

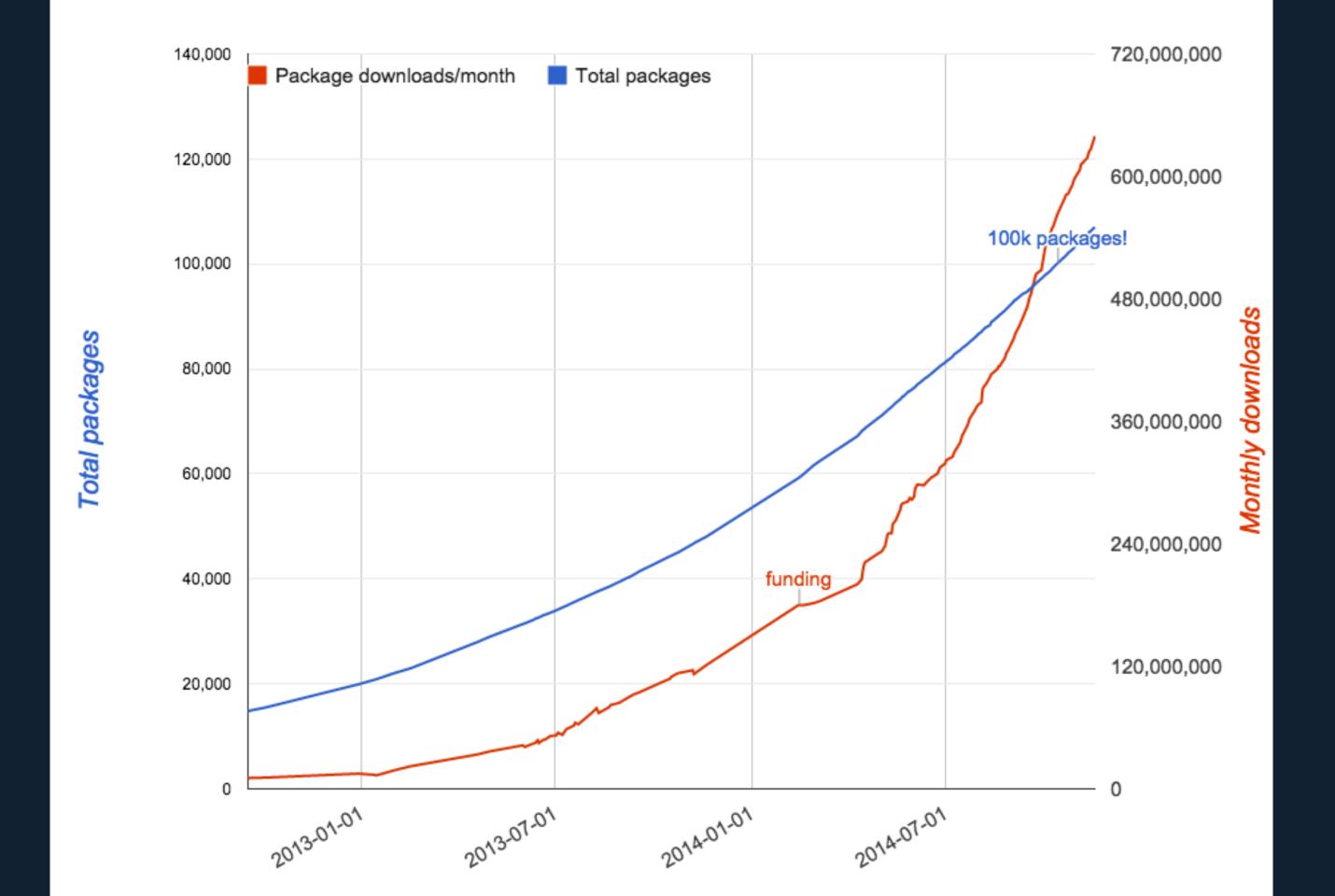


# CJSILVERIO DEVOPS AT NPMJS.COM COCEEJBOT

### LESSINS LEARNED GENERALIZATIONS



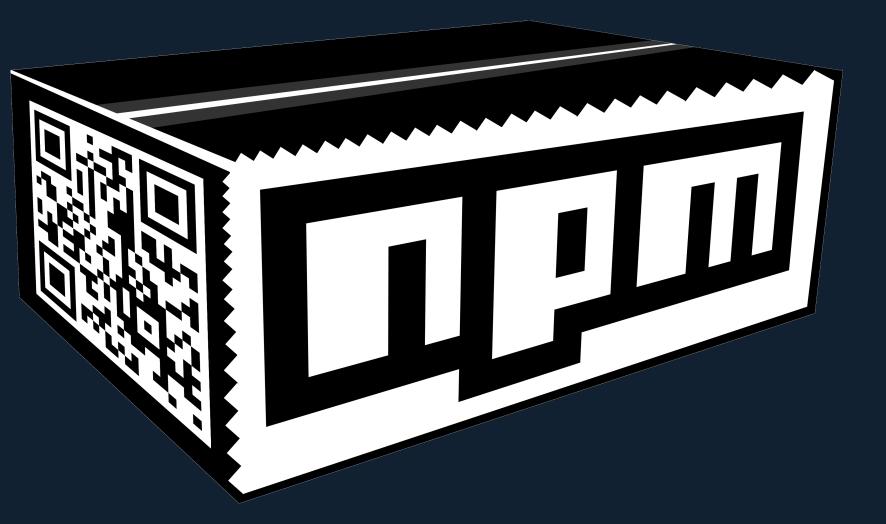
## JACOUES MARNEWECK



## JANUARY 2013 20K PAGKAGES 5 MILLION DLS/DAY

## 50KPAGES 8 MILLION DLS/DAY

## > 100K PACKAGES 28 MILLION DLS/DAY PEAK

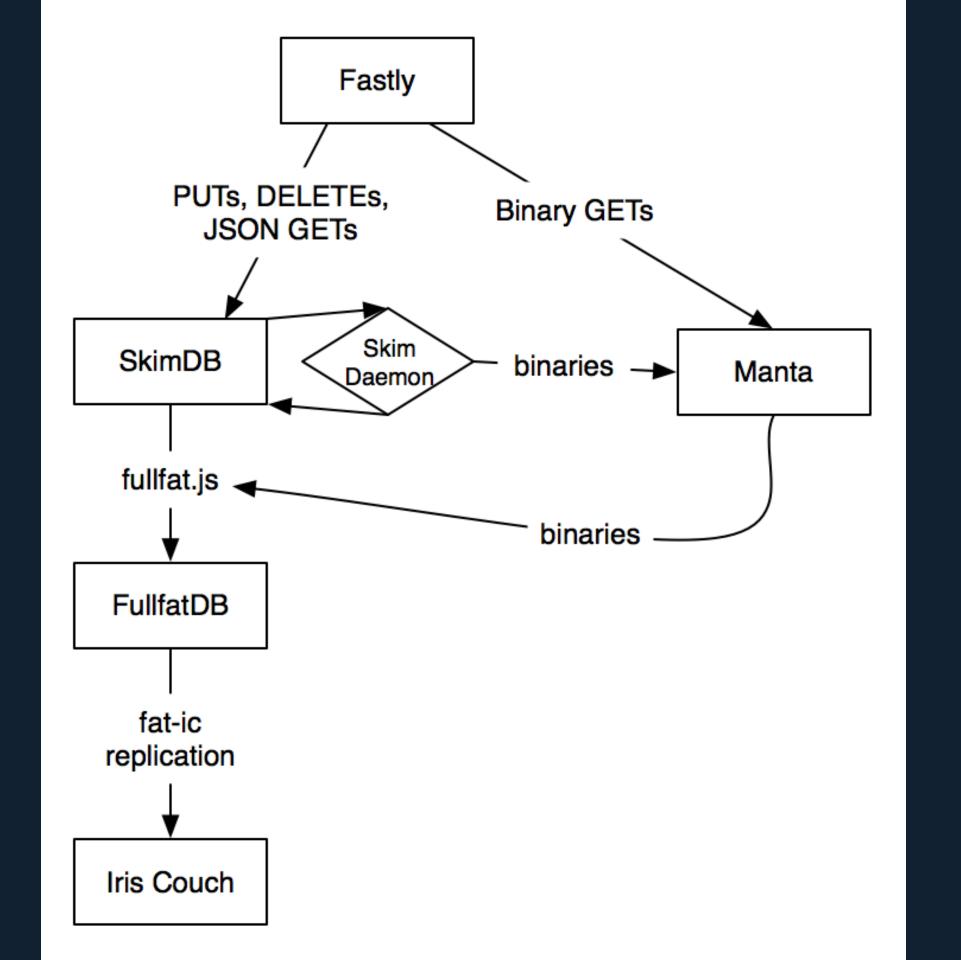


# SIDE PROJECT 100% COUCHDB DONATED HOSTING IRISCOUCH 6



# GENERAL LESSON #1 PUT A CACHE ON IT

### RE-ARCHITECTURE 1 MOVETARBALLSOUT OF POOR GOUGHDB



# TEM FEBRUARY 2014 COMPANY FOUNDED

# HOSTED ON JOYENT/SMARTOS HAND-BUILT COUCHDB + SPIDERMONKEY BASH SCRIPTS TO DEPLOY

# TWITTER TELLS US WHEN WE'RE DOWN

# RE-ARCHITECTURE 2 MANY COUCHDBS

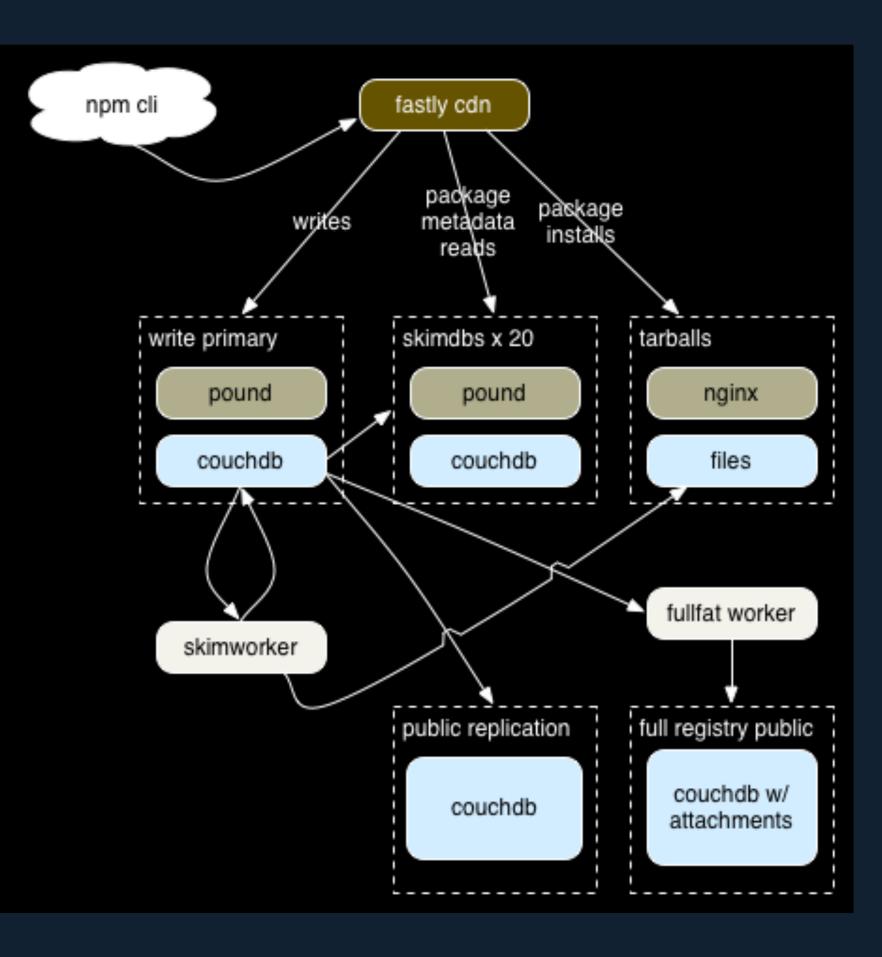
## GENERAL LESSON #2 UNDERSTAND YOUR DB DEEPLY

# 

### GENERAL LESSON #3 ADD MORITORING AFTER ENERY OUTAGE

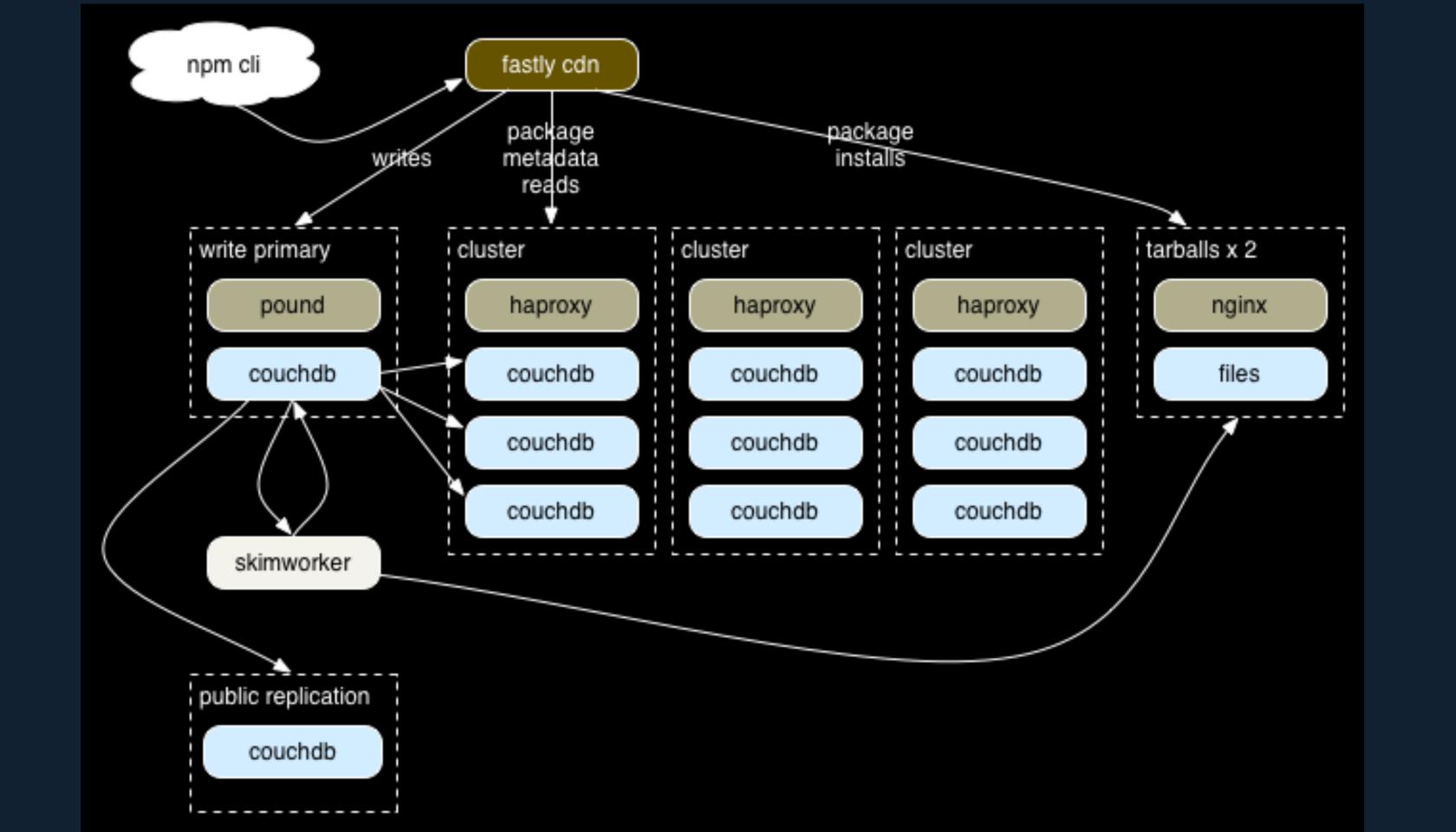
## Le REAGIIVE MONITORIDEEPIN FIX THINGS OUICKLY

### 2: PROAGIIVE SELF-HEALING MONITORING (ALSO THINGS DON'T BREAK)



### JUNE 2014 SUPERFICIALLY SIMILAR.

### AWS / UBUNTU 70/30 WEST/EAST SPLIT 52 RUNNING INSTANCES, VARIABLE



# 50/50 AWS REGION SPLIT HAPROXY TO LOAD BALANCE NO AWS-SPECIFIC MAGIC

# FASTLY: GEOLOC + CACHE HAPROXY / COUCHDB NGINX + A FILESYSTEM

### BEHIND THE SCENES ANSIBLE / NAGIOS INFLUXDB+GRAFANA

# GENERAL LESSON #44 FOR EVERYTHING

### MEMORY & CPUUSE RECUESTIATENGY EVENT GOUNTS

# HETRIGS ===

# METRICS DRIVE MONITORING

# GENERAL LESSON #5 AUTOMATE

## NO SPECIAL SNOWFLAKES EVERY INSTANCE CAN BE REPLACED

# GENERALIESSIN #6 THE GUALISIO BE

# IFOPERATIONS ARE YOU CAN DO THE DEV

## GOAL: TO BE THE MOST BORING PART OF YOUR NODE EXPERIENCE

# NPM GLIENT <3 npm install -g npm@latest

## HPM LOVES YOU