

# **Code-crowd: how software repositories express urban life**

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is there any way of making a more general assessment of software in the city?

[Thrift & French, 2002, 311-312]

1. the most obvious, the large and complex **geography of the writing of software** – of the production of lines of code – a geography that takes in many different locations and many different languages and which has been built up progressively since the invention of programming in the 1940s [Thrift & French, 2002, 323].
2. in essence, we can say that it [software] consists of **rules of conduct** able to be applied to determinate situations [325]
3. the general profusion of software, its increasing complexity and consequent emergent properties, all count as means of producing playful idioms that have not been captured by dominant orders. Software's very indeterminacy and lack of closure provide a means of **creating new kinds of order** (328)

'Take just the case of coded cities understood as a whole.

Should we think of them simply as projections of an autistic **capitalist power** in which all consequences are externalized? ... as entities gathered around **matters of prescribed concern** and uninterested in much that lies outside them? ... as tied into a kind of ethic of care by the need to roll over systems which demand resilience? ... as having an **increasingly involved dream life**, based on projection and retrojection of all the searches, blogs and tweets that are continually being generated? ... as **geometric beings**, born out of constant requests for navigation? ... as the **result of newly found abilities to represent** arising out of advances in visualization?

There is no set format or single cause but what is clear is that it is **increasingly possible for these entities to learn – in however a limited way – to transform themselves**, to author themselves either through emergent tendencies arising out of complexity or through simple happenstance which places them in unexpected situations which require adaptation'

[Thrift, 2014, 13]

> Software is more like a kind of traffic between beings, wherein one sees, so to speak, the effects of the relationship. What transpires becomes reified in actions, body stances, general anticipations. We would argue, then, that software is best thought of as a kind of absorption, an expectation of what will turn up in the everyday world. [Thrift & French, 2002, 312]

# Git

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## git(1) Manual Page

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### NAME

git - the stupid content tracker

### SYNOPSIS

```
git [--version] [--help] [-C <path>] [-c <name>=<value>]
[--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
[-p|--paginate|--no-pager] [--no-replace-objects] [--bare]
[--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
<command> [<args>]
```

### DESCRIPTION

Git is a fast, scalable, distributed revision control system with an unusually rich command set that provides both high-level operations and full access to internals.

See [gettutorial\(7\)](#) to get started, then see [Everyday Git](#) for a useful minimum set of commands. The [Git User's Manual](#) has a more in-depth introduction.

After you mastered the basic concepts, you can come back to this page to learn what commands Git offers. You can learn more about individual Git commands with "git help command". [gitcli\(7\)](#) manual page gives you an overview of the command-line command syntax.

Formatted and hyperlinked version of the latest Git documentation can be viewed at <http://git-helptexts.googlecode.com/git/git.html>.

### OPTIONS

#### --version

Prints the Git suite version that the *git* program came from.

#### --help

# From git to Github: code in traffic



**About**

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- [Jobs](#)
- [Press](#)
- [Blog](#)

**FOUNDED**  
2008

**HOME BASE**  
San Francisco

**HUBBERS**  
239

**LOVEABLE MASCOT**  
The Octocat

**GitHub is the best place to share code** with friends, co-workers, classmates, and complete strangers. Over five million people use GitHub to build amazing things together.



With the collaborative features of GitHub.com, our [desktop](#) and [mobile apps](#), and [GitHub Enterprise](#), it has never been easier for individuals and teams to write better code, faster.

Originally founded by [Tom Preston-Werner](#), [Chris Wanstrath](#), and [PJ Hyett](#) to simplify sharing code, GitHub has grown into the largest code host in the world.



Search or type a command

Explore Gist Blog Help



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About GitHub

Our Team

**Press**

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There are **6.1M** people collaborating right now across **13.2M** repositories on GitHub. Developers from all around the world are building amazing things together. Their story is our story.

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[GitHub: Innovations That Mattered in 2013](#)

GovLoop, December 12, 2013

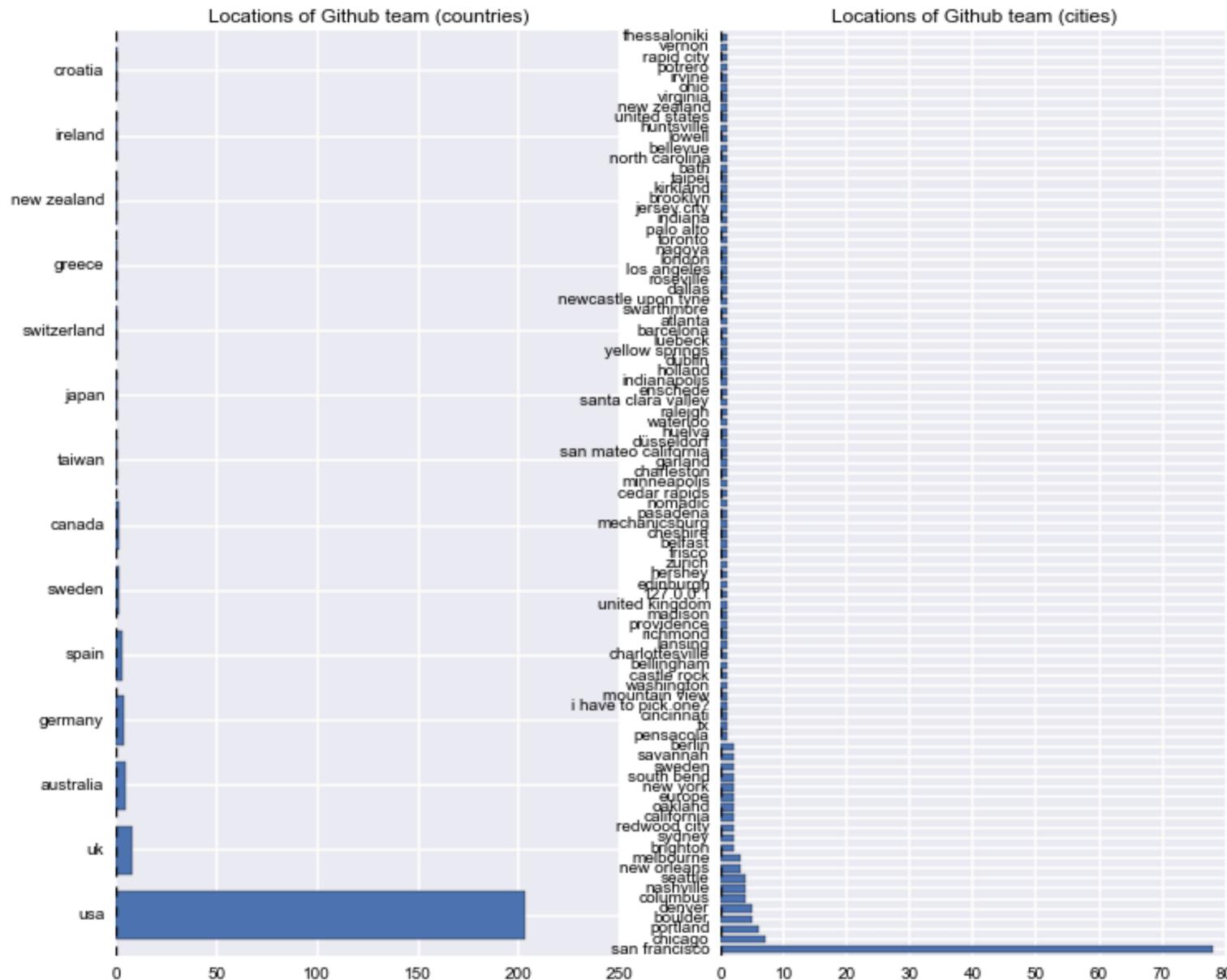
[GitHub's Tom Preston-Werner: How We Went Mainstream](#)

ReadWriteWeb November 18, 2013

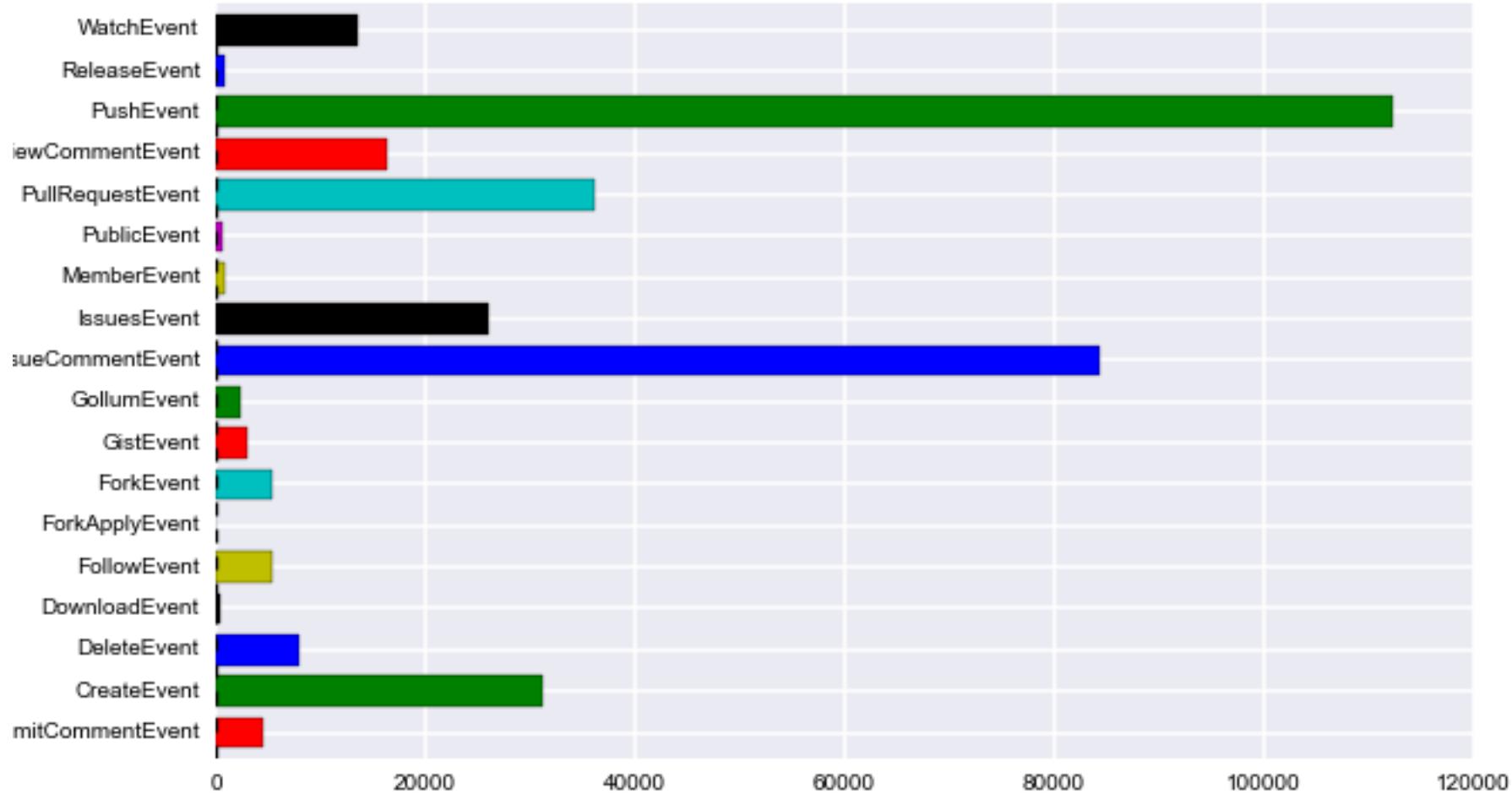
[press@github.com](mailto:press@github.com)

[GitHub Fact Sheet](#)

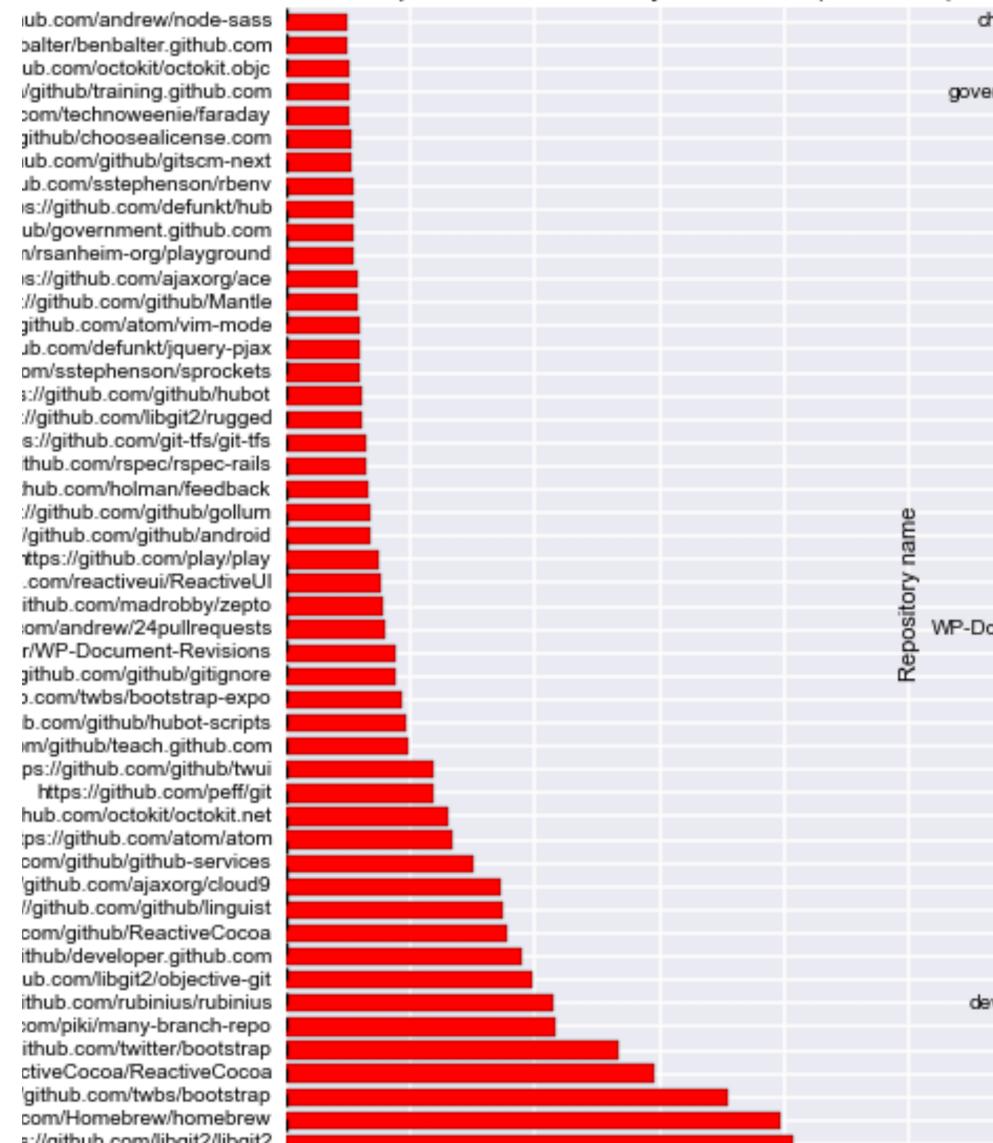
# Geographies of 'Hubbernauts'



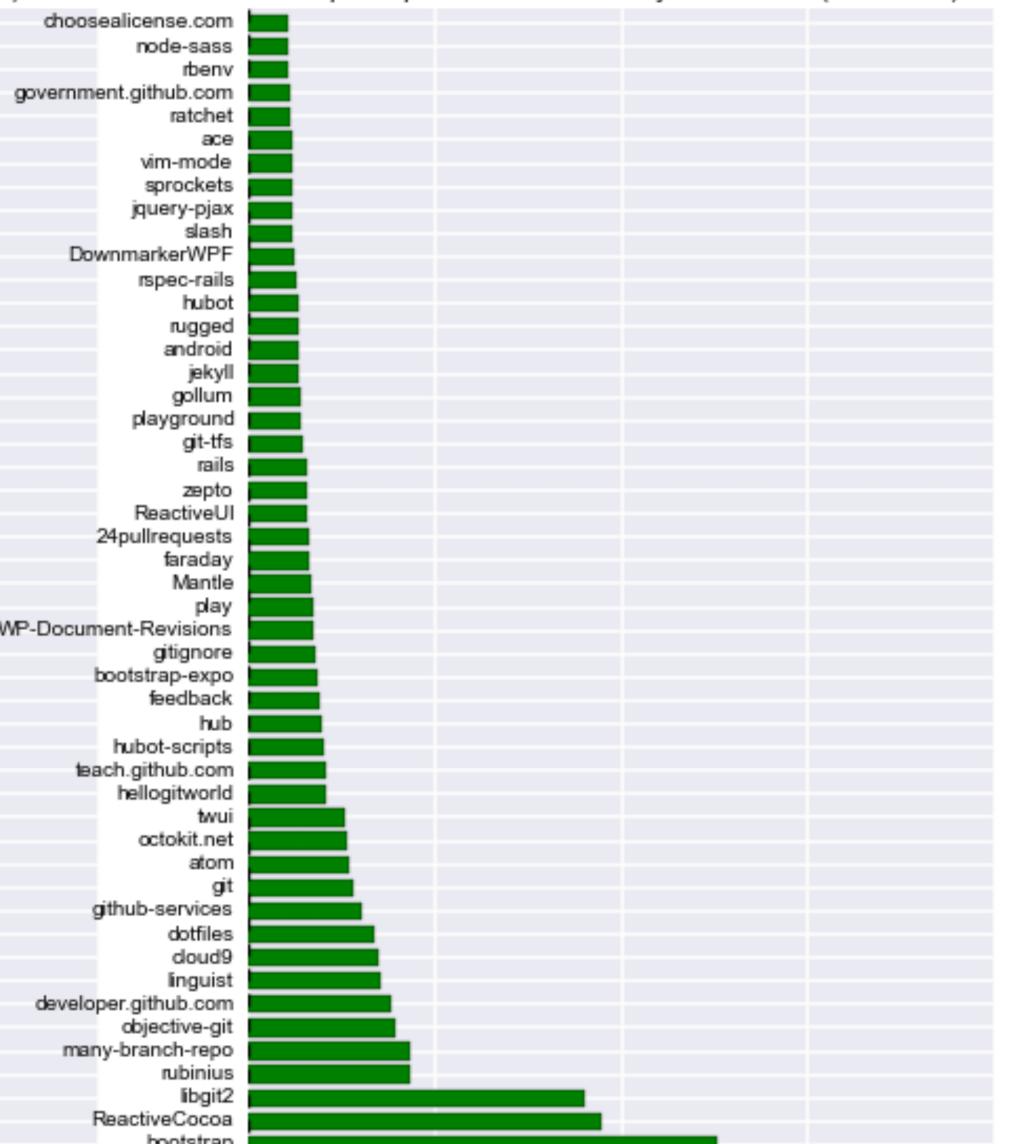
Event counts for Github team



Repositories worked on by Github team (since 2012)



Unique Repositories worked on by Github team (since 2012)



## Early repositories ( c. 2008)

1 mojombo/grit  
2 wycats/merb-core  
3 rubinius/rubinius  
4 mojombo/god  
5 vanpelt/jsawesome  
6 wycats/jspec  
7 defunkt/exception\_logger  
8 defunkt/ambition  
9 labria/restful-authentication  
10 technoweenie/restful-authentication  
11 technoweenie/attachment\_fu  
12 topfunky/bong  
13 anotherjesse/s3  
14 anotherjesse/taboo  
15 mojombo/glowstick  
16 wycats/merb-more  
17 macournoyer/thin  
18 jamesgolick/resource\_controller  
19 defunkt/cache\_fu  
20 bmizerany/sinatra  
21 rtomayko/sinatra  
22 jnewland/gsa-prototype  
23 defunkt/mofo  
24 schacon/ruby-git  
25 mmower/simply\_versioned  
26 abhay/calais  
27 mojombo/chronic  
28 al3x/git-wiki  
29 schacon/git-wiki  
30 sr/git-wiki  
31 queso/signal-wiki  
32 drnic/ruby-on-rails-tmbundle  
33 danwrong/low-pro-for-jquery  
34 mojombo/yaws  
35 grempe/amazon-ec2

## Recent repositories (c. 2014)

1 2m1tsu3/practice  
2 tylerdmace/ledomme  
3 yehiaelghaly/xssya  
4 istvan-antal/commandjs  
5 JohnKrigbjorn/ObjectOne  
6 chenx/Ci35\_1  
7 mohsenbezanj/AI\_Project  
8 Dineshkarthik/blogengine  
9 sapanbhuta/Sapari  
10 gwoodroof/chat-gwoodroof  
11 tryuichi/Hello-World  
12 prateek0020/NepTravelMate  
13 discoverfly/discoverfly.github.io  
14 evan-007/ng-wikiful  
15 sanemat/zipcode-jp  
16 donreamey/PJKiller  
17 discoverfly/discover  
18 jkkorean/MIUI-KK  
19 Artofacks1/ionic-app  
20 jkkorean/MIUI-JB  
21 tycho01/rails-i18n  
22 Oksisane/Websockets  
23 chenxiruanhai/XScrollView  
24 jhonM17/footer-fixed-bootstrap  
25 McPringle/workshops  
26 JosemyD/testing-laravel  
27 wngravette/FlogResources  
28 Ethico/temp  
29 Tripod2K/cse223p  
30 Parbhat/tango\_with\_django\_1.6  
31 ManuelAlanis/ios  
32 kowito/pnxstudio  
33 raimana/activiti\_merger  
34 dylanling/connect\_four  
35 yinseo2014/game-cho-android

## **Most forked repositories on Github (January 2013)**

<b>forks</b>	<b>repository</b>
1478	bootstrap
1276	Spoon-Knife
763	dotfiles
504	rails
426	html5-boilerplate
410	jquery
375	homebrew
345	linux
343	android
291	phonegap-plugins
280	node



Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

[Download Bootstrap](#)

Currently v3.2.0



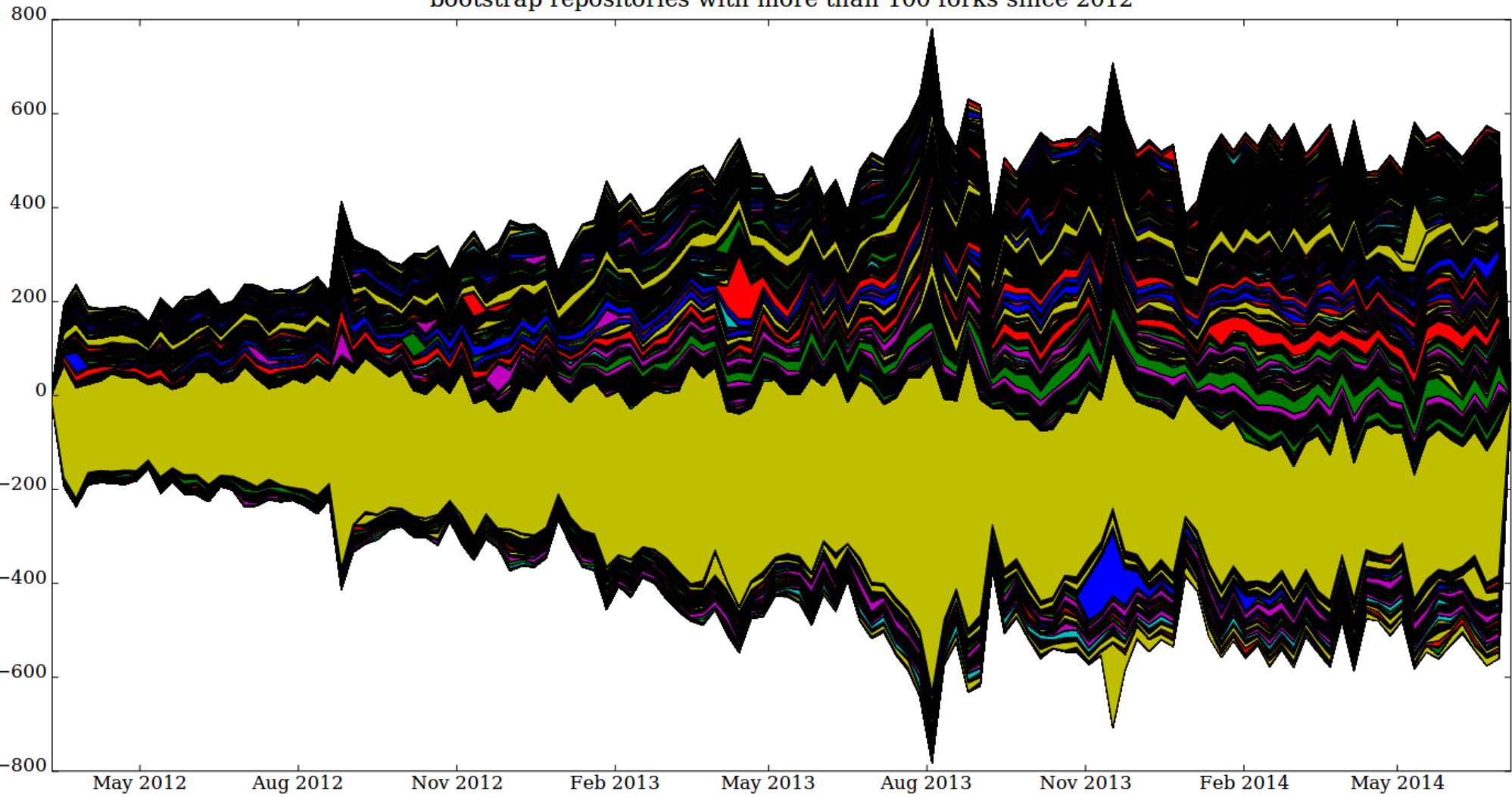
Free web app  
performance monitoring  
and shirt when you try  
New Relic.

ads via Carbon

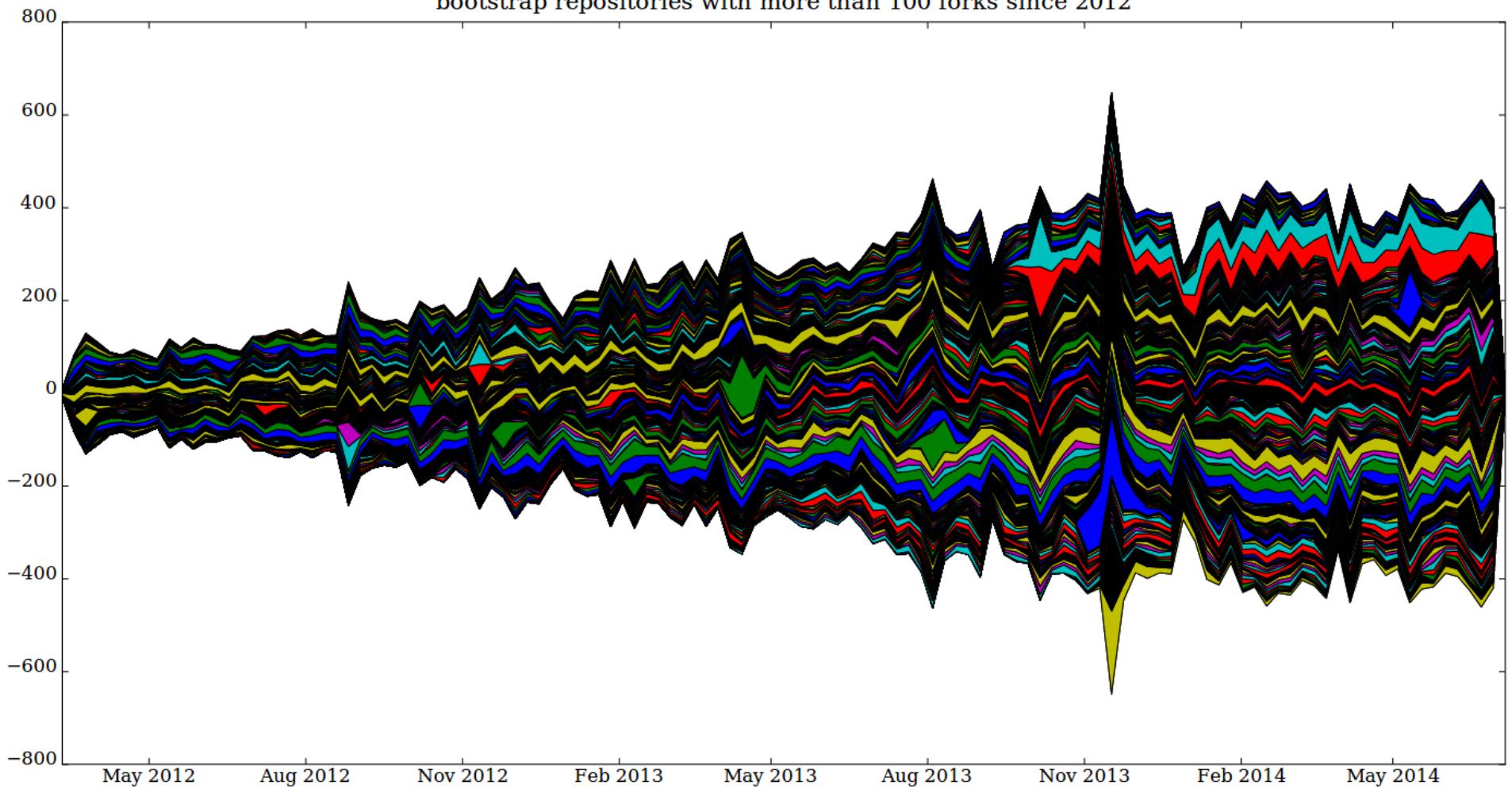
## Bootstrap-related forks (January 2013)

forks repo  
1478 bootstrap  
109 bootstrap-datepicker  
84 jekyll-bootstrap  
60 bootstrap-wysihtml5  
54 bootstrap-tour  
48 twitter-bootstrap-rails  
48 bootstrap-sass  
46 bootstrap-datetimepicker  
43 jquery-ui-bootstrap  
42 bootstrap-modal  
40 wordpress-bootstrap  
36 bootstrap-daterangepicker  
31 sass-twitter-bootstrap  
31 Bootstrap-Image-Gallery  
26 rails3-bootstrap-devise-canCan  
26 bootstrapwp-Twitter-Bootstrap-for-WordPress  
24 metro-bootstrap  
24 bootstrap-timepicker  
23 bootstrap-toggle-buttons  
23 MopaBootstrapBundle  
19 twitter.bootstrap.mvc  
19 bootstrap-switch  
18 google-bootstrap  
18 Bootstrap-IE6  
17 gwt-bootstrap  
17 django-bootstrap-toolkit  
17 bootstrap-magic  
17 android-bootstrap  
16 sinatra-bootstrap  
16 CodeIgniter-Bootstrap

bootstrap repositories with more than 100 forks since 2012



bootstrap repositories with more than 100 forks since 2012



# **Conclusion: code-crowd?**

**Github platform as passionnal assemblage that  
seeks to recursively urbanise code**

**vs.**

**Coding as convolutional imitation with crowd  
dynamics**

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