What is the Google Cloud Platform?
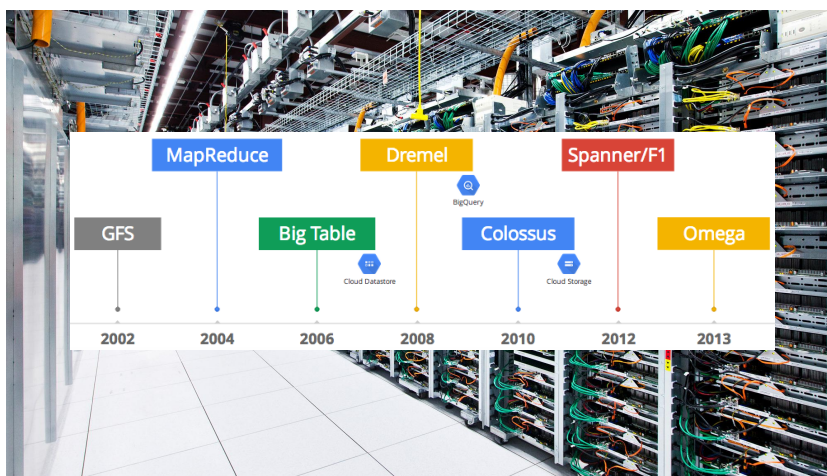## It loves Python… and vice versa

+Wesley Chun
Developer Advocate, Google
PyCon, Apr 2014, Montréal

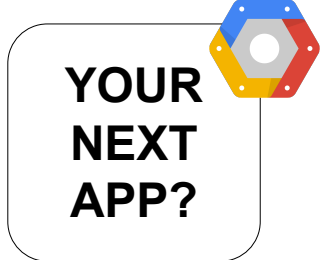# Continuous Innovation

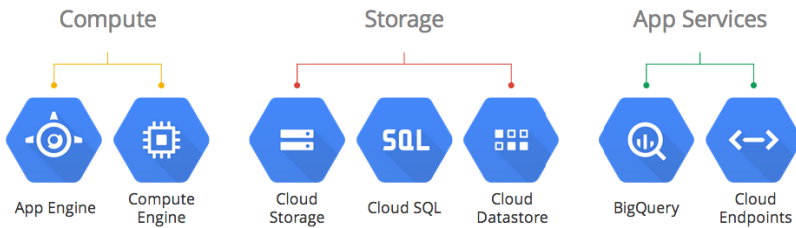| GFS	MapReduce	Big Table	Dremel / BigQuery	Colossus	Spanner/F1	Omega
		Cloud Datastore		Cloud Storage		

2002 2004 2006 2008 2010 2012 2013

Google Cloud Platform

Scale internalized

Harness it for YOUR app

YOUR NEXT APP?

What is the Google Cloud Platform?

Compute
App Engine   Compute Engine

Storage
Cloud Storage   Cloud SQL   Cloud Datastore

App Services
BigQuery   Cloud Endpoints

Google Cloud Platform

Compute

Compute Engine   App Engine

Google Cloud Platform

How big is **BIG**?

MAPR™ MinuteSort record

15 billion
x 100-byte records
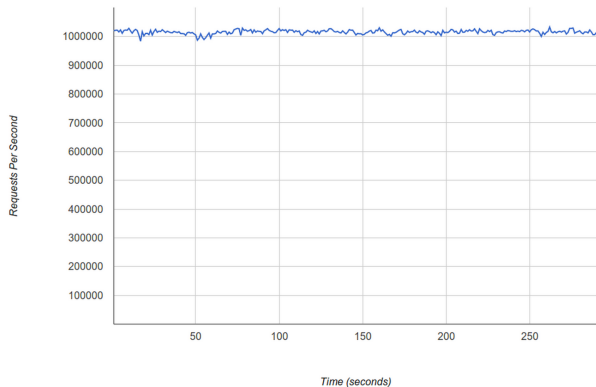_____
= 1.5TB of data

59s to sort!

Read more from MapR
goo.gl/GL7k1j

How busy is <u>busy</u>?!?

Curl_loader VMs generating load to Apache VMs
(64 x n1-standard-4 front-ends, 200 x n1-standard-1 back-ends, 1 netaddr for the LB)

Requests Per Second

Time (seconds)
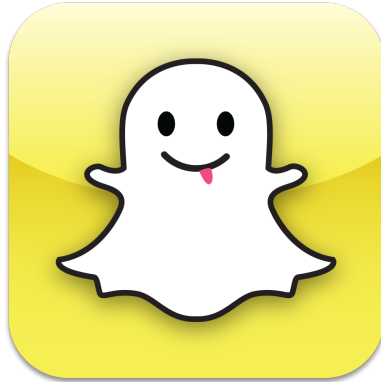
Read more at
goo.gl/pKzfTA

Google Cloud Platform

Compute

Compute
Engine

App Engine

Google Cloud Platform

Google Cloud Platform

Storage

Cloud Storage   Cloud SQL   Cloud Datastore

Google Cloud Platform

Storage

Cloud Storage   Cloud SQL   Cloud Datastore

Google Cloud Platform

Storage

Cloud Storage

Cloud SQL

Cloud Datastore

Google Cloud Platform

Application Services

BigQuery

Cloud Endpoints

Google Cloud Platform

Application Services

BigQuery
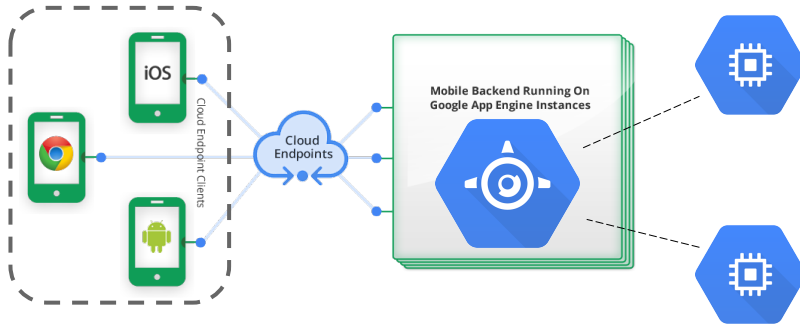
Cloud
Endpoints

Google Cloud Endpoints

Google Cloud Platform

Application Services

and Network

Cloud DNS

Google Cloud Platform

Make a splash like GetAround

Read more at
cloud.google.
com/files/get
around.pdf

Google Cloud Platform

Thank you! / Q&A / What's next?

+Wesley Chun
Developer Advocate, Google
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`@wescpy`

Get started on the Google Cloud Platform today! Enter promo code "dr-con" for $500USD in credits at `g.co/cloudstarterpack`

Rewatch this talk online at
`youtu.be/xuPKrjJ8Ijs`

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