DEVOPS: WHAT'S NEXT?

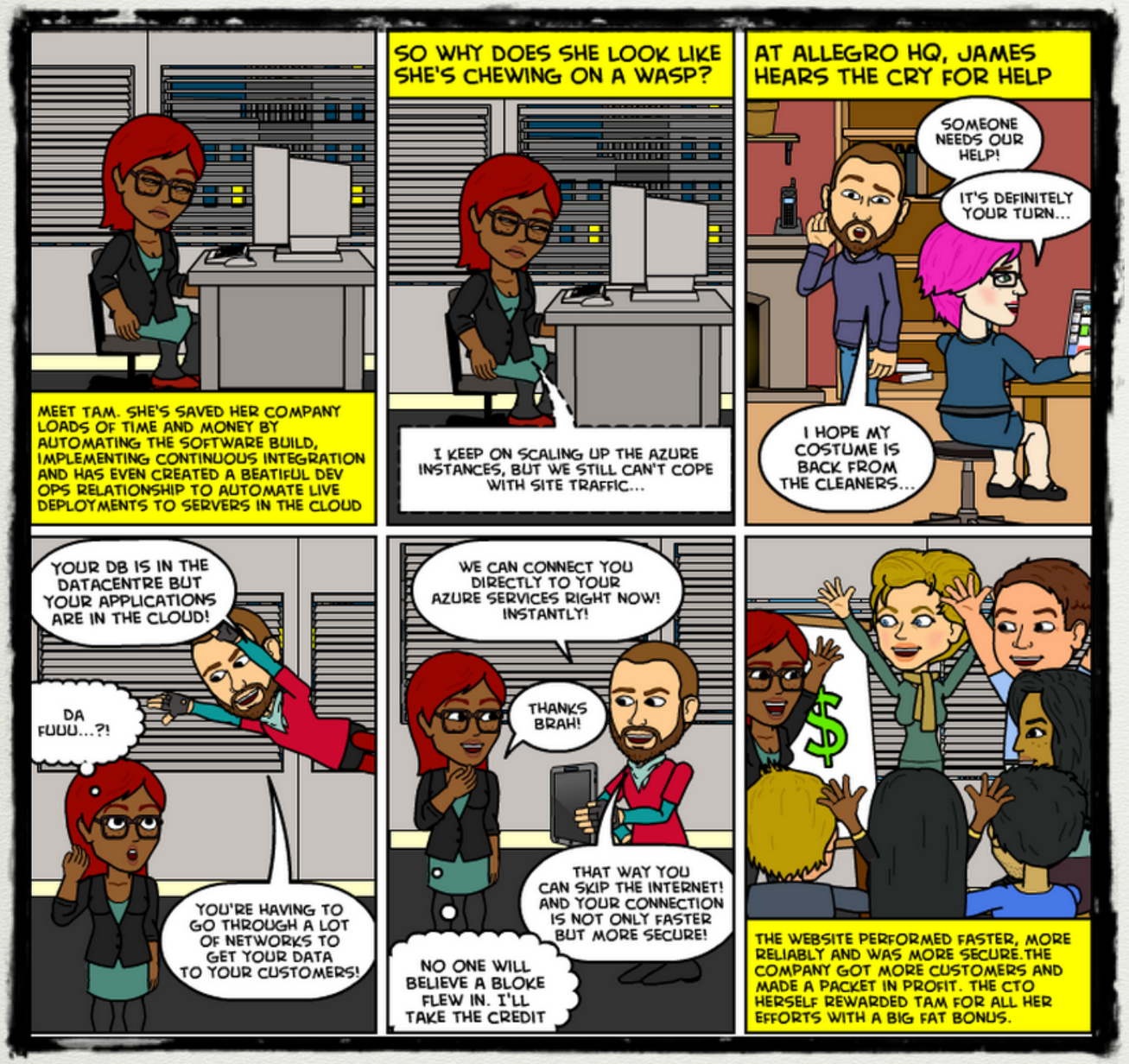
@ruby_gem

@ruby_gem

- software dev at Allegro Networks / IIX
- event organiser
- skater
- ferret wrangler
- biggest single purchaser of Fudge Raspberry Beret

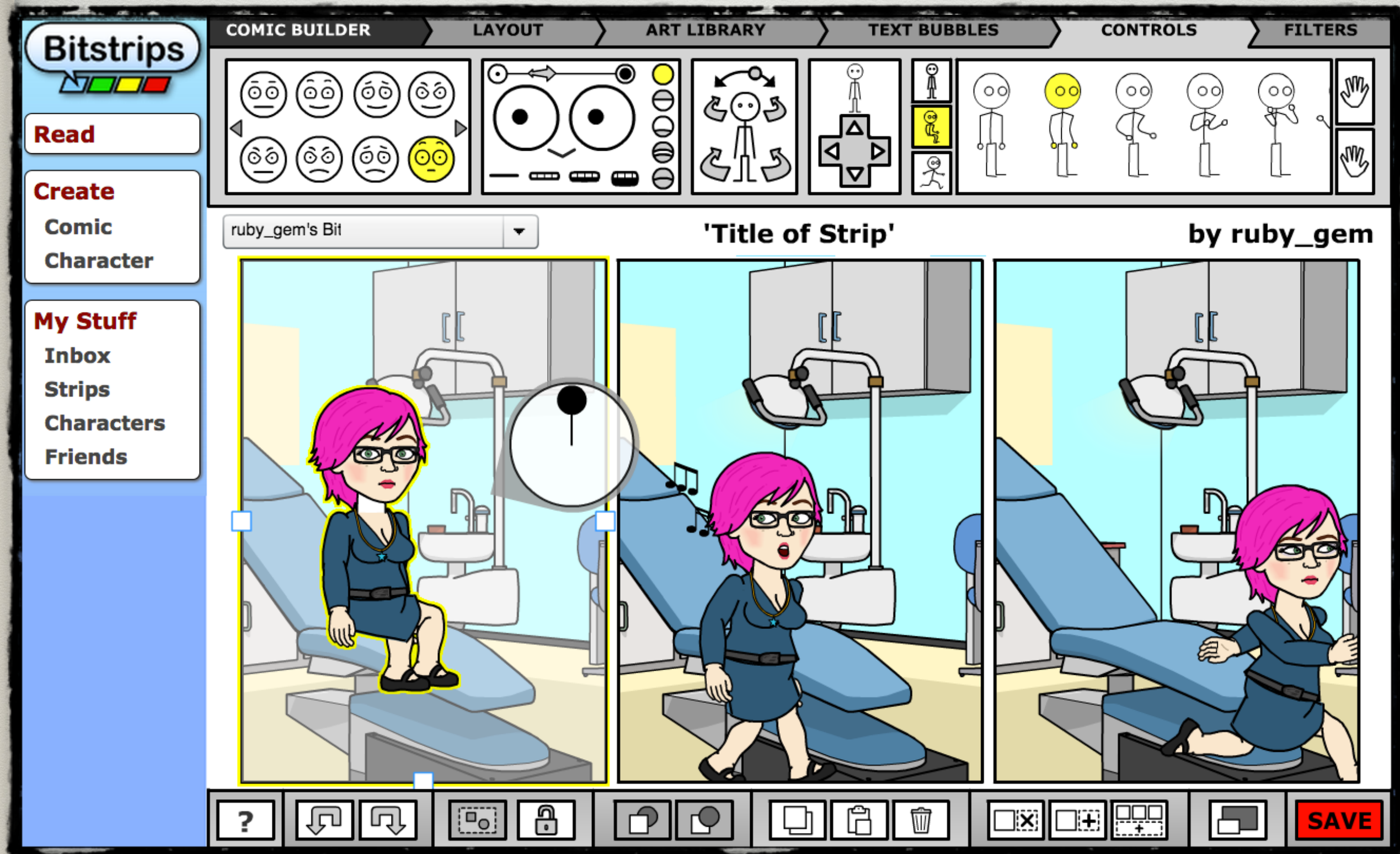
BOGOF!

two talks for the
price of one!



“a picture paints a thousand words”

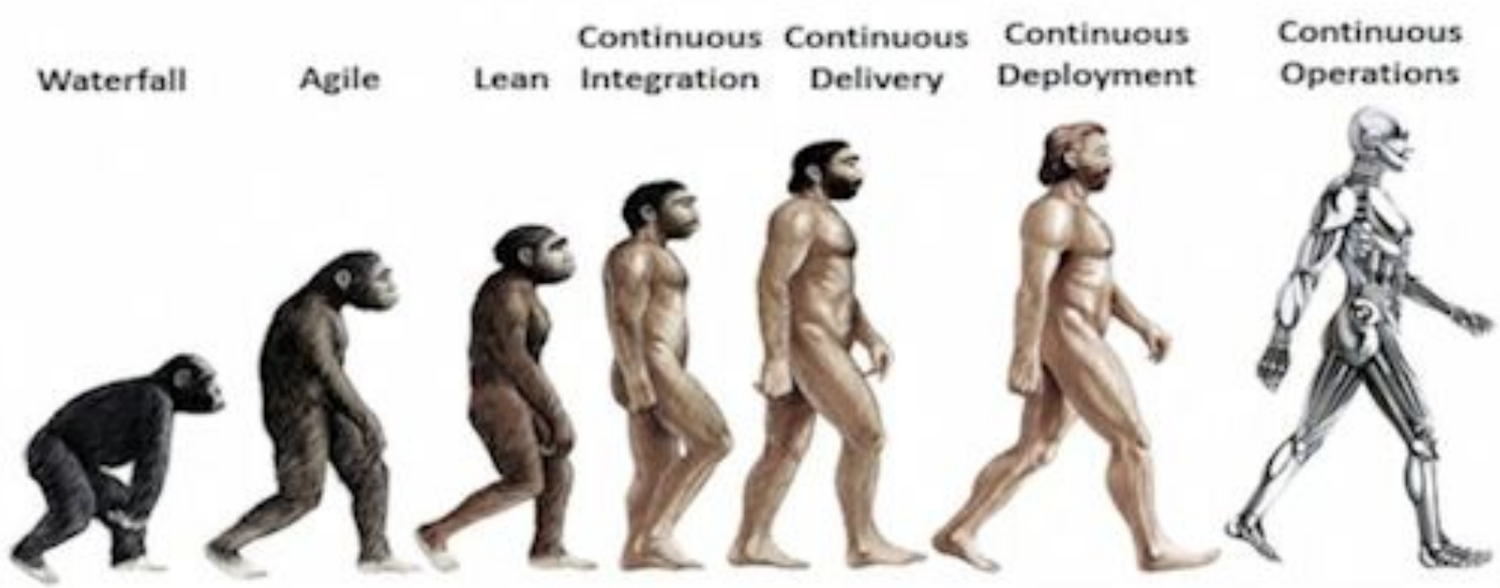
spoiler alert!!!!

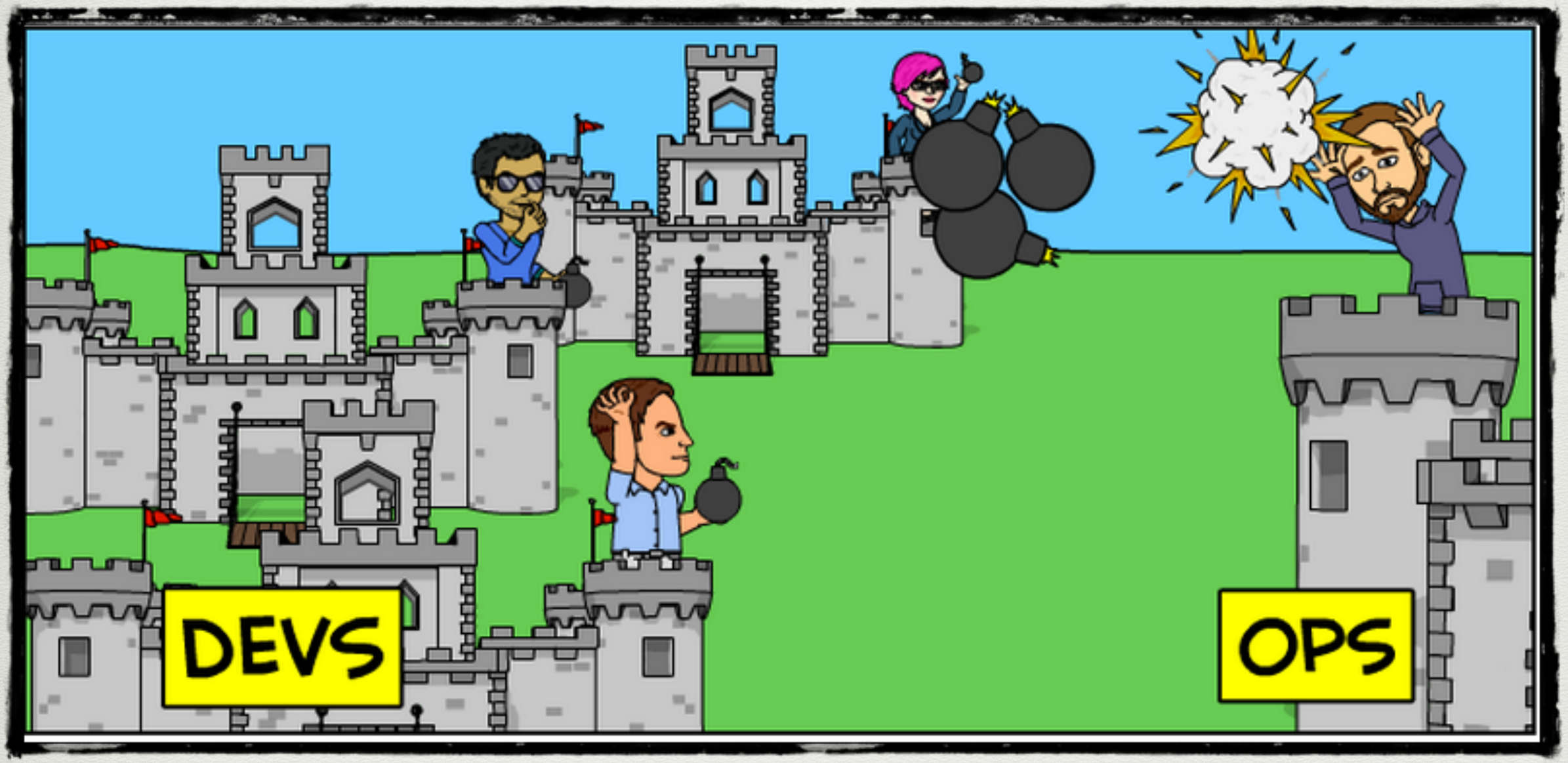


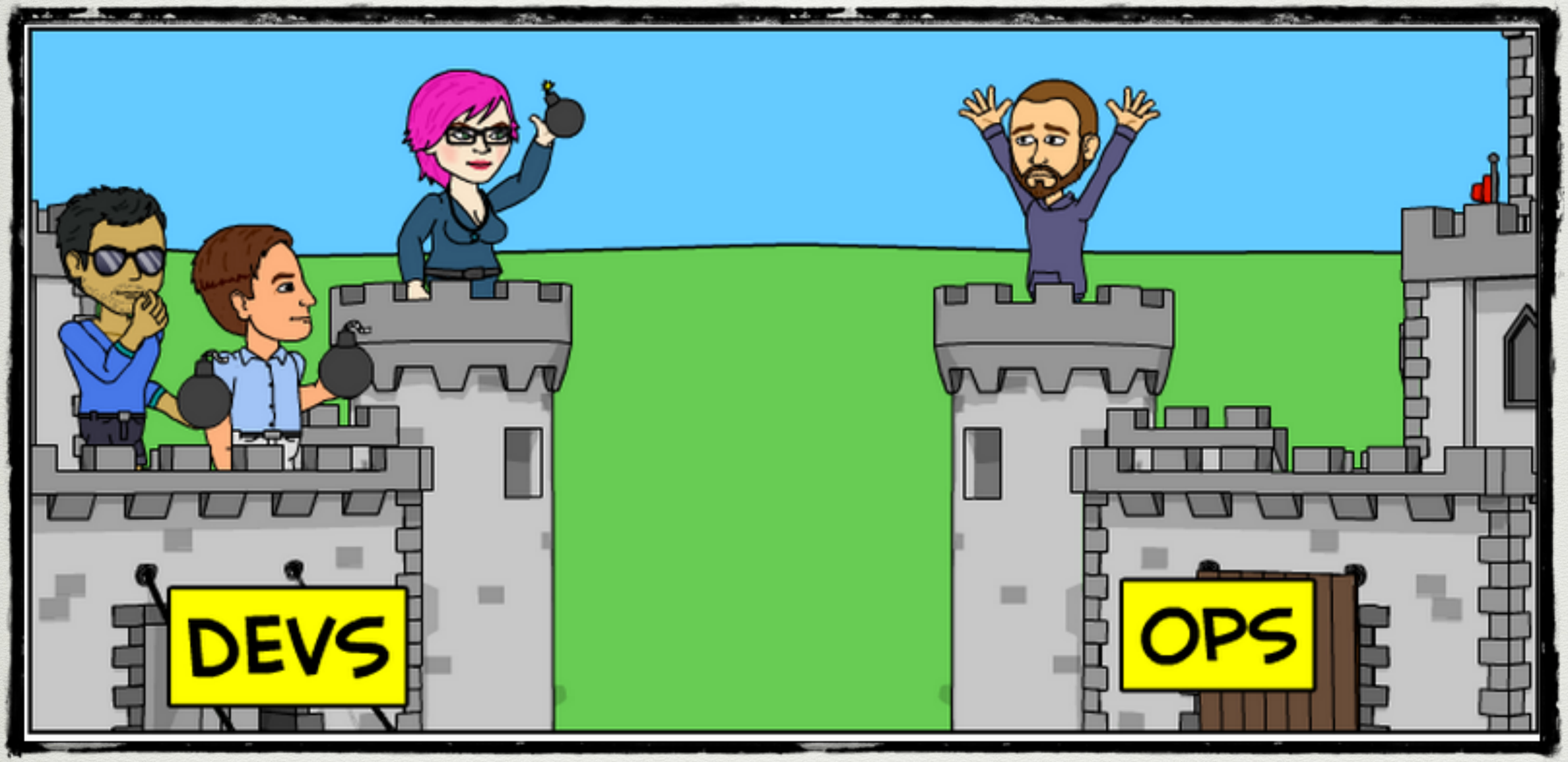
bitstrips.com

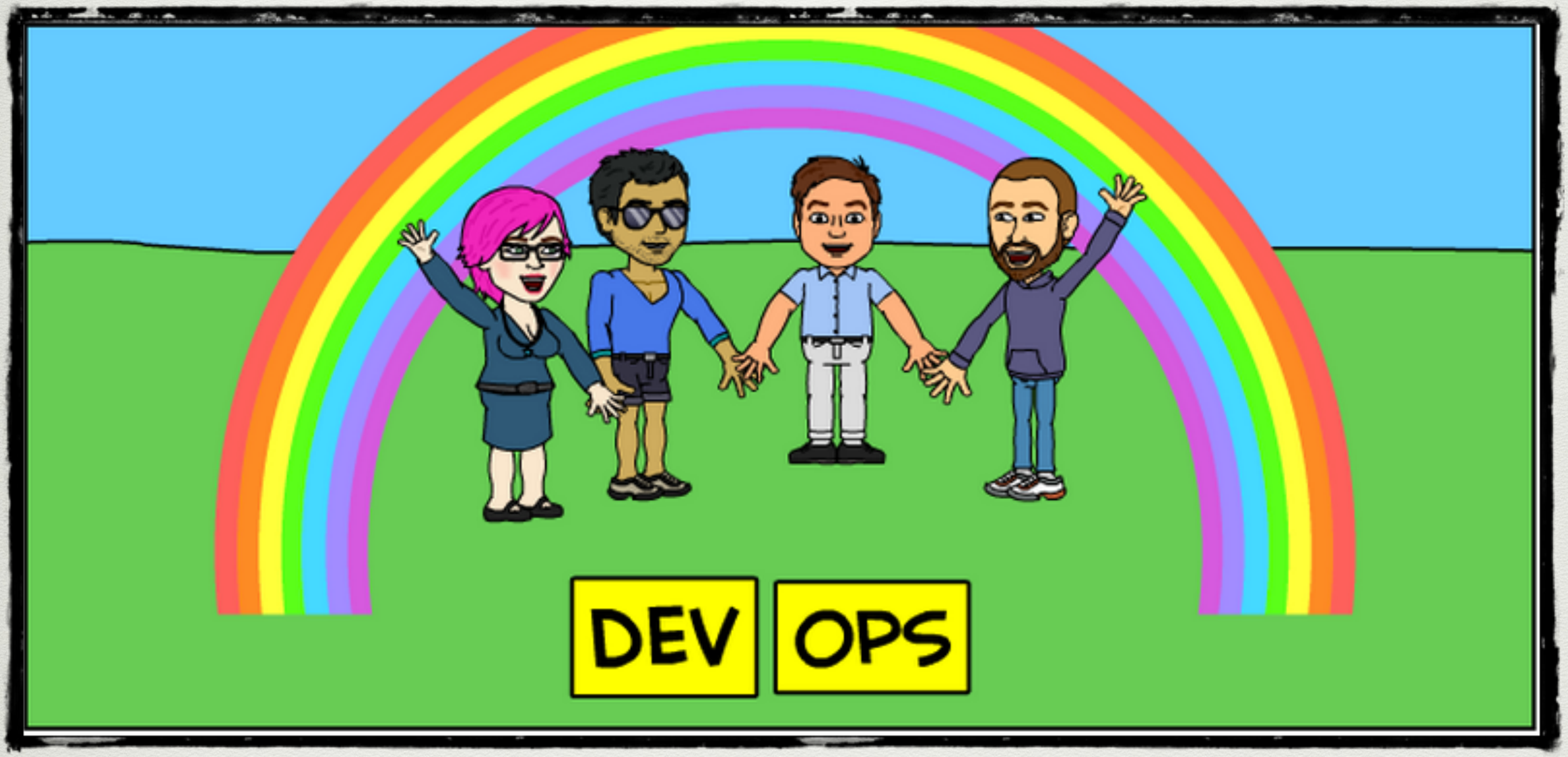
WORKED FINE IN DEV
OPS PROBLEM NOW
memegen.com

DevOps Movement




DEVS
OPS


DEVS
OPS


DEV
OPS

CEO - Application Managem

localhost:8000/en-US/app/appmgmt/ceo

splunk> Application Management v2.0

Administrator | App | Manager | Alerts | Jobs | Logout

About | IT Operations | Executive Dashboards | Reports | Help | About

CEO | Actions

RT Transaction Volume

real-time

Real-time transaction volume across all tiers.

18

RT Shopping Cart Value

real-time

Real-time average shopping cart values.

$118.00

RT Visitor Count

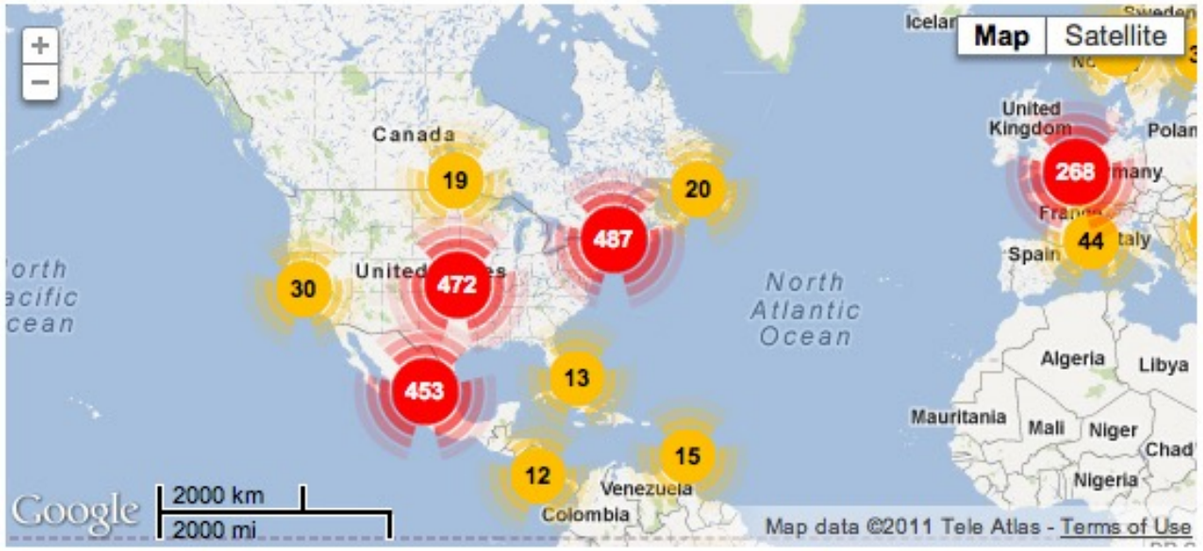
real-time

Real-time concurrent users browsing website.

60

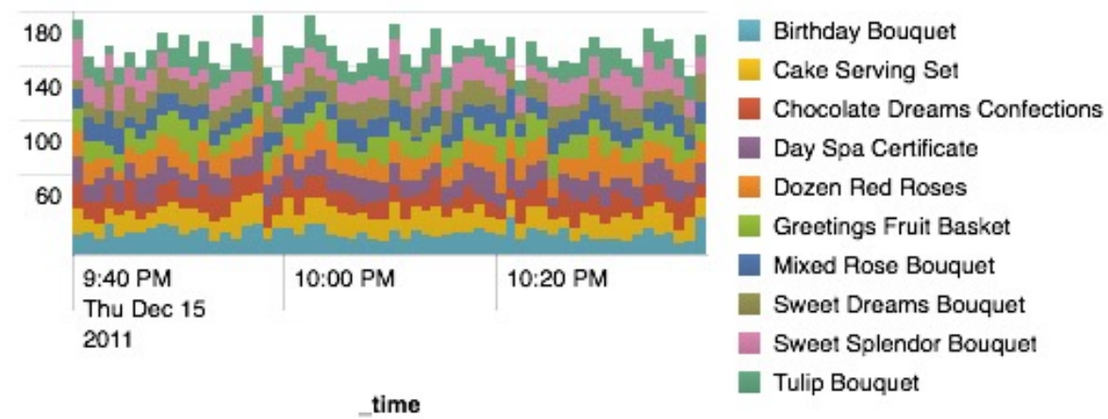
Visitor Location

3m ago



Top Items Sold

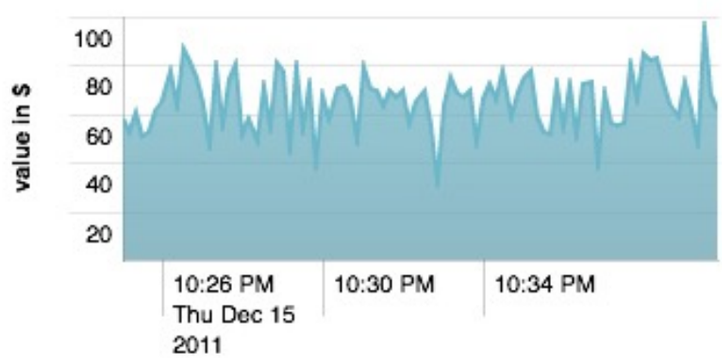
5m ago



Abandoned Baskets

5m ago

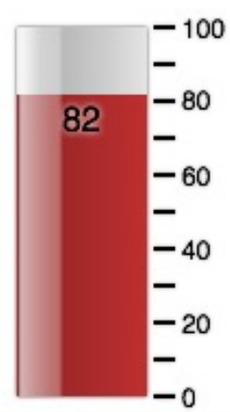
Average value of abandoned shopping carts on website via logout or expired sessions over the last 60 minutes.



% Coupon Usage

real-time

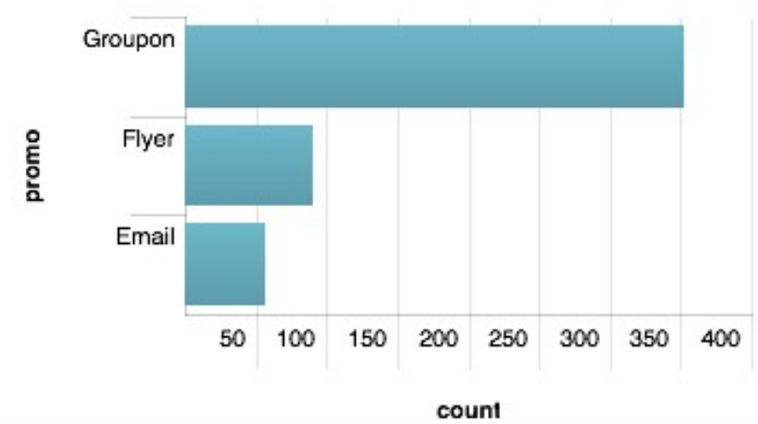
Real-time percentage of shoppers using coupons vs paying full price.

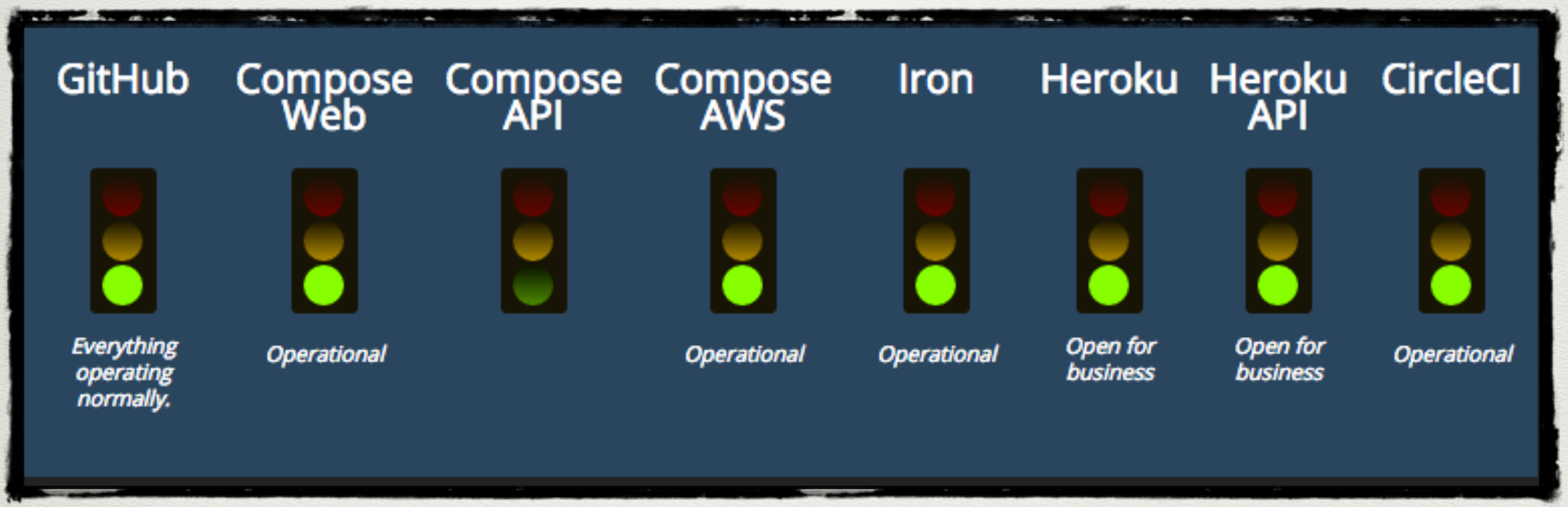


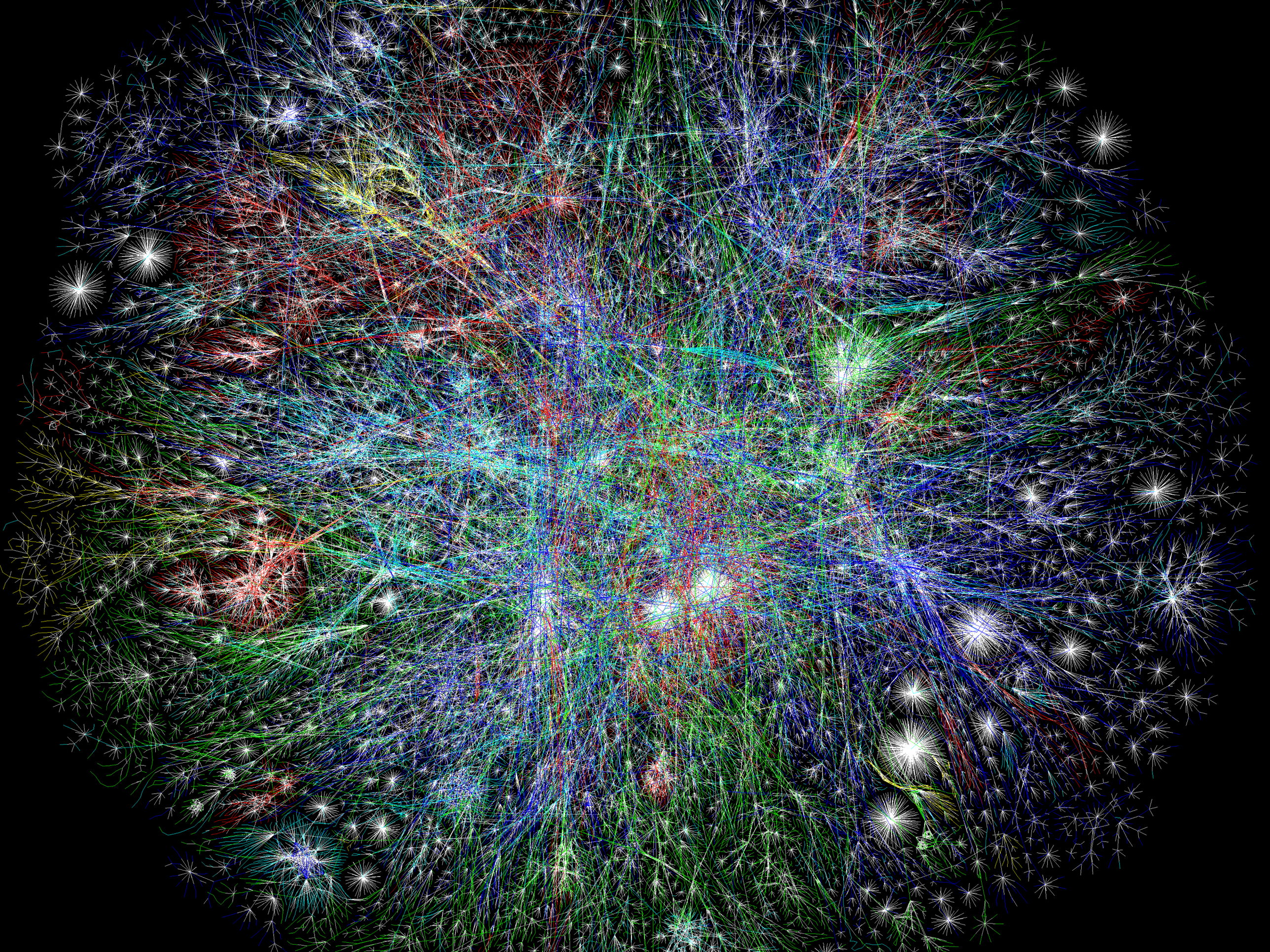
Top Promotions

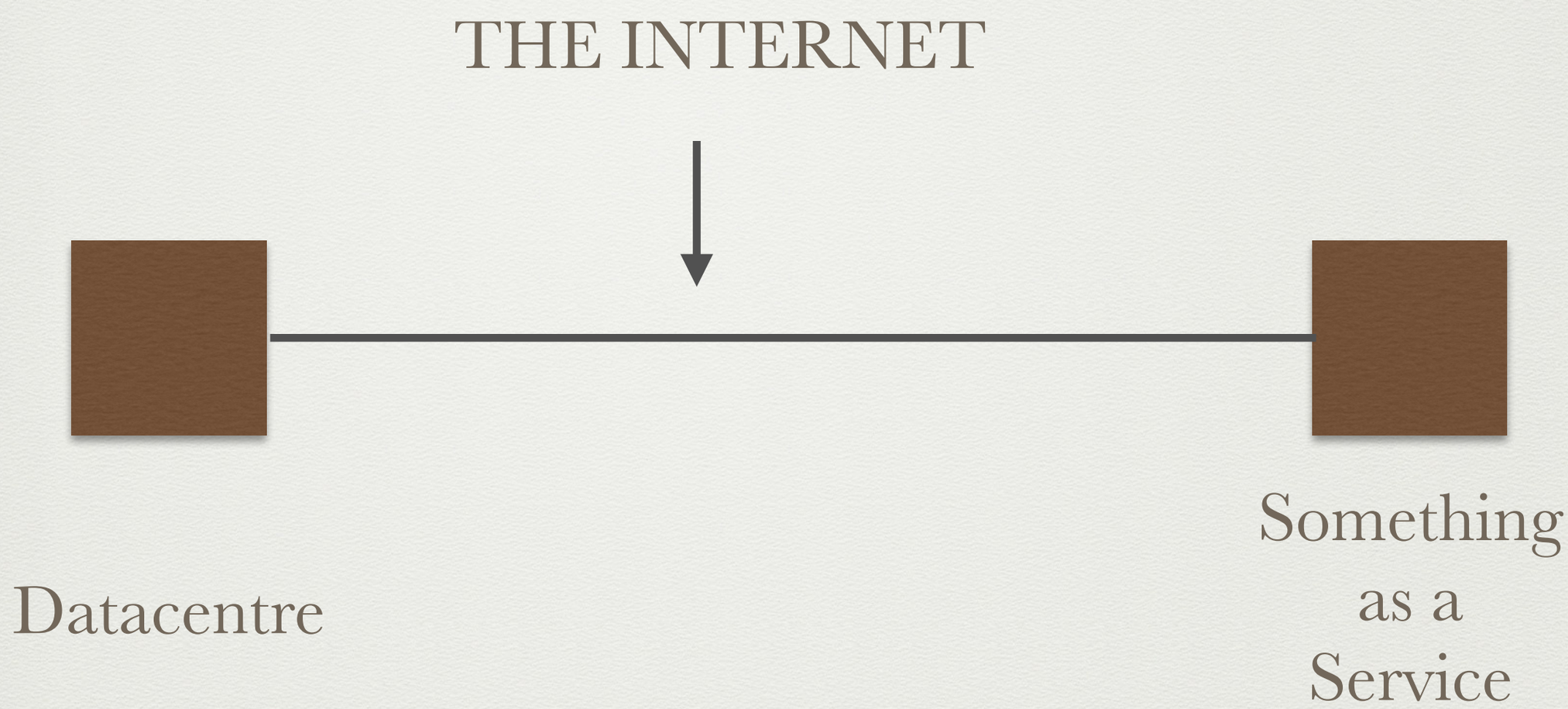
3m ago

Promotional program popularity over the past 24 hours.




GitHub
Everything operating normally.
Compose Web
Operational
Compose API
Compose AWS
Operational
Iron
Operational
Heroku
Open for business
Heroku API
Open for business
CircleCI
Operational




THE INTERNET
Datacentre
Something as a Service

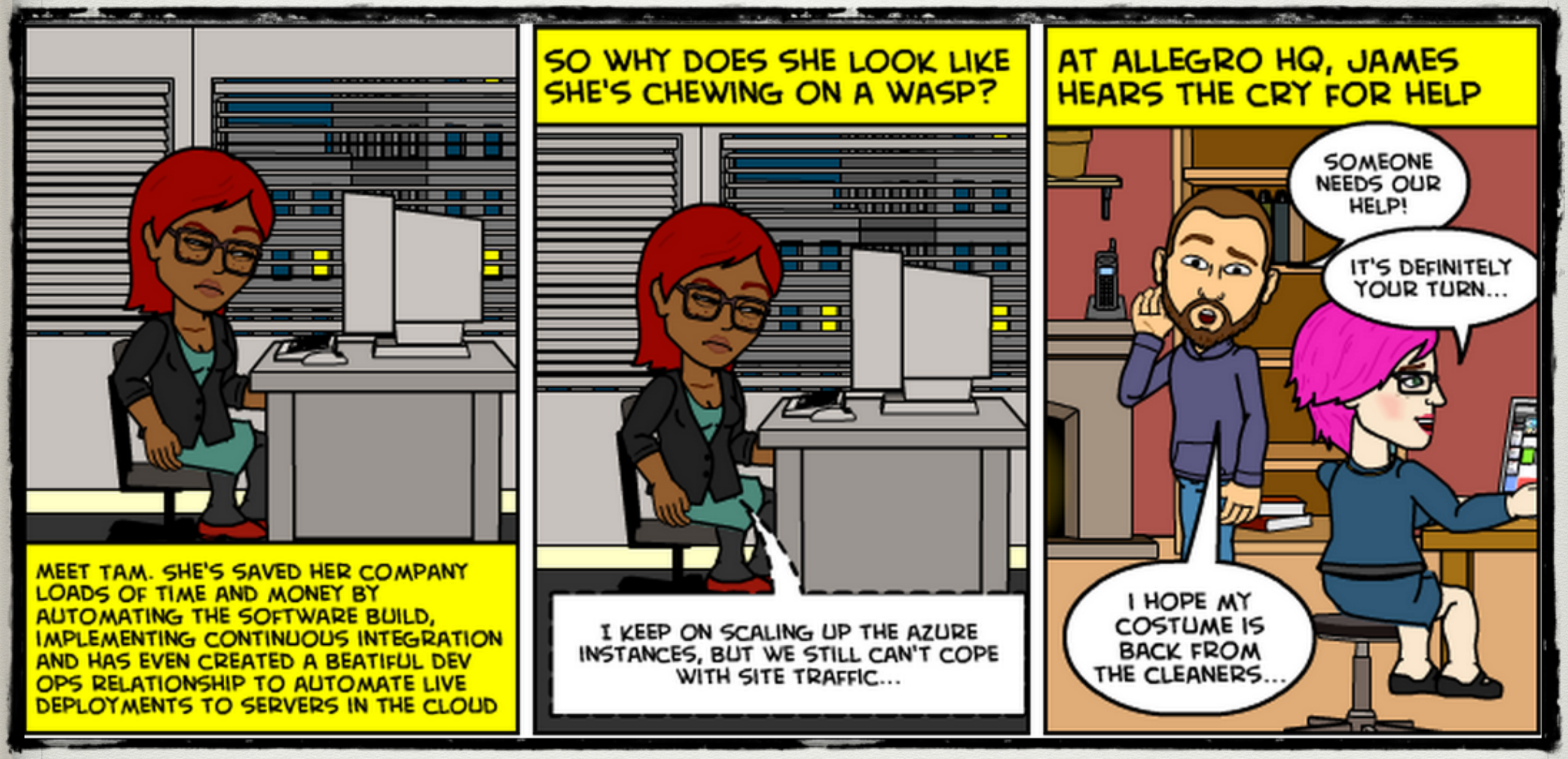
root@zver:~

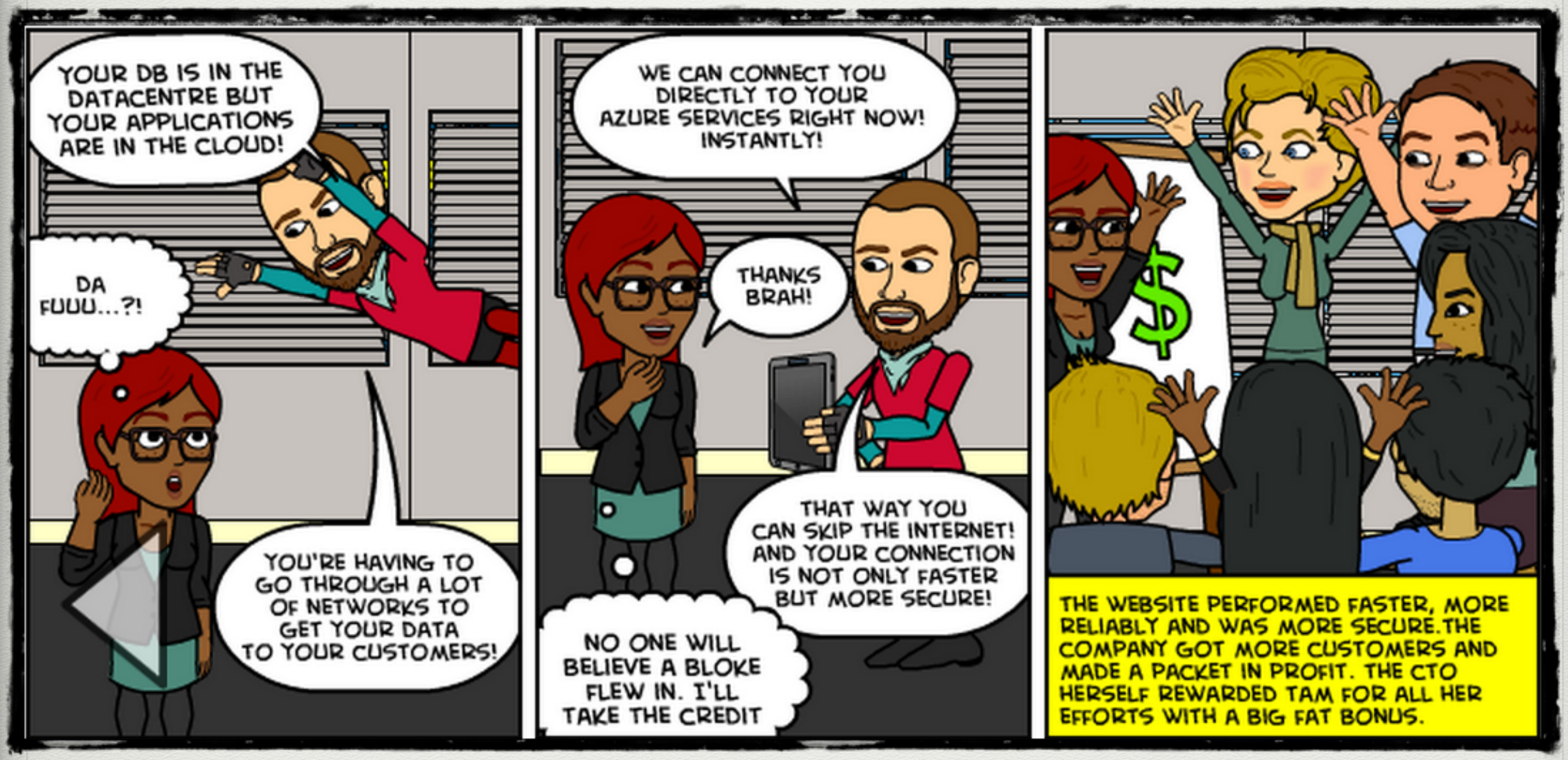
File Edit View Preferences Tabs Help

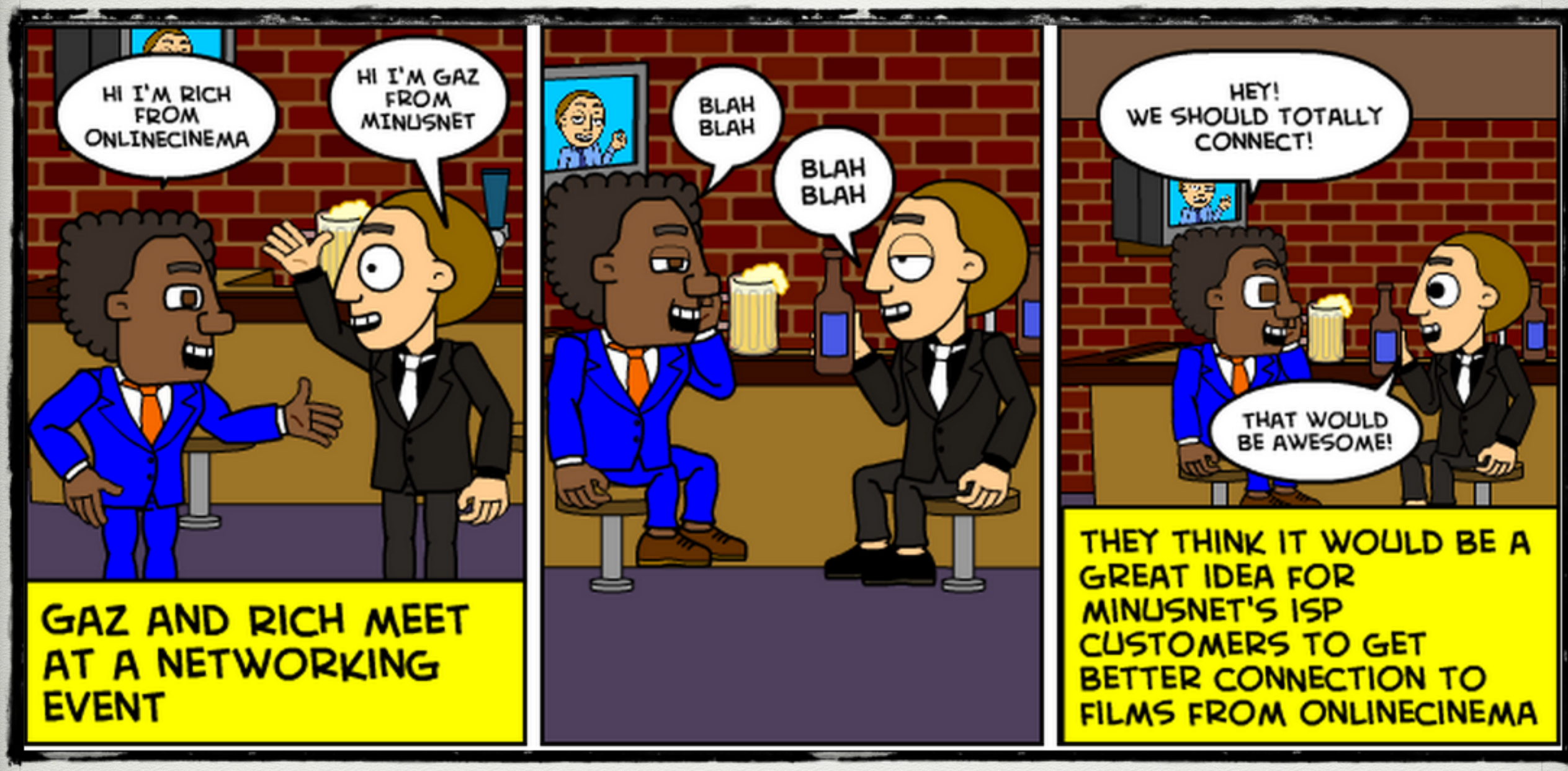
root@zver:~

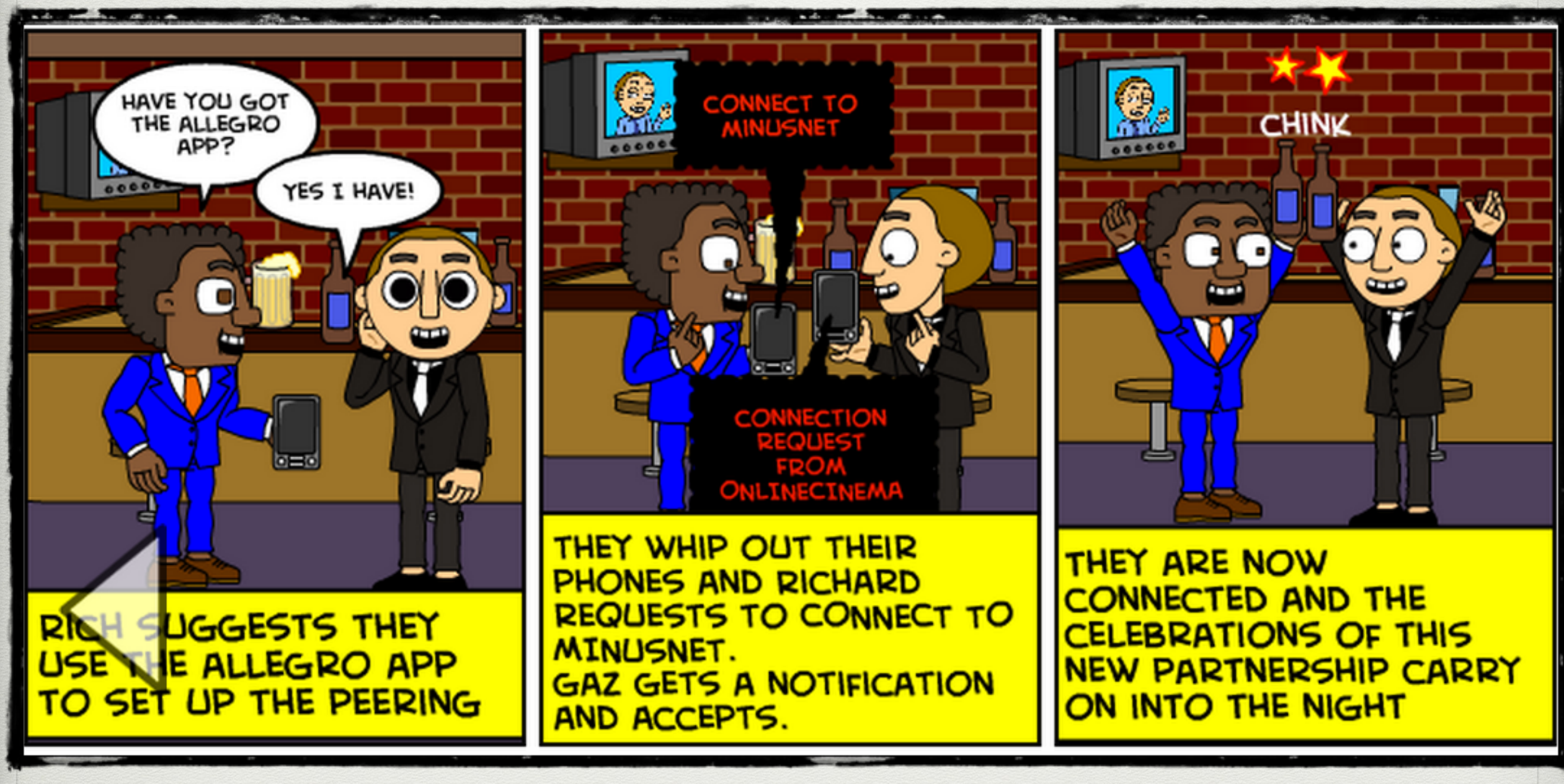
```
[root@zver ~]# traceroute -n site5.com
traceroute to site5.com (184.172.56.240), 30 hops max, 60 byte packets
 1  192.168.1.1  4.012 ms  4.678 ms  5.590 ms
 2  * * *
 3  172.29.16.137  26.435 ms  26.662 ms  28.190 ms
 4  195.29.110.34  29.577 ms  31.213 ms  32.736 ms
 5  80.81.194.167  58.679 ms  67.820 ms  68.778 ms
 6  50.97.18.208  71.253 ms  73.048 ms  69.892 ms
 7  50.97.18.204  150.338 ms  132.905 ms  134.603 ms
 8  173.192.18.132  153.851 ms  156.985 ms  156.114 ms
 9  173.192.18.136  170.291 ms  171.987 ms  169.302 ms
10  173.192.18.215  169.441 ms 50.97.18.193  170.801 ms 173.192.18.215  168.683 ms
11  173.192.118.133  180.068 ms  175.003 ms  180.948 ms
12  184.172.56.240  169.775 ms  169.860 ms  170.527 ms
[root@zver ~]#
```

hello **#netops**


MEET TAM. SHE'S SAVED HER COMPANY LOADS OF TIME AND MONEY BY AUTOMATING THE SOFTWARE BUILD, IMPLEMENTING CONTINUOUS INTEGRATION AND HAS EVEN CREATED A BEATIFUL DEV OPS RELATIONSHIP TO AUTOMATE LIVE DEPLOYMENTS TO SERVERS IN THE CLOUD
SO WHY DOES SHE LOOK LIKE SHE'S CHEWING ON A WASP?
I KEEP ON SCALING UP THE AZURE INSTANCES, BUT WE STILL CAN'T COPE WITH SITE TRAFFIC...
AT ALLEGRO HQ, JAMES HEARS THE CRY FOR HELP
SOMEONE NEEDS OUR HELP!
IT'S DEFINITELY YOUR TURN...
I HOPE MY COSTUME IS BACK FROM THE CLEANERS...


YOUR DB IS IN THE DATACENTRE BUT YOUR APPLICATIONS ARE IN THE CLOUD!
DA FUUU...?!
YOU'RE HAVING TO GO THROUGH A LOT OF NETWORKS TO GET YOUR DATA TO YOUR CUSTOMERS!
WE CAN CONNECT YOU DIRECTLY TO YOUR AZURE SERVICES RIGHT NOW! INSTANTLY!
THANKS BRAH!
THAT WAY YOU CAN SKIP THE INTERNET! AND YOUR CONNECTION IS NOT ONLY FASTER BUT MORE SECURE!
NO ONE WILL BELIEVE A BLOKE FLEW IN. I'LL TAKE THE CREDIT
THE WEBSITE PERFORMED FASTER, MORE RELIABLY AND WAS MORE SECURE.THE COMPANY GOT MORE CUSTOMERS AND MADE A PACKET IN PROFIT. THE CTO HERSELF REWARDED TAM FOR ALL HER EFFORTS WITH A BIG FAT BONUS.


HI I'M RICH FROM ONLINECINEMA
HI I'M GAZ FROM MINUSNET
GAZ AND RICH MEET AT A NETWORKING EVENT
BLAH BLAH
BLAH BLAH
HEY! WE SHOULD TOTALLY CONNECT!
THAT WOULD BE AWESOME!
THEY THINK IT WOULD BE A GREAT IDEA FOR MINUSNET'S ISP CUSTOMERS TO GET BETTER CONNECTION TO FILMS FROM ONLINECINEMA


HAVE YOU GOT THE ALLEGRO APP?
YES I HAVE!
RICH SUGGESTS THEY USE THE ALLEGRO APP TO SET UP THE PEERING
CONNECT TO MINUSNET
CONNECTION REQUEST FROM ONLINECINEMA
THEY WHIP OUT THEIR PHONES AND RICHARD REQUESTS TO CONNECT TO MINUSNET.
GAZ GETS A NOTIFICATION AND ACCEPTS.
CHINK
THEY ARE NOW CONNECTED AND THE CELEBRATIONS OF THIS NEW PARTNERSHIP CARRY ON INTO THE NIGHT

Microsoft Azure

SALES 0-800-098-8435 | MY ACCOUNT | PORTAL

Features Pricing Documentation Downloads Marketplace Blog Community Support

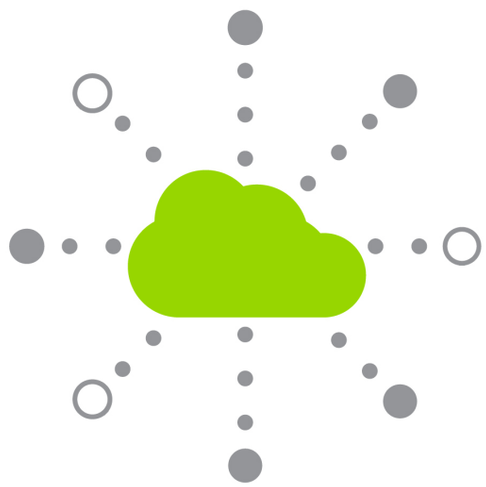
ExpressRoute

Experience a faster, private connection to Azure

- Private Connections to Azure
- Increased reliability and speed
- Lower latencies
- Higher security
- Significant cost benefits possible
- Directly connect from your WAN

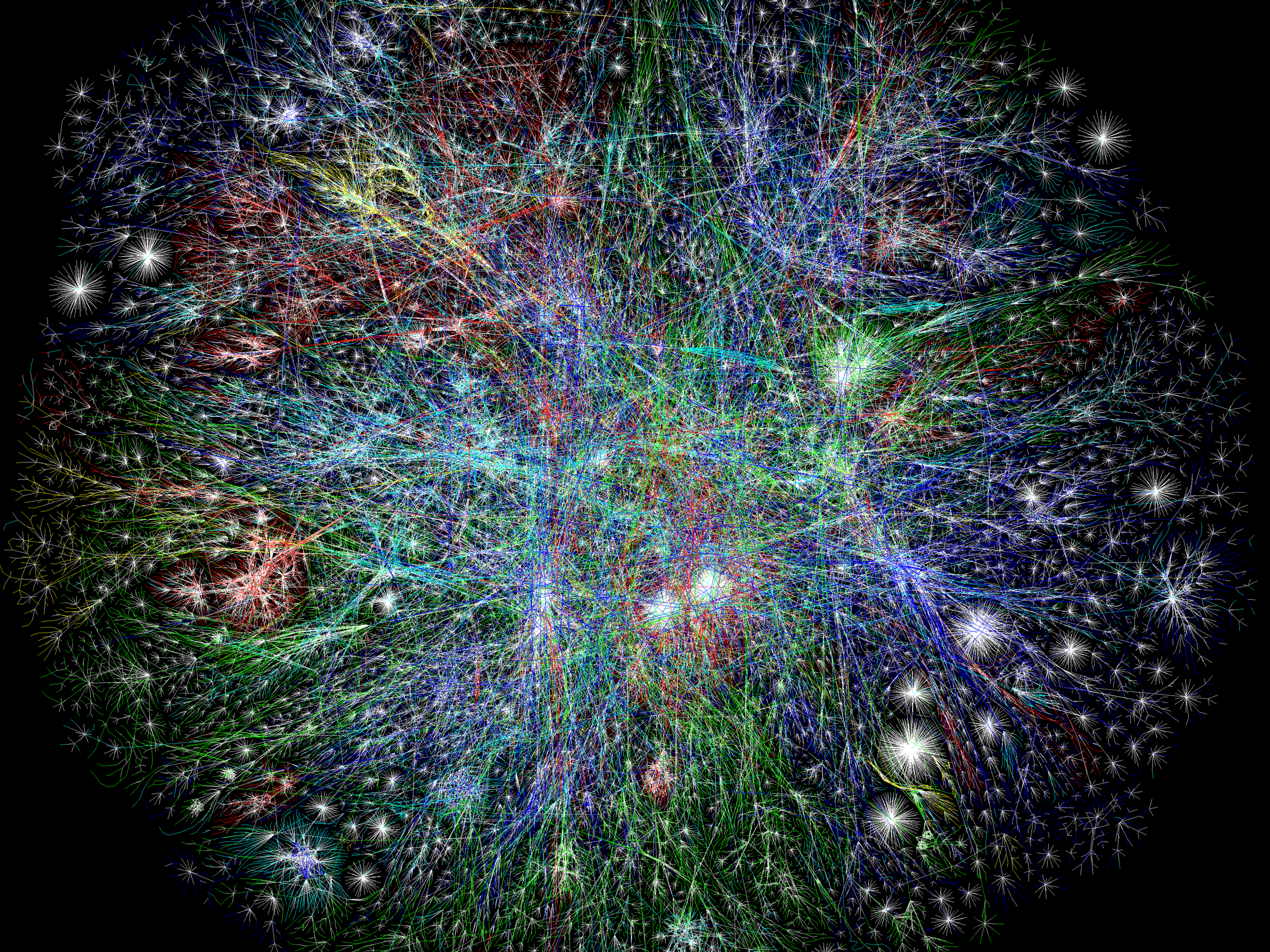
Request information

Pricing details ▸ Documentation ▸



CloudRouter®

cloudrouter.org



@ruby_gem

allegro.net

cloudrouter.org