

Nagios at Etsy

How the marketplace we make together,
is growing its monitoring

A stack of several wooden coasters. The top coaster is in sharp focus, showing a logo consisting of a stylized house outline above the letters 'HWC' and the text 'MADE IN HILO, HAWAII' below it. The coasters are stacked, with the ones below being slightly out of focus. The wood grain is clearly visible on each piece.

HWC
MADE IN HILO, HAWAII

HWC
MADE IN HILO, HAWAII

HWC
MADE IN HILO, HAWAII

<http://www.flickr.com/photos/anokarina/8636778980/>



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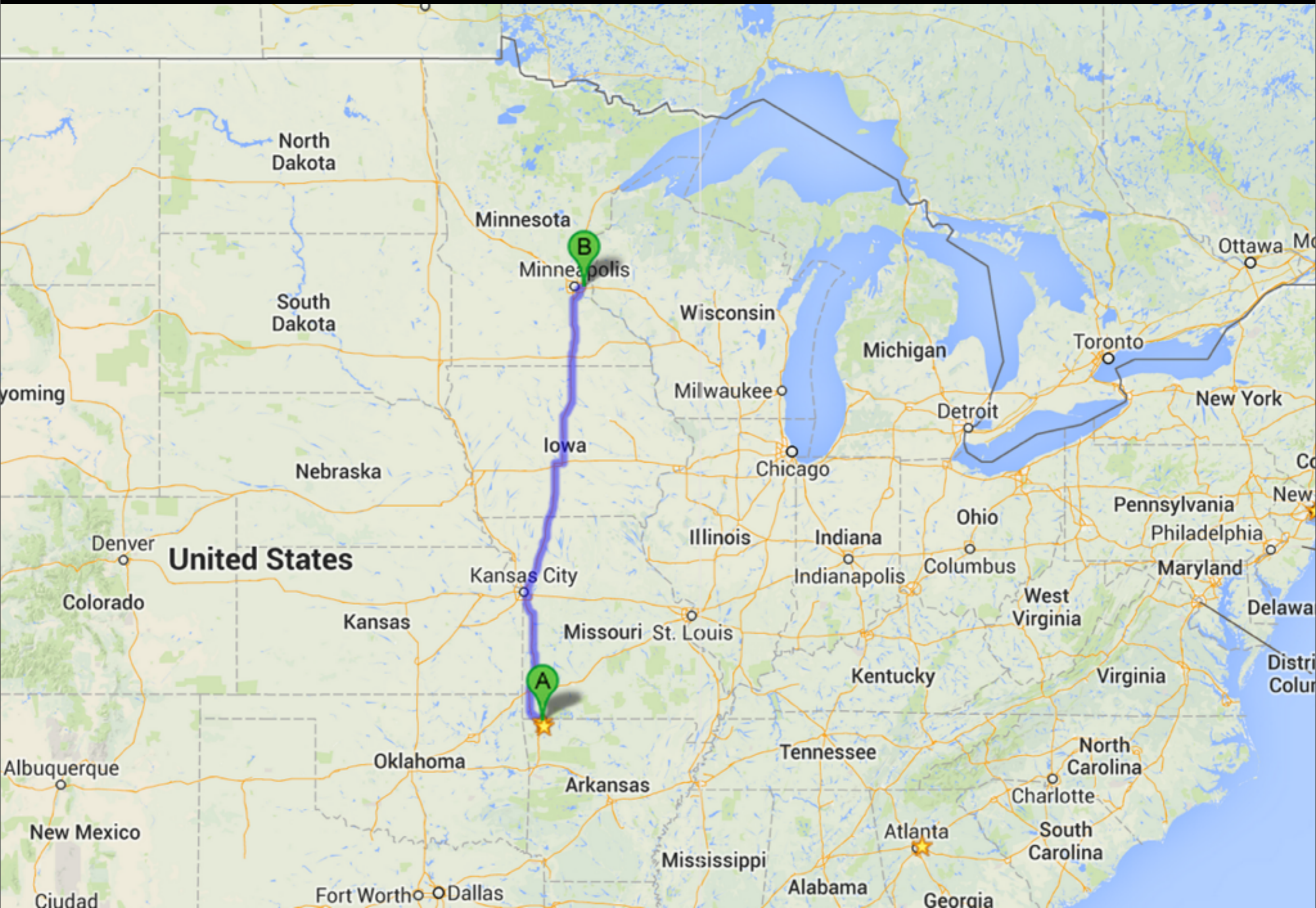
<http://www.flickr.com/photos/guysie/6025265885/>



<http://www.flickr.com/photos/kellan/5891282791/>

But first!

A little story...



Your journey starts here

Name *Vig, Avleen*
Color / Model *Genesis*
License # *048KWZ*
Stall # *0334961*

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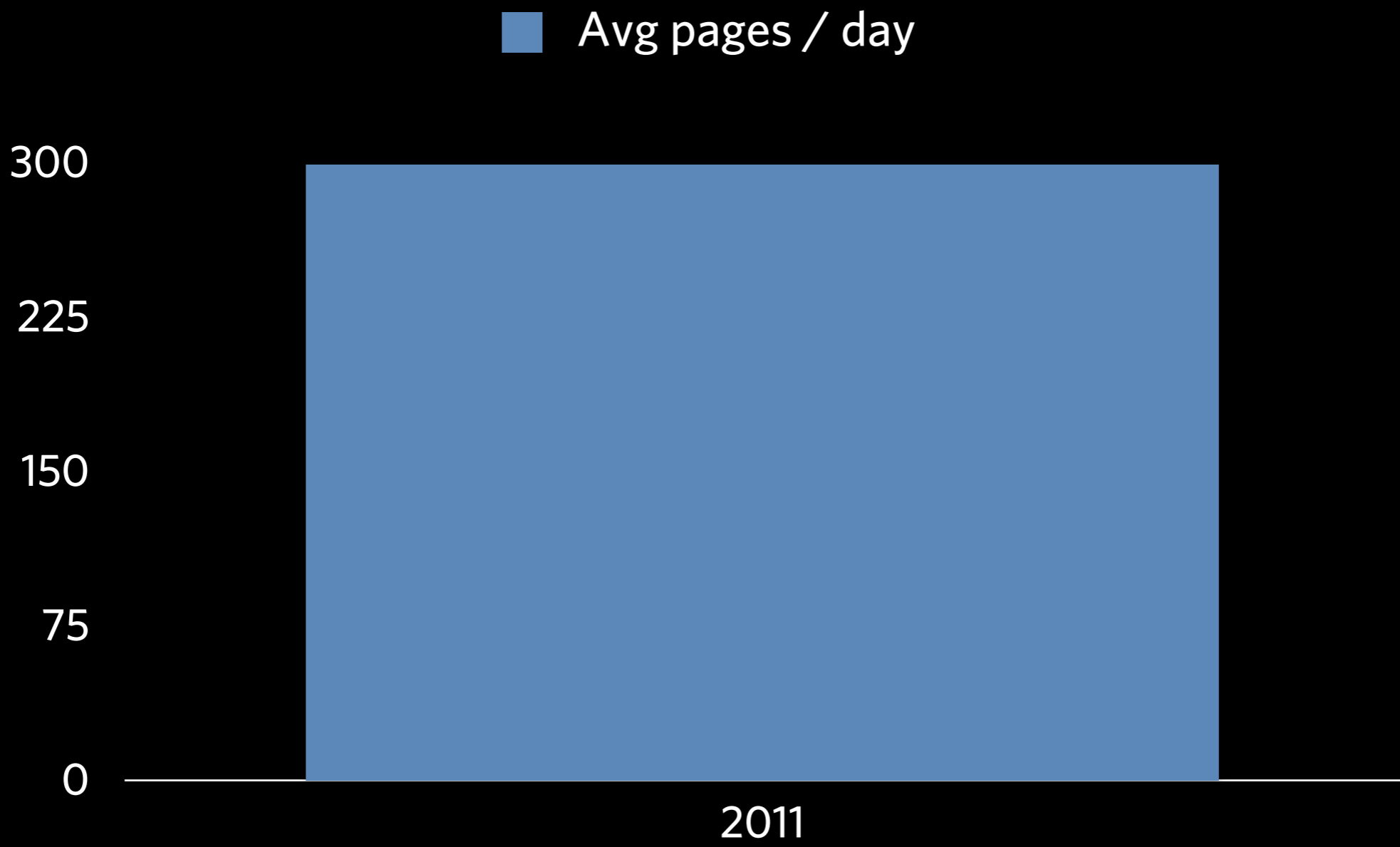
Monday, October 7, 13



Monday, October 7, 13

Holy crap!

Monitoring Hygiene



*“Information is not a
scarce resource.
Attention is.”*

- Herb A. Simon (1971)

2011: Nagios Hack Week

Load Average

~~Load Average~~



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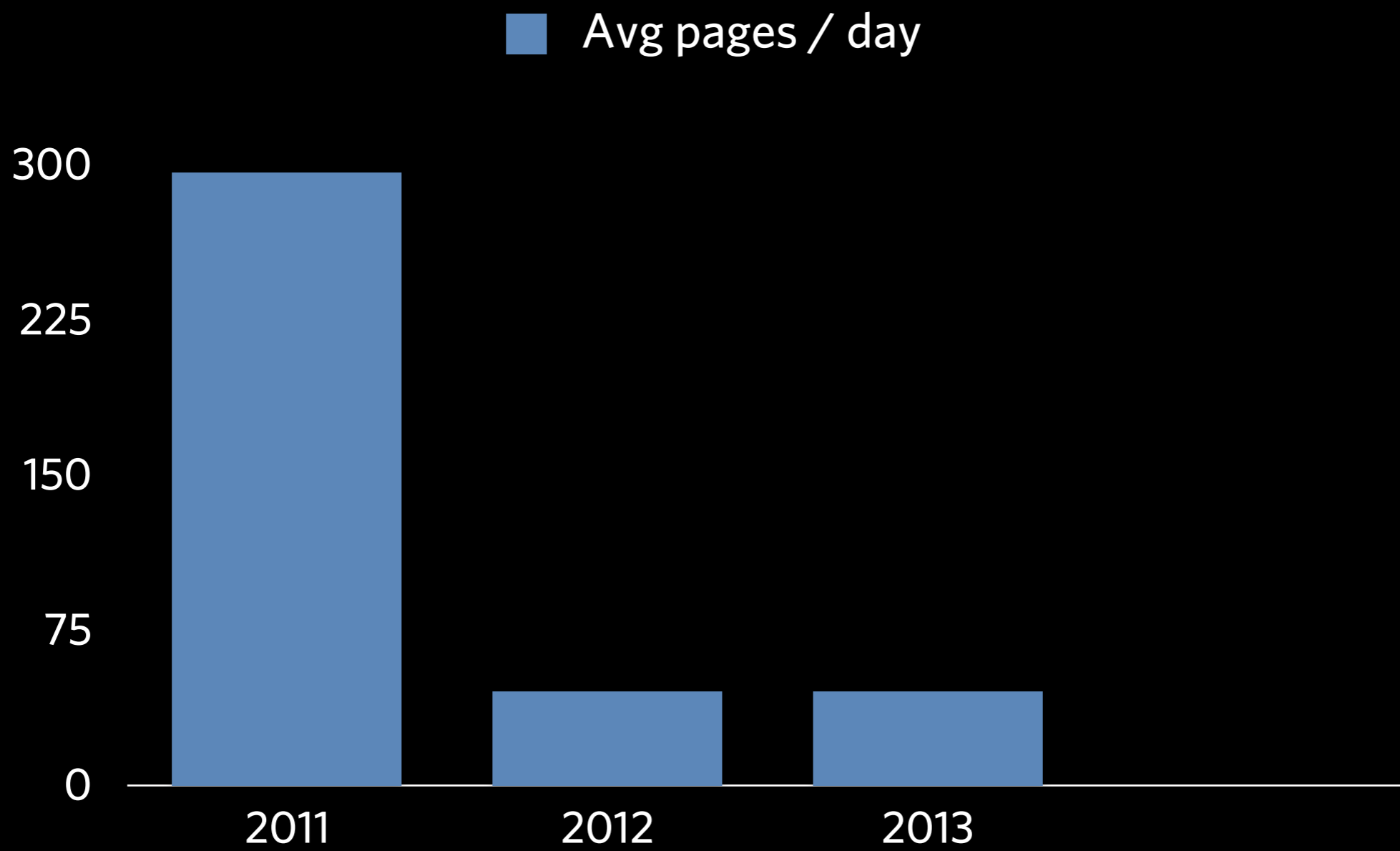
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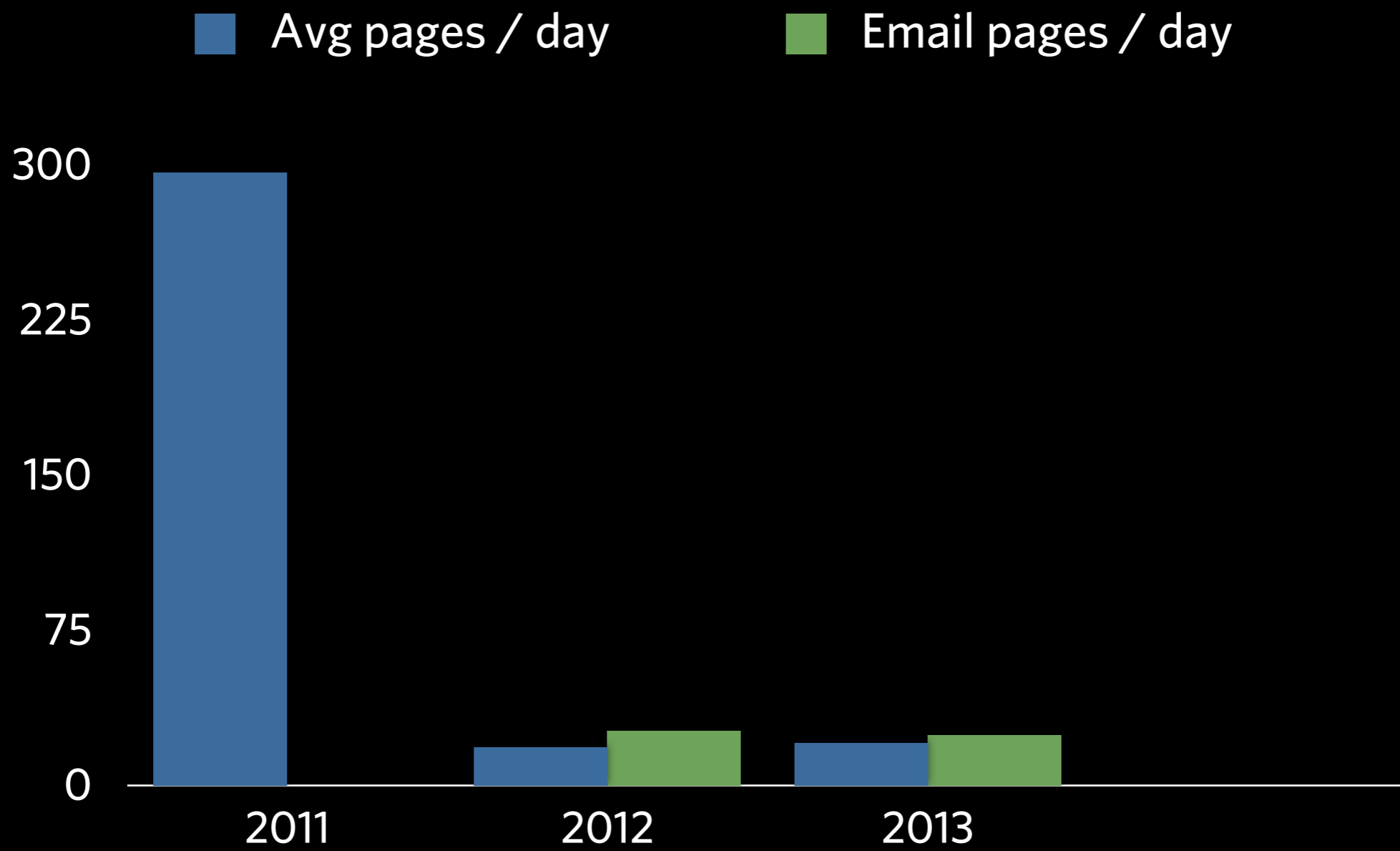


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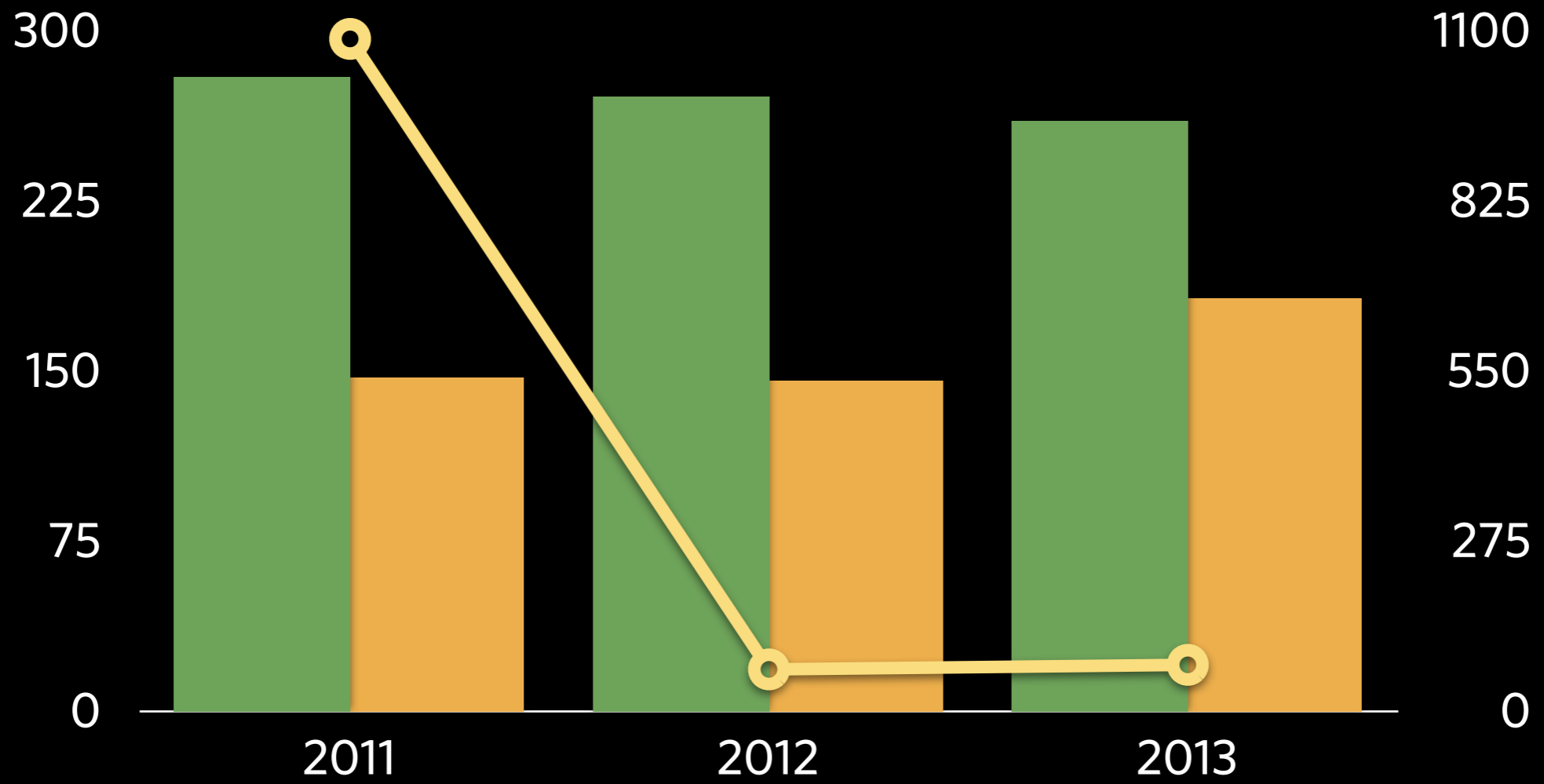


check_check
all the things!





○ Avg pages / day ■ Num servers ■ Num services



Bzzt! Not good enough!

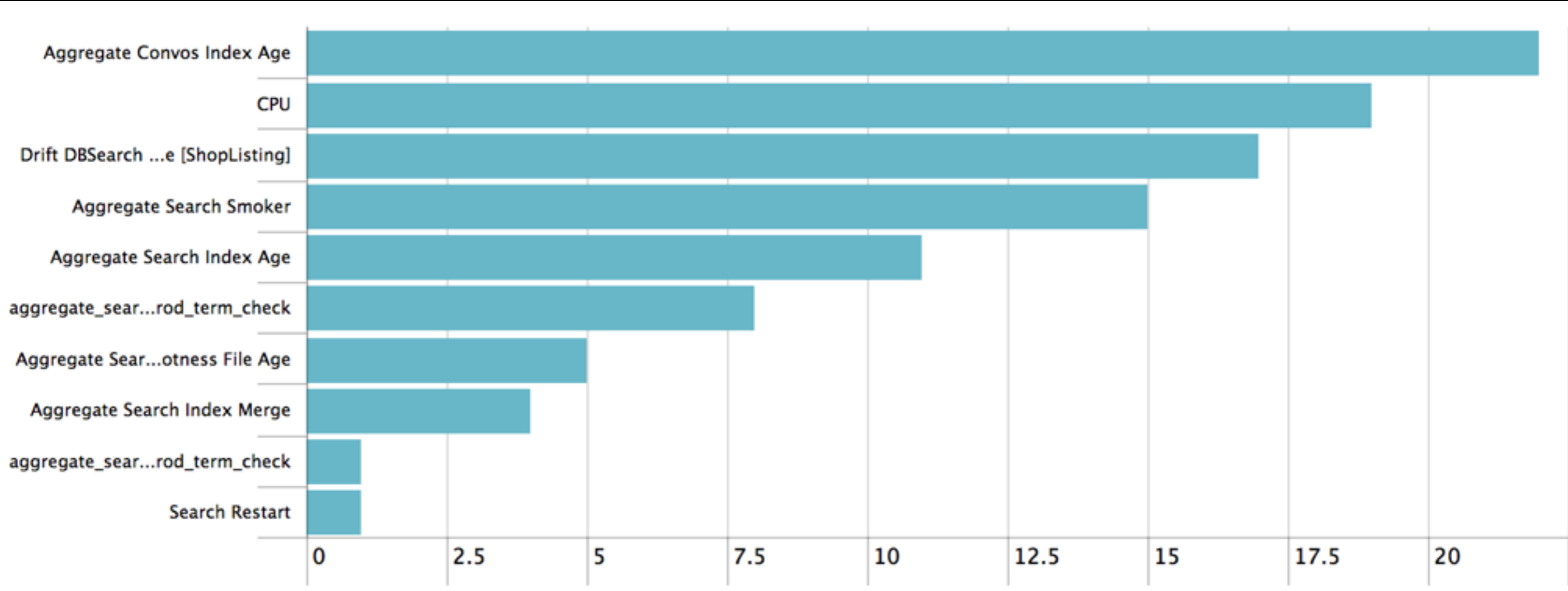


<http://www.flickr.com/photos/27376974@N02/8824043730>



“If it moves,
graph it!”

<http://www.flickr.com/photos/russss/2108719104/sizes/o/in/set-72157603450205027/>





Nagdash

OpsWeekly

<https://github.com/lozzd/Nagdash>

All hosts OK Total: **873** **5**

Known Problem Hosts: dn0039.doop.ny4 **NY4** (disabled - 2 months) • dn0118.doop.ny4 **NY4** (ack - 42 days) • dn0187.doop.ny4 **NY4** (ack - 3 days) • mgmt-sl03.ny4 **NY4** (ack - 2 months) • qa-web01.ny4dev **NY4** (ack - 6 months) Total: **7767** **19** **12**

Service problems

Hostname	Service	State	Duration	Attempt
backup01.sv5 OK	Filesystem read-write	CRITICAL (soft)	1 minute	1/3
bi02.ny4 NY4	Postgres Replication to BI	CRITICAL	16 hours	2/2
localhost NY4	Failed mail ratio	WARNING	5 hours	3/3
webut003.ny4 NY4	HotelCA for personalization team	CRITICAL	11 days	1/1

Known Service Problems

Hostname	Service	State	Duration	Attempt
backup01.sv5 OK	Disk Space	CRITICAL (downtime)	2 days	3/3
backup01.sv5 OK	Postgres backups	CRITICAL (downtime)	21 days	3/3
backup02.sv5 OK	Disk Space	CRITICAL (downtime)	2 days	3/3
bi02.ny4 NY4	Postgres Replication to BI Critical	CRITICAL (ack)	2 hours	1/1
buildtest11.ny4dev NY4	Disk Space	CRITICAL (ack)	13 days	3/3
cmaster02.ny4dev NY4	Jenkins - Time Since Last Chef Job	CRITICAL (ack)	34 days	4/4
cmaster02.ny4dev NY4	Jenkins - Time Since Last Chef-Cent6 Job	CRITICAL (ack)	32 days	4/4
devrn01.doop.ny4dev NY4	HDFS Space	WARNING (ack)	12 days	3/3
file01.ny4 NY4	Volume /vol/iam_10m/	CRITICAL (disabled)	2 months	3/3
file01.ny4 NY4	Volume /vol/il_290m/	WARNING (disabled)	38 days	3/3
file01.ny4 NY4	Volume /vol/il_310m/	WARNING (disabled)	27 days	3/3
file01.ny4 NY4	Volume /vol/il_330m/	WARNING (disabled)		

Week Stats

for week Friday 30th August 2013 - Friday 6th September 2013

53 notifications received this week

Alert Status Distribution

Breakdown of the type of notifications received during the week



CRITICAL 28 (52.83%)

DOWN 4 (7.55%)

WARNING 8 (15.09%)

UNKNOWN 13 (24.53%)

Tag Status Summary

Breakdown of the tags applied to the notifications received during the week

N/A	5 (9.43%)
No action taken: Check is faulty/requires modification	27 (50.94%)
Untagged	1 (1.89%)
Action taken: Service Issue (View clean)	15 (28.3%)
No action taken: Work ongoing, downtime not set	5 (9.43%)

Alert fatigue



<http://www.flickr.com/photos/kentbrew/257897489>

Sleep is good!



http://www.flickr.com/photos/phae_/8241147038/sizes/o/in/photostream/



You slept

9h 49m

Sleep goal

122%



Light sleep

6h 3m



Deep sleep

3h 46m



Fell asleep in

12m



In bed for

10h 15m



Awake for

26m

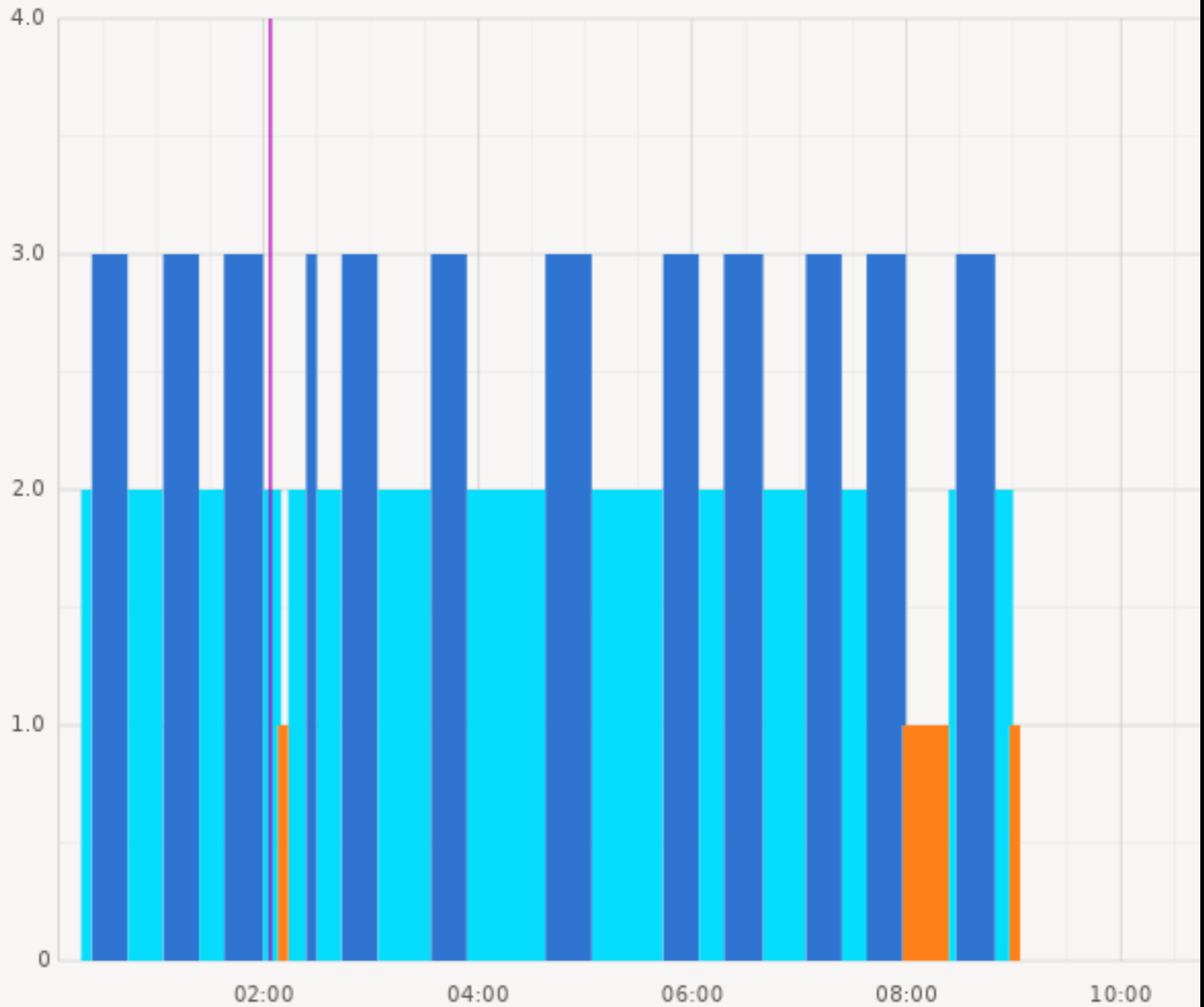


Woke up

1times

Sleep Detail

Awake · Deep Sleep · Light Sleep · Host: Down · Service: Critical · Service: Warning



<http://codeascraft.com/2013/09/28/nagios-sleep-data-and-you/>



<http://www.flickr.com/photos/piper/5543098291/>

Questions?