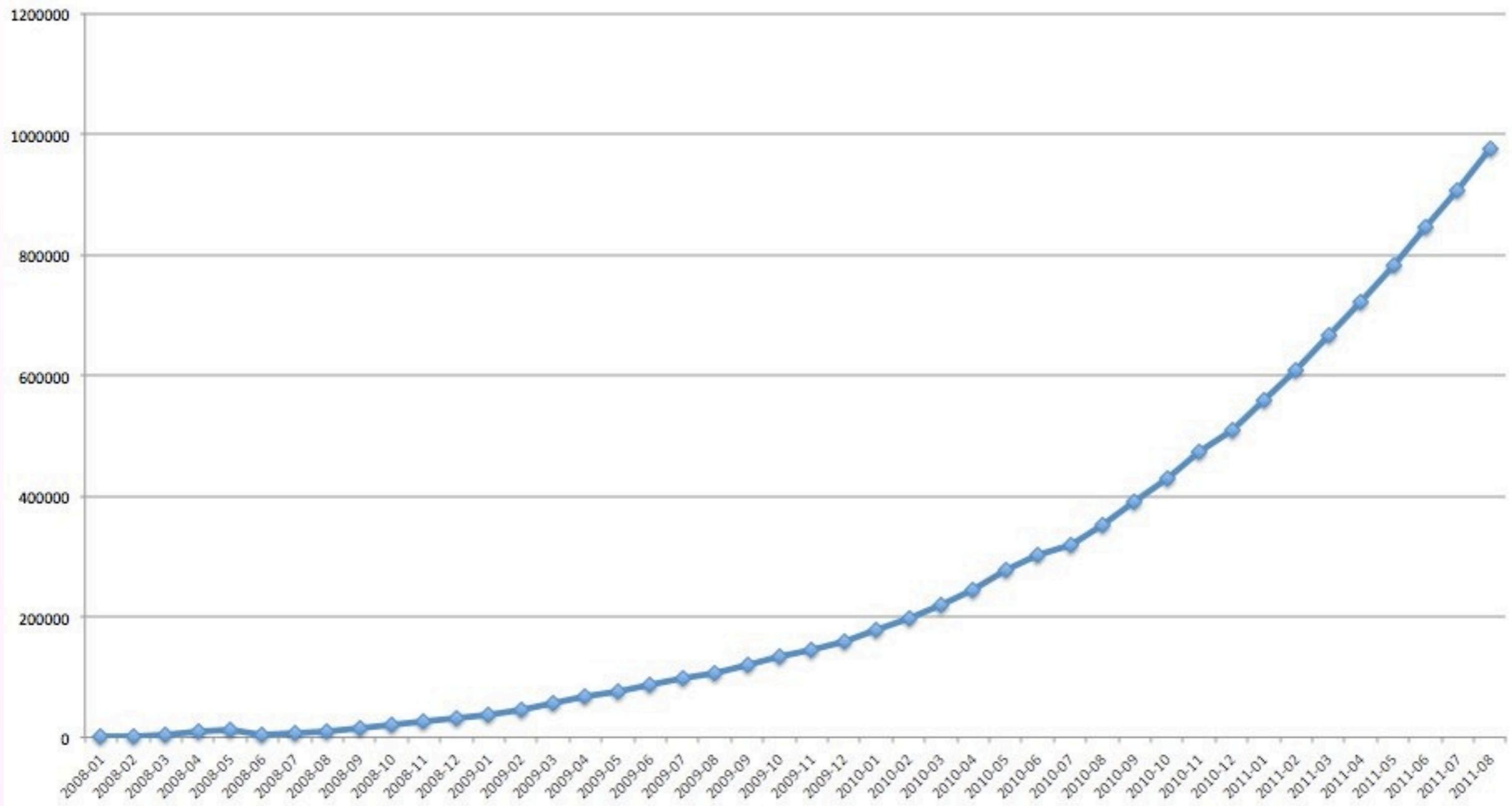
The average downtime length is 2m
23s

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**

**the success of our apps
is due to our culture**





github
SOCIAL CODING

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Search...

github / github

Admin

Unwatch

Your Fork

Pull Request

16

12

Source Commits Network

Pull Requests (29)

Fork Queue

Issues (314)

Wiki (101)

Graphs

Branch: master

Open tmm1 wants someone to merge 19 commits into master from browser-stats #1618

Discussion 19

Commits <> 19

Diff >> 3



tmm1 opened this pull request September 15, 2011

Open

+ 78 additions

- 3 deletions

All Pull Requests

Browser stats

A really simple first pass at implementing `$stats/GitHub.stats` in javascript. Uses a rack middleware to expose `ruby-statsd` as `/stats/increment/:metric` and `/stats/timing/:metric`.

We might want to move these api endpoints into amen instead, and probably want to add some sort of authentication to them.

I also implemented @josh's pageload timer using the new lib- on page unload, `window.name` stores the current timestamp so `jQuery.unload` can use it on the next page load to submit a time delta.



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Source Commits Network

Pull Requests (29)

Fork Queue

Issues (314)

Wiki (101)

Open tmm1 wants someone to merge 19 commits into master from browser-stats

Discussion 19 Commits <> 19 Diff >> 3



tmm1 opened this pull request September 15, 2011

Browser stats

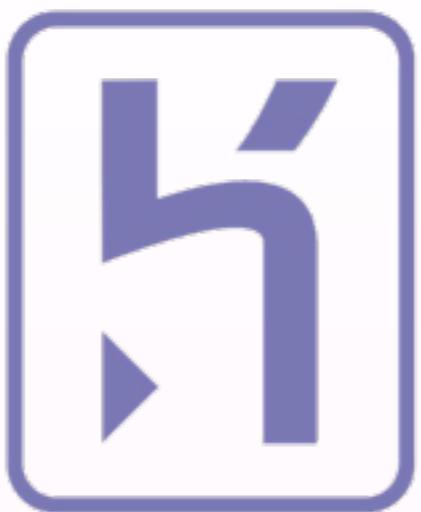
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HIL-BOT



heroku

github
SOCIAL CODING

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Explore GitHub Gist Blog Help

github / github

Source Commits Network

Pull Requests (29)

Fork Queue

Issues (314)

Wiki (101)

Open tmm1 wants someone to merge 19 commits into master from browser-stats

Discussion 19 Commits <> 19 Diff >> 3



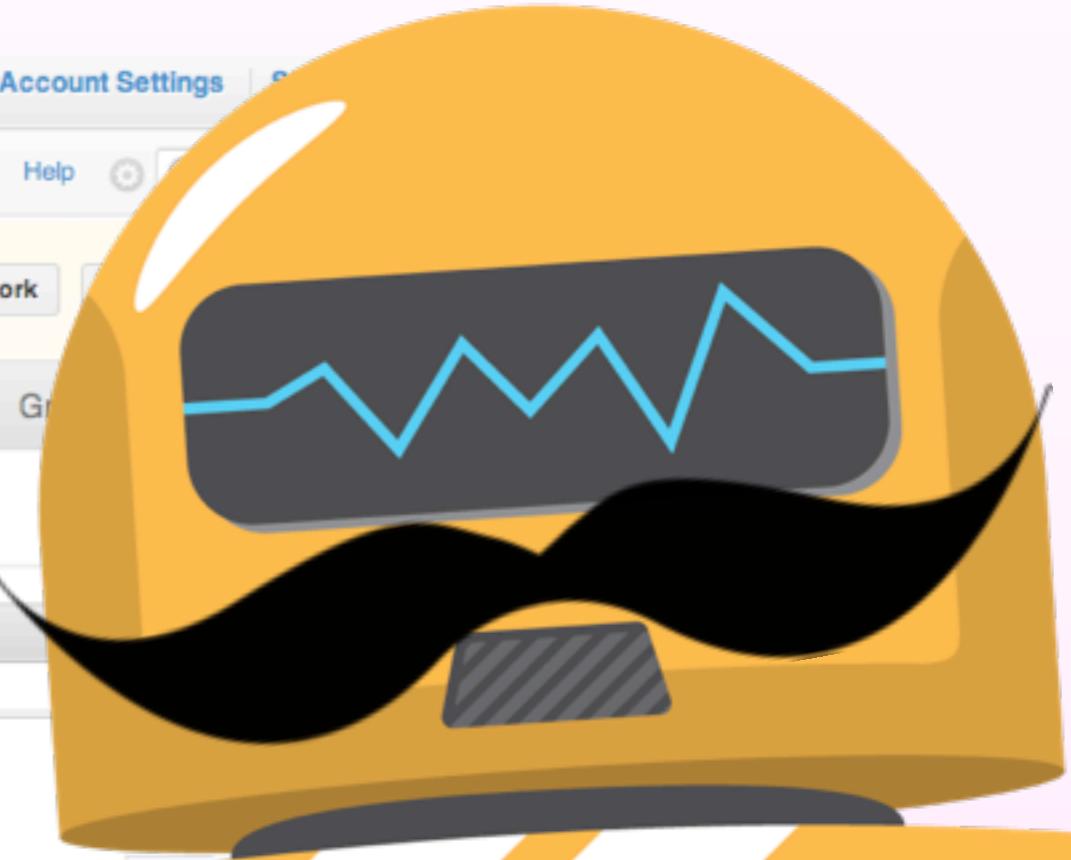
tmm1 opened this pull request September 15, 2011

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HIL-BOT

**the success of our apps
is due to our culture**

cool anecdote bro...

precedent

University of Manchester

Andre Geim and Konstantin Novoselov

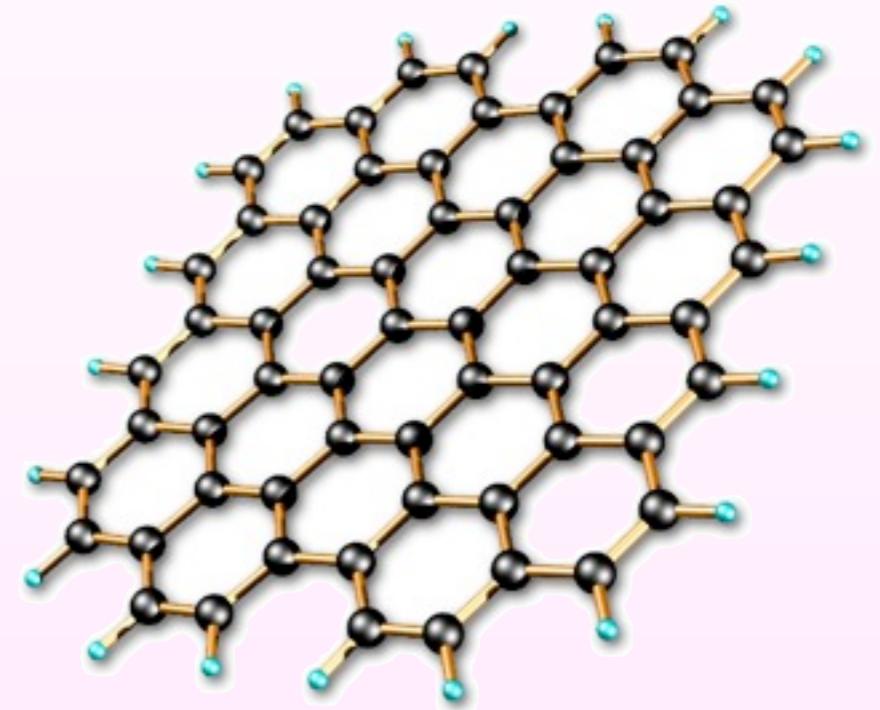
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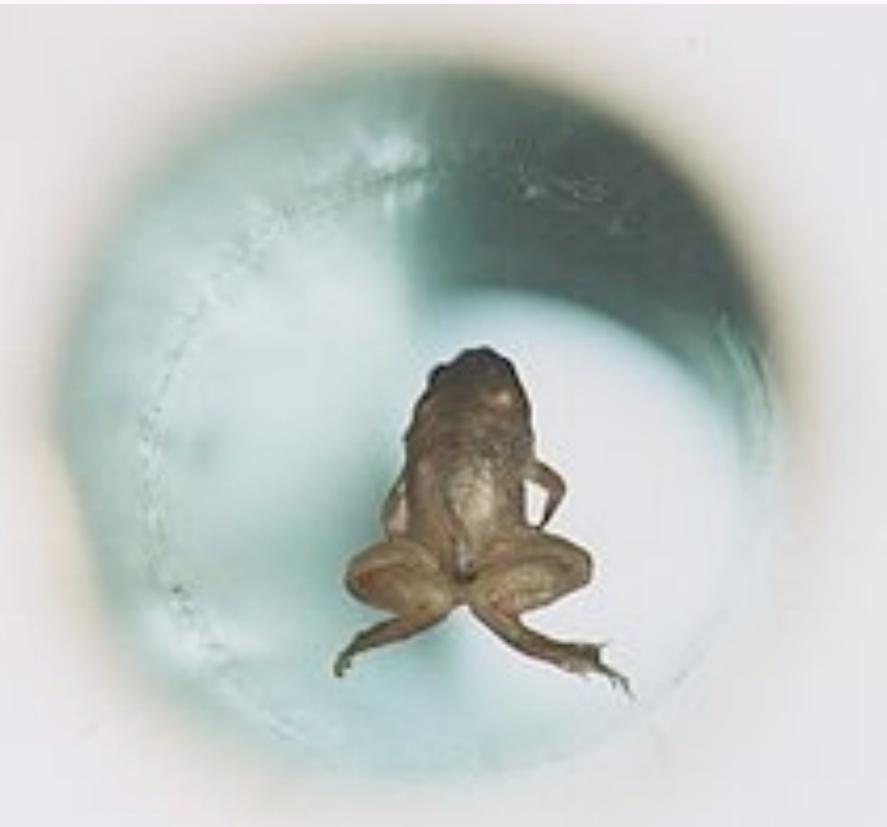
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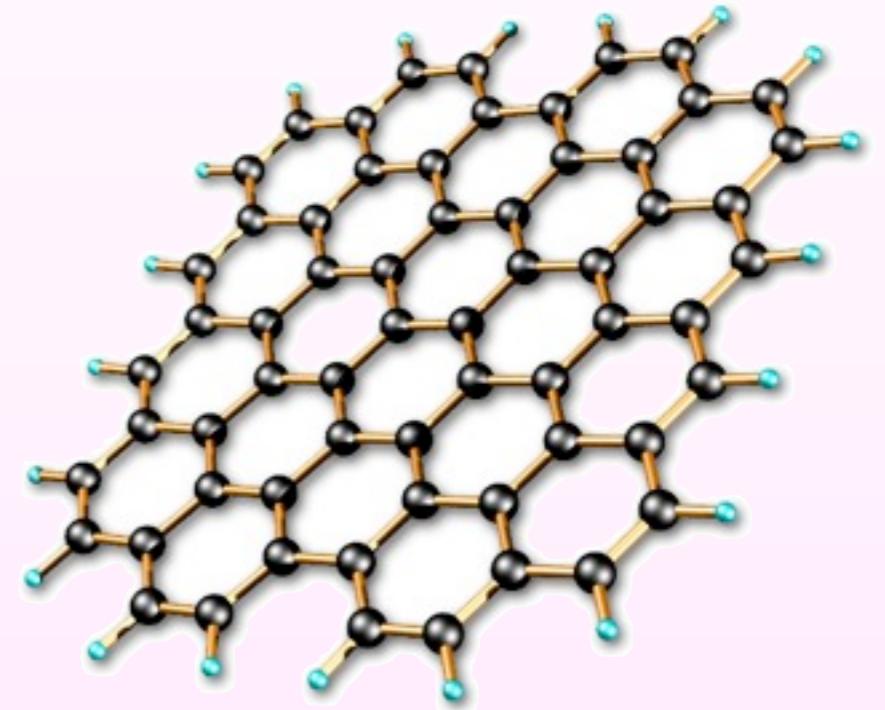


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twitter week

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?

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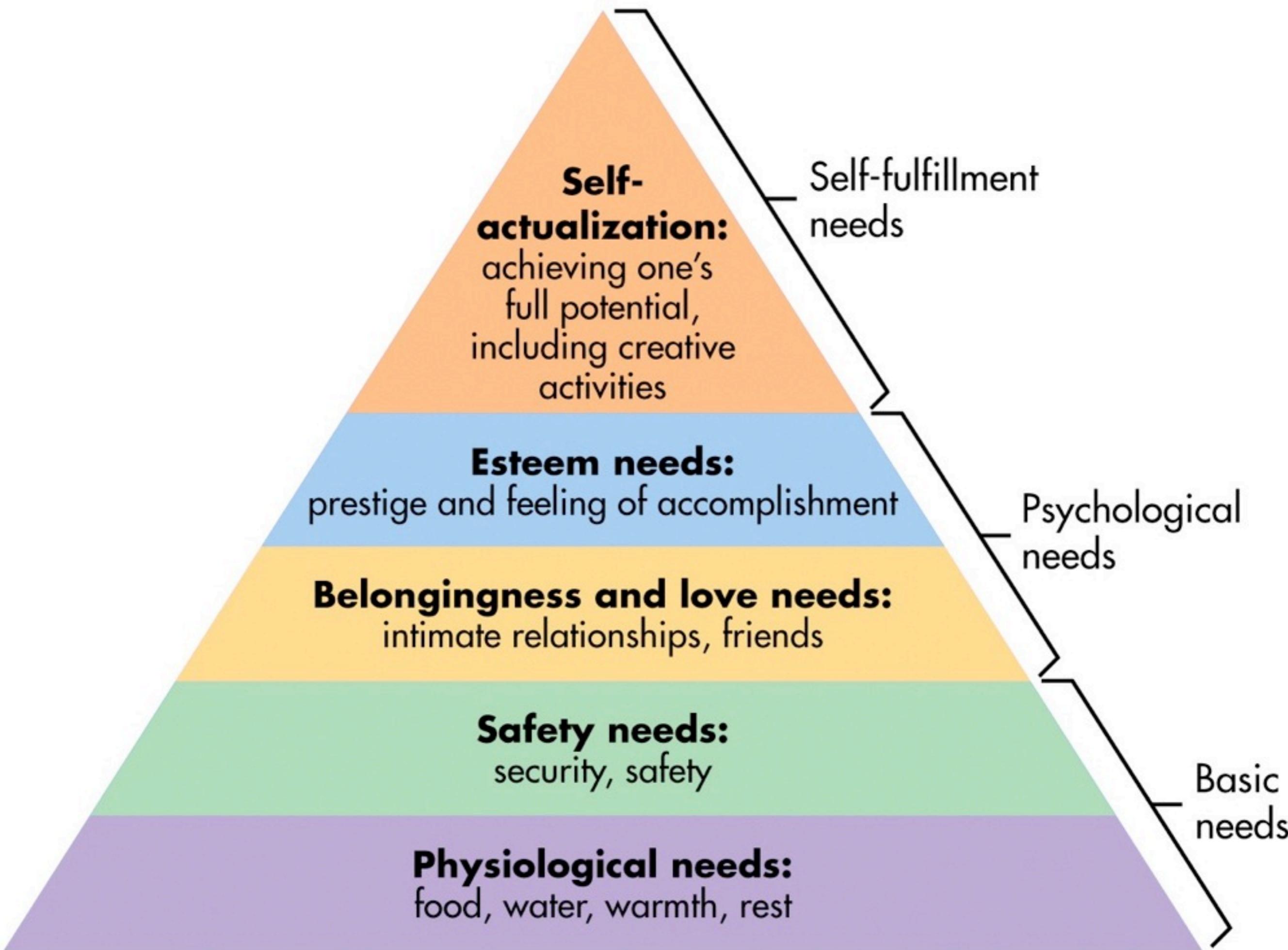
prefer work to being idle?

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

—Peter F. Drucker

MASLOW ON MANAGEMENT

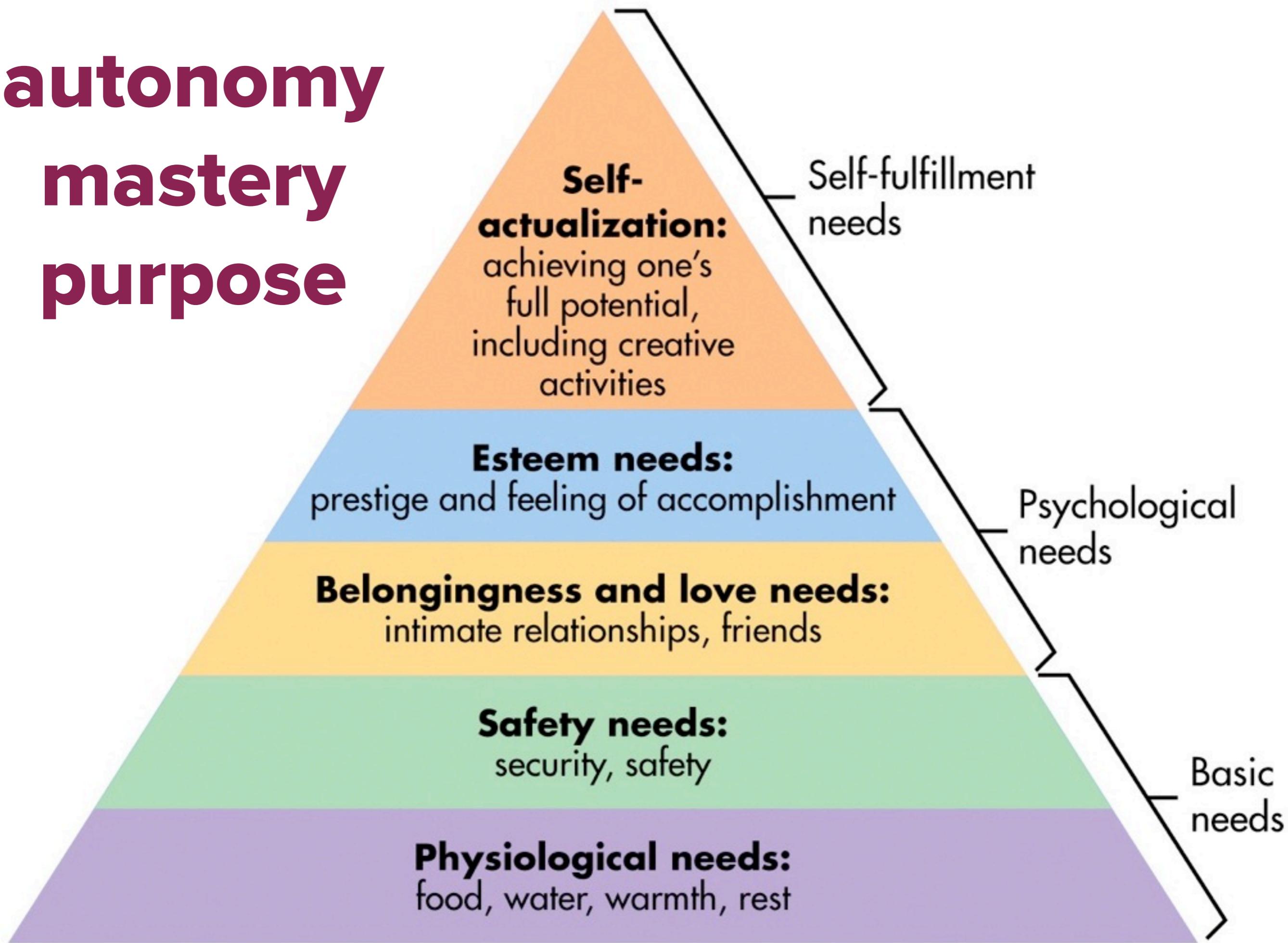
Abraham H. Maslow
Foreword by Warren Bennis



autonomy

mastery

purpose



autonomy

mastery

purpose



autonomy

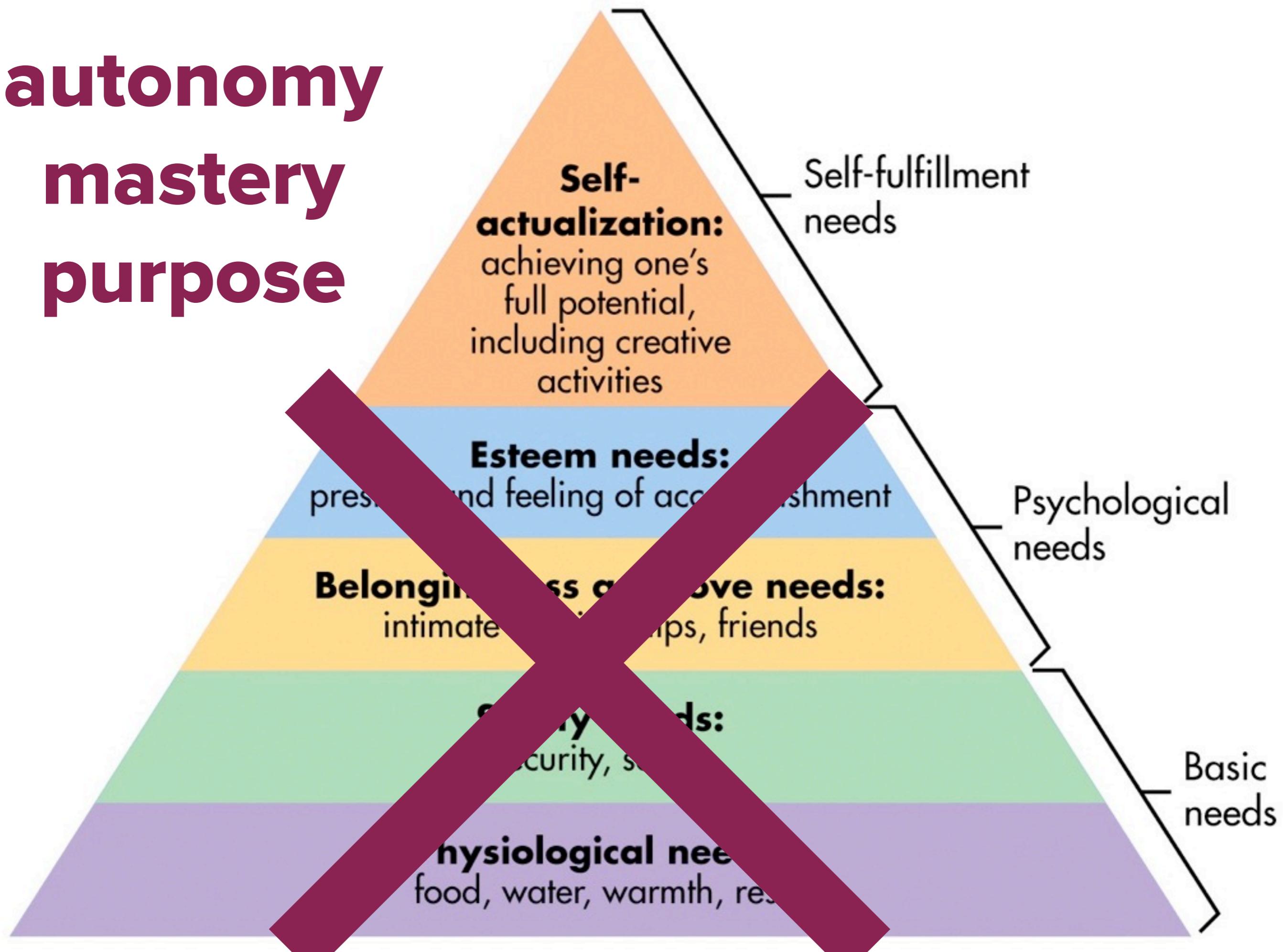
team culture

pay well

autonomy

mastery

purpose



“Running a team of developers and designers isn’t easy. Learn how to use several key apps and principles to make your team operate like a well-oiled, happy machine.”

”

“

Running a team of developers and designers isn't easy. Learn how to use several key concepts and principles to **cultivate a culture** to enable your team to operate like a well-oiled, happy machine. **of creative, productive awesomeness**

kick ass, self-fulfilled

”

future of
web apps

future of
web apps
development

innovation

speed

agility

creativity

collaboration

communication

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 meetings

no vacations

no assignments

no bosses



thanks

scott chacon

@**chacon**