

The Technology powering WonderProxy

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@preinheimer

Value

Describe the problems we've had, and how we've used technology to solve them.

You're in **Ontario**,
your users aren't.

WonderProxy: Test Globally.

147 locations, in 69 countries on 6 continents.

[Plan Details](#)

 Argentina	 Australia	 Austria	 Bangladesh
 Belgium	 Brazil	 Bulgaria	 Canada
 Chile	 China	 Colombia	 Costa Rica
 Croatia	 Czech Republic	 Denmark	 Egypt
 Estonia	 Finland	 France	 Germany
 Greece	 Guatemala	 Hong Kong	 Hungary
 Iceland	 India	 Indonesia	 Ireland

... And 41 more countries.

WonderProxy provides HTTP proxies around the world to help you test GeolP web applications. This paid service makes testing and re-testing applications from around the world fast and easy.

Why Proxy?



When building, testing, or using GeolP applications, **proxies provide easy and effective testing**. Alternatives like injecting IPs in debugging mode or hacking in request variables are not always available, and you quickly end up testing the hack rather than the application.



Where's It Up?

Check your site's HTTP, DNS & Trace around the world!

[Check Status](#)

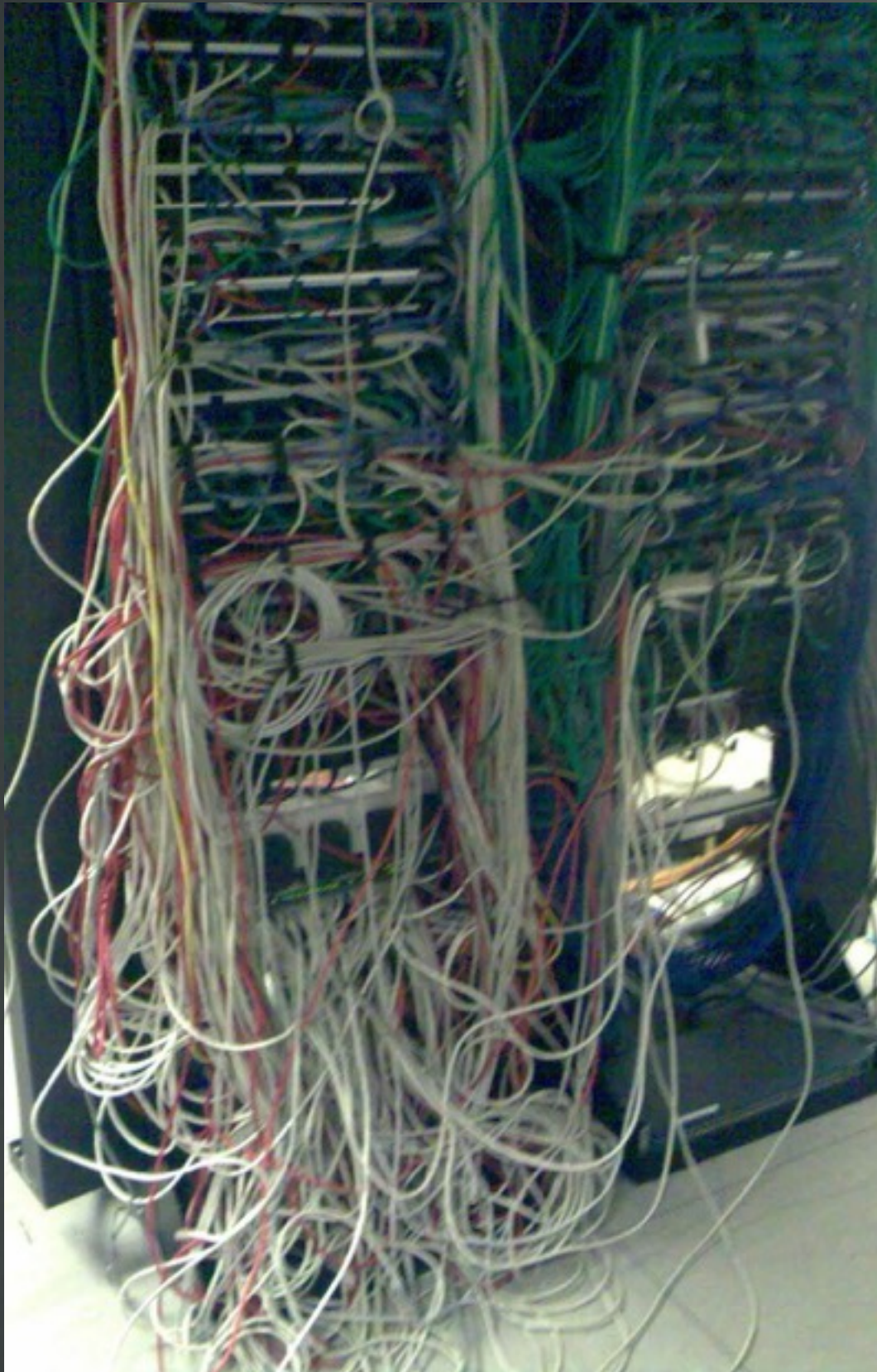
North America

[+5](#)[none](#)

☐ Albany	☐ Cleveland	☐ Jackson	☐ New Orleans	☐ San Francisco
☐ Albuquerque	☐ Colorado Springs	☒ Jacksonville	☐ New York	☐ San Jose
☐ Anchorage	☐ Columbus	☐ Kansas City	☐ Oklahoma City	☐ Seattle
☐ Asheville	☐ Dallas	☐ Knoxville	☐ Orlando	☐ South Bend
☐ Atlanta	☒ Denver	☐ Las Vegas	☐ Panama	☐ St Louis
☐ Austin	☐ Des Moines	☐ Los Angeles	☐ Philadelphia	☐ Tampa
☐ Baltimore	☐ Detroit	☐ Louisville	☐ Phoenix	☒ Toledo
☒ Bismarck	☐ Edmonton	☐ Manhattan	☐ Piscataway	☐ Toronto
☐ Boston	☐ Green Bay	☐ Mexico	☐ Portland	☐ Vancouver
☐ Buffalo	☐ Guatemala	☐ Miami	☒ Sacramento	☐ Washington
☐ Calgary	☐ Halifax	☐ Minneapolis	☐ Salem	☐ Winnipeg
☐ Charlotte	☐ Heredia	☐ Missoula	☐ Salt Lake City	
☐ Chicago	☐ Honolulu	☒ Monticello	☐ San Antonio	
☐ Cincinnati	☐ Houston	☐ Montreal	☐ San Diego	



WonderNetwork



Technology

- PHP
- Bash
- Linux
- MySQL
- Apache
- Puppet
- jQuery
- DataTables
- phpUnit
- MongoDB
- FogBugz
- Trello
- KVM



Laura Thomson

@lxt

 Follow

Complex systems are 2-3x harder to develop than simple ones, and 10x harder to operate -
[@preinheimer](#) on the mark as usual

11:28 AM - 22 May 2014

11 RETWEETS 6 FAVORITES



KVM



Physical Security

SAS60b
1TB 7.2k

Voltron

Voltron

Voltron

Builder32

Builder64

memcached

Lilypad

Monitor

Mongo

MySQL

FogBugz

IRC

Puppet

WebDev

WebProd

PHP

PHP

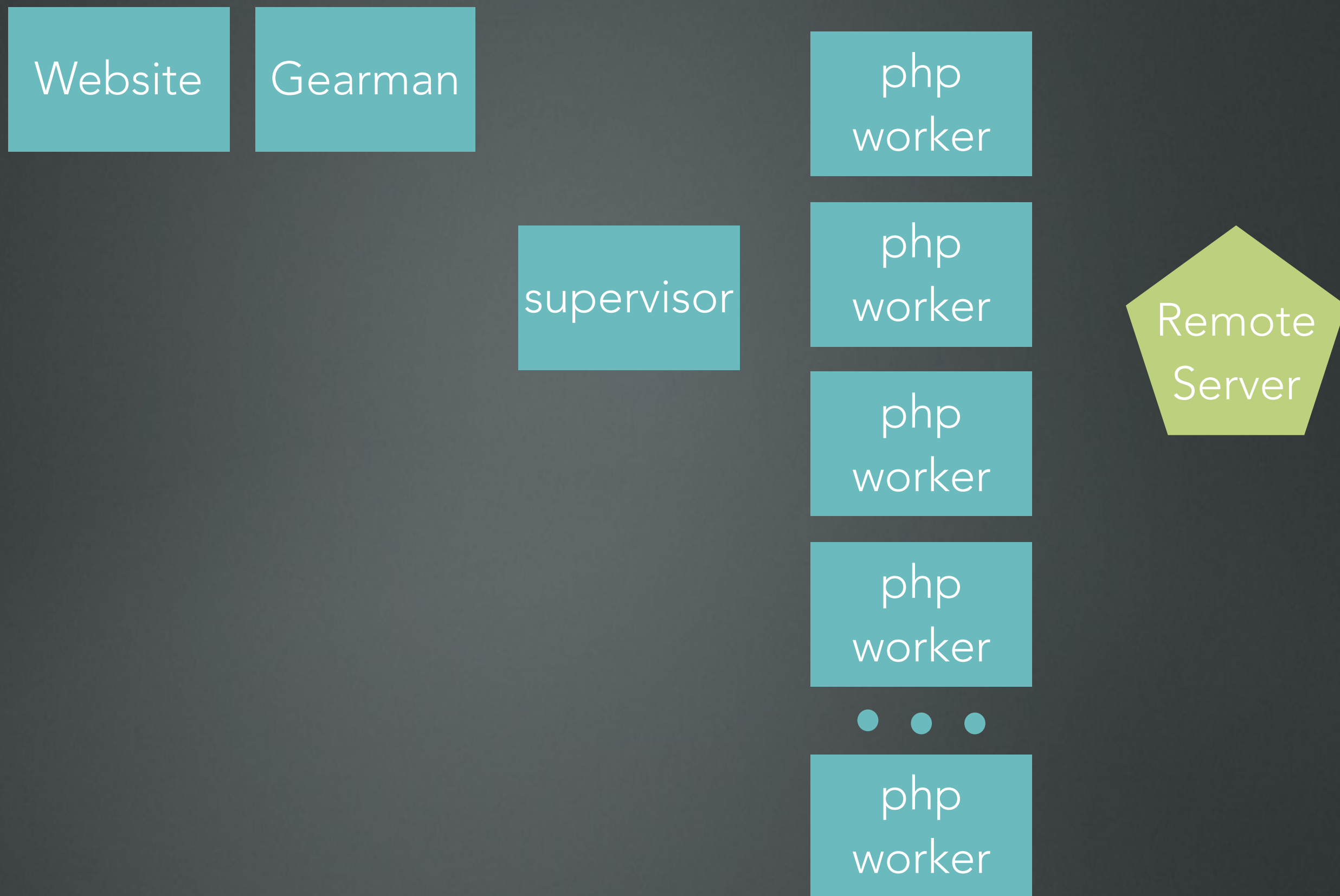
wonderproxy.com

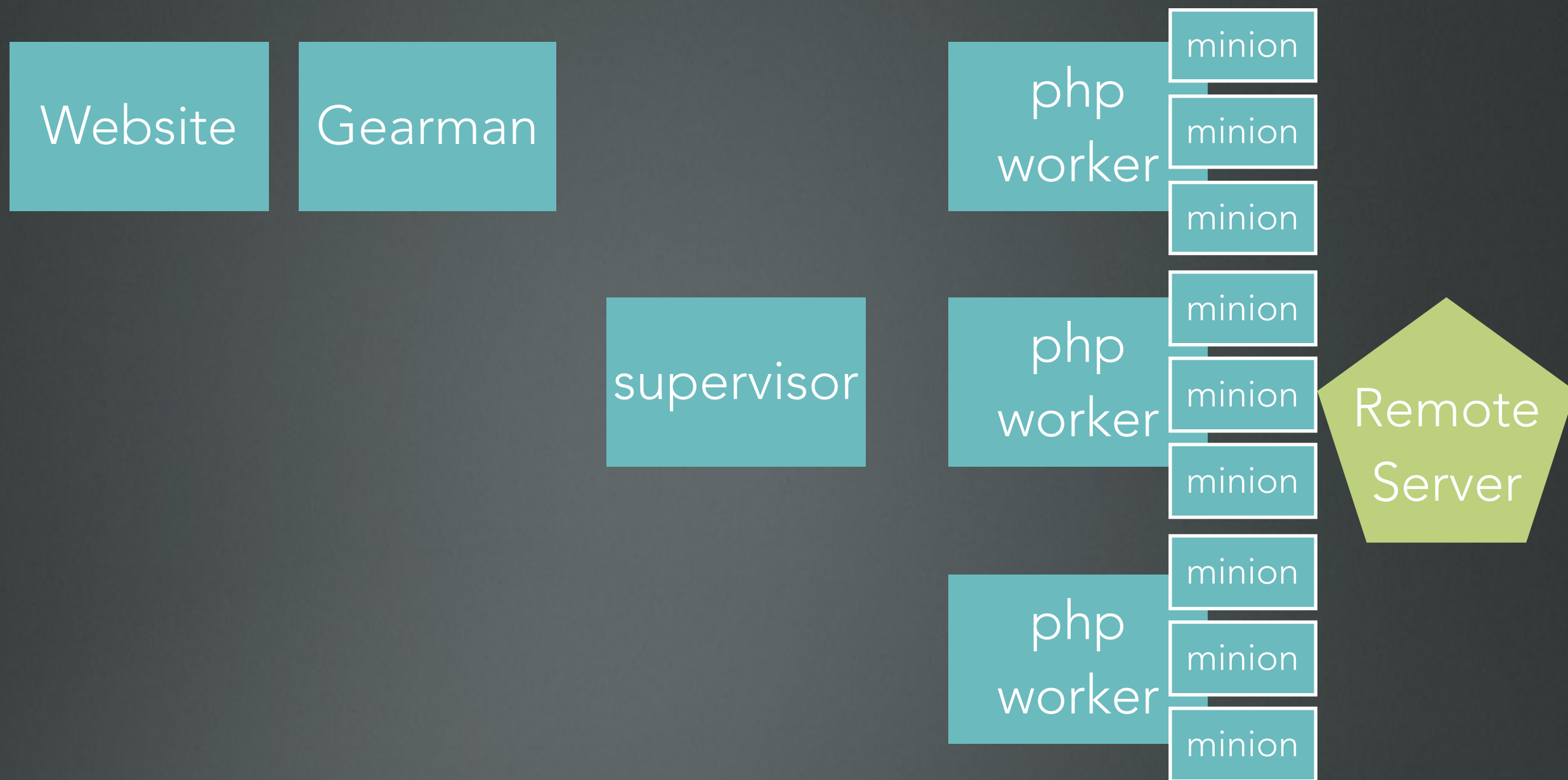
noweb

docroot

src

vendor





`work()`

`proc_open()`

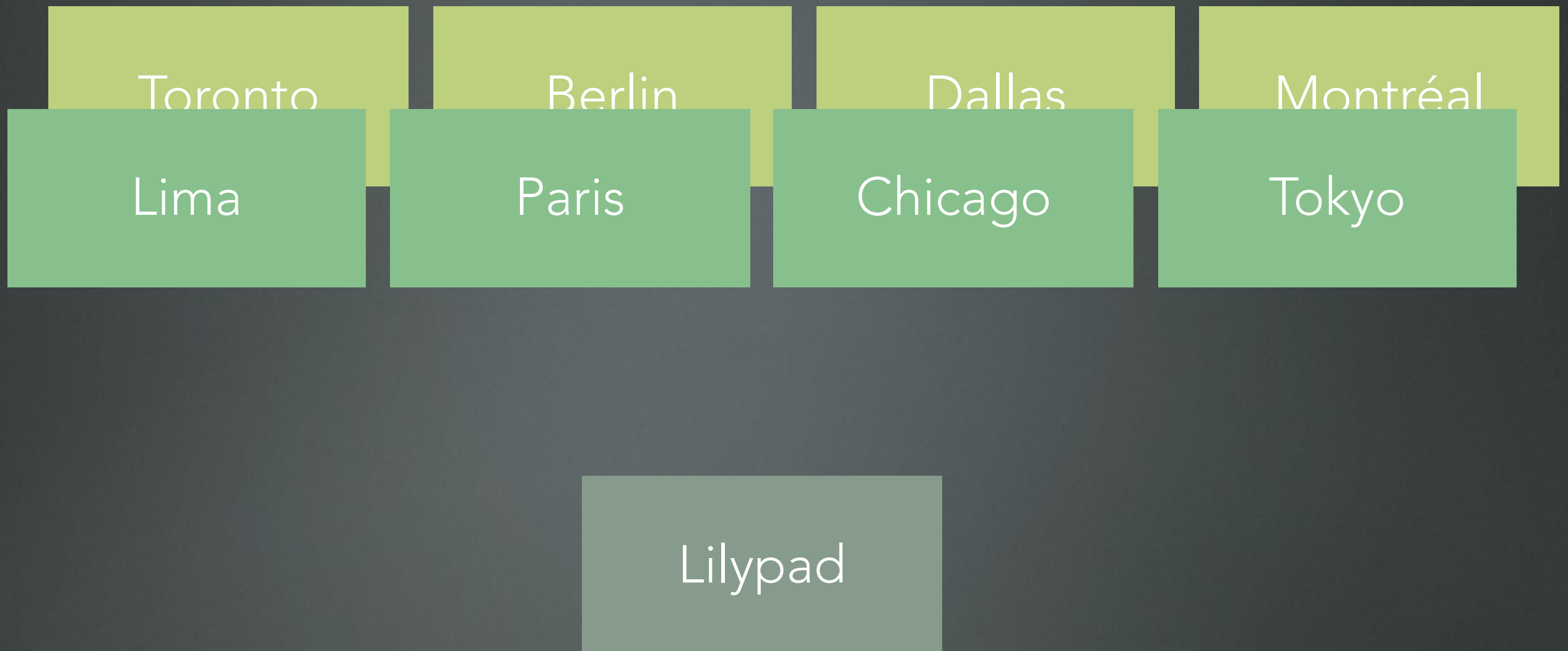
`set_stream_blocking()`

`select()`

`fread()`

`fclose()`

Log rotation



MySQL (Percona)

plans

title	varchar(25)
servers	tinyint(4) unsigned
seats	tinyint(4)
bytes	bigint(20)
gb	int(11)
cost	decimal(4,2)
overage_rate	decimal(4,2)

plans_servers

plan_id	tinyint(4)
server_id	tinyint(4) unsigned
bytes	bigint(20)
overage_rate	float(10,2)

contracts

contracts_ servers

description	varchar(25)
bytes	bigint(20)
seats	tinyint(4)
billing_start	timestamp
servers	tinyint(4) unsigned
plan_id	tinyint(1)
button	tinyint(4)
managed	tinyint(4)
billing_end_date	date
active	int(11)
subscription	tinyint(1)
expire_warn_days	int(11)
balance	decimal(15,2)
monthly_cost	decimal(15,2)
period_end_date	date
period_start_date	date
adv_documentation	int(11)

group_id	int(4)
server_id	tinyint(4) unsigned
bytes	bigint(20)
overage_rate	float(10,2)
value_calculated	float(10,2)
value_manual	float(10,2)

usage

user_id	int(11)
group_id	int(3) unsigned
bytes	bigint(20)
timestamp	timestamp
server_id	tinyint(4) unsigned

sum_usage_
daily

^P 22

user_id	int(10) unsigned
group_id	int(11)
server_id	int(11)
date	date
bytes	bigint(20) unsigned

servers

id	tinyint(4) unsigned
name	varchar(32)
title	varchar(32)
location	varchar(32)
state	varchar(32)
country	varchar(25)
cc	char(2)
state_abbrev	varchar(32)
continent	tinyint(4)
incl_bw	bigint(20)
services	tinyint(4)
dns_version	int(11)
users_actual	int(11)
users_desired	int(11)
providers_id	int(11)
monthly_cost	double(10,2)
monthly_value	double(10,2)

servers_
distances

servers_pos

dns_updates

user_tokens

country_
details

dates

Puppet

wp-ipsec

wp-squid

wp-base

base

MongoDB

```
1  {
2    "_id": "53292f6e76f826b274ba6d2b",
3    "client": "51410219d331164d6600037b",
4    "frontEnd": [
5      {
6        "city": "Denver",
7        "server": "Denver",
8        "checks": [
9          "dig"
10       ]
11     }
12   ],
13   "request": {
14     "url": "http://www.google.com",
15     "ip": "107.4.56.245",
16     "start_time": 1395208046,
17     "easy_time": "Wed, 19 Mar 2014 01:47:26 -0400"
18   },
19   "start": 1395208046,
20   "user": "107.4.56.245",
21   "workDetails": [
22     "Denver.dig"
23   ]
24 }
```

Master Document

Child Document

Child Document

Child Document

FogBugz

CASES IN SUPPORT

☐			Case	Title	Status	Opened By	Rem
☐			839	HTTP headers Hi Brian, The new API and its documentation do n...	Resolved (Resp...	WonderProxy Support	
☐			1151	Proxy Servers in weird locations Hi Catalin, Underestimating traf...	Active	WonderProxy Support	
☐			1266	WonderProxy account expiration never mind. i dont think i need ...	Active	WonderProxy Support	
☐			1715	RE: Require usage limt plan Thank you Regards, Charles Simon...	Active	WonderProxy Support	
☐			1811	Proxy issues Hi Noah, We can do 71GB network-wide through th...	Active	WonderProxy Support	
☐			1831	WonderProxy - How Wonderful! Hi James, I'm able to add server...	Active	WonderProxy Support	
☐			1853	purchase of Team plan via invoice Good afternoon Allison, Thank...	Active	WonderProxy Support	
☐			1865	WonderProxy - How Wonderful! Hi Roger, I've set you up with a ...	Resolved (Waiti...	WonderProxy Support	
☐			1878	Free plan? Thanks, Paul I'll give it a go from home over the wee...	Active	WonderProxy Support	
☐			1883	Help, my account wasn't automatically renewed, and we have a c...	Active	WonderProxy Support	
☐			1886	MY ACCOUNT I'm guessing it's this account: https://wonderprox...	Active	WonderProxy Support	
☐			1888	Question about Billing Overage Hi Keo, Thanks for reaching out! ...	Active	WonderProxy Support	
☐			1896	Invoice Benny, Thanks, I'll have someone work on that for you. ...	Active	WonderProxy Support	

 [Add Case](#)

CASES IN WHERE'S IT UP (/FAST / API)

☐			Case	Title	Status	Opened By	Rem
☐			22	WIF - Try other way of getting data for better sizes	Active	Paul Reinheimer	
☐			26	Blog about stuffs	Active	Paul Reinheimer	
☐			27	Look at the fogbugz emails (the three i'll get) as a template for ret...	Active	Paul Reinheimer	
☐			64	Add cacti monitoring for pagespeed on WonderProxy.com (also co...	Active	Paul Reinheimer	
☐			65	Re-do Invoice workflow Users should select a renewal period and...	Active	Paul Reinheimer	
☐			184	Minimize the post size, it's getting fraking long test	Active	Paul Reinheimer	

 [Add Case](#)

Squid

squid

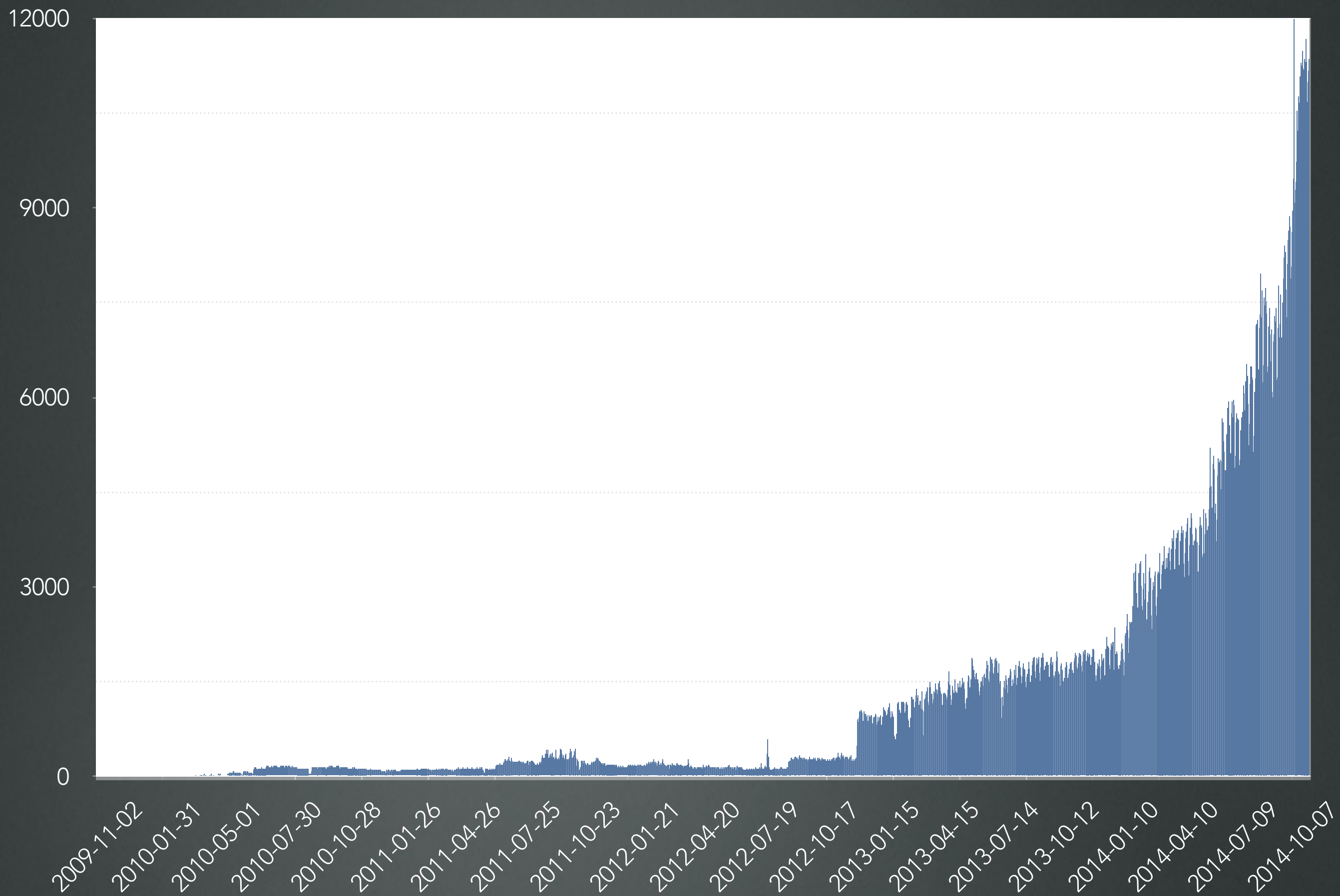
- almost stock build
- we add a few headers

Summary

Technology is good

Summary

Tricky
Technology is ~~good~~



Thanks!

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