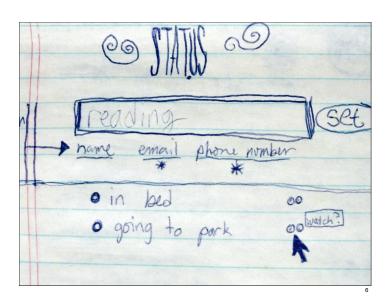


instantly connect **people everywhere** to what's most meaningful to them

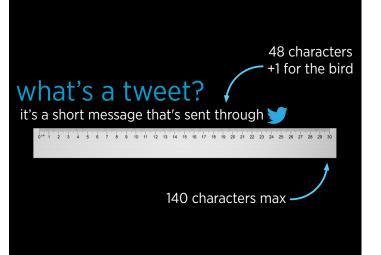


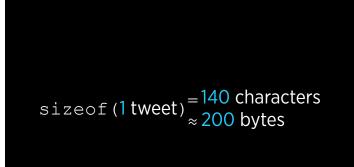
Magnitude	9.0
Date-Time	Friday, March 11, 2011 at 05:46:24 UTC Friday, March 11, 2011 at 02:46:24 PM at epicenter Time of Earthquake in other Time Zones
Location	38.297°N, 142.372°E
Depth	30 km (18.6 miles) set by location program
Region	NEAR THE EAST COAST OF HONSHU, JAPAN
<u>Distances</u>	129 km (80 miles) E of Sendai, Honshu, Japan 177 km (109 miles) E of Yamagata, Honshu, Japan 177 km (109 miles) ENE of Fukushima, Honshu, Japan 373 km (231 miles) NE of TOKYO, Japan
Location Uncertainty	horizontal +/- 13.5 km (8.4 miles); depth fixed by location program
Parameters	NST=350, Nph=351, Dmin=416.3 km, Rmss=0.1 sec, Gp= 29°, M-type=centroid moment magnitude (Mw), Version=A
Source	USGS NEIC (WDCS-D)
Event ID	usc0001xgp



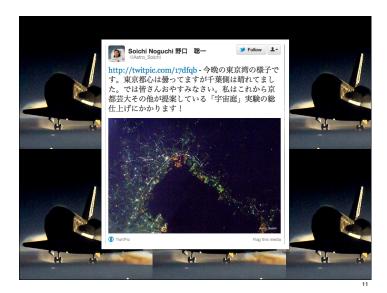


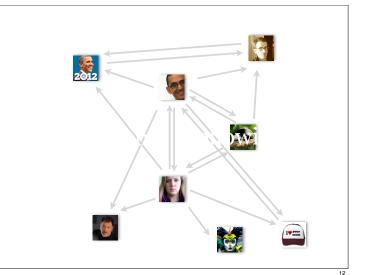


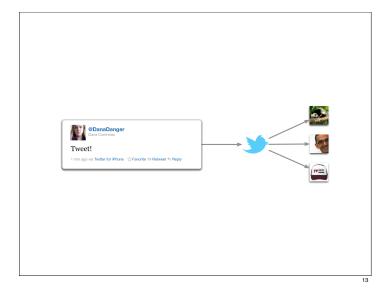










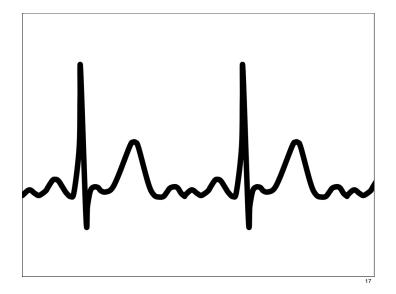


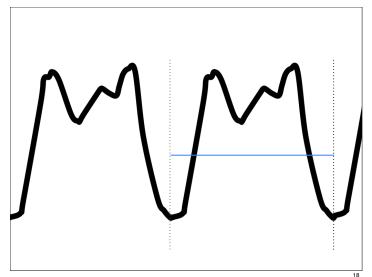
sounds easy, right? -

trick question

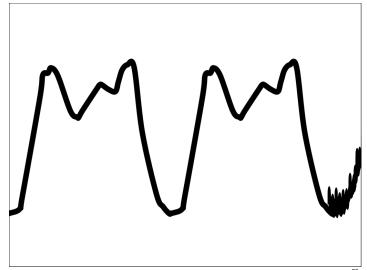


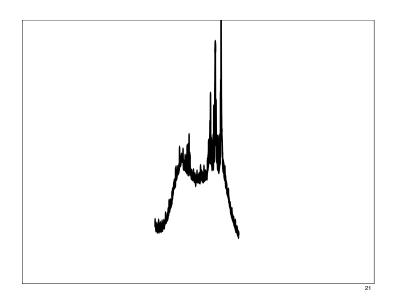


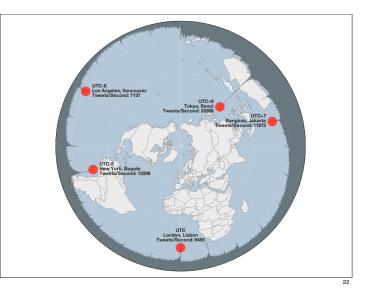


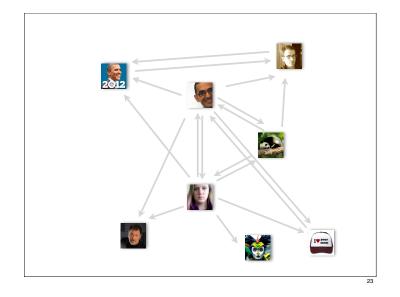








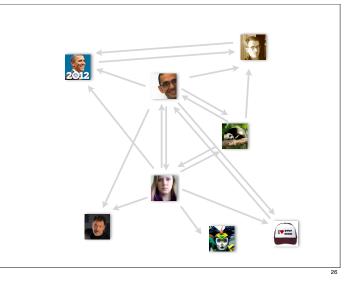




What's the max vertex degree?

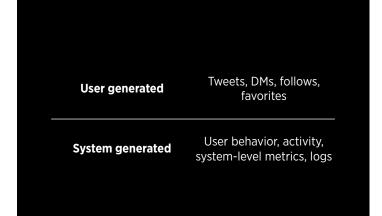
- A. 0
- B. 10
- C. 1 million
- D. There is no max



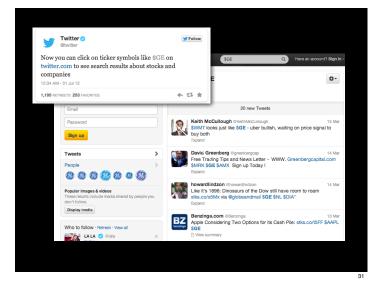






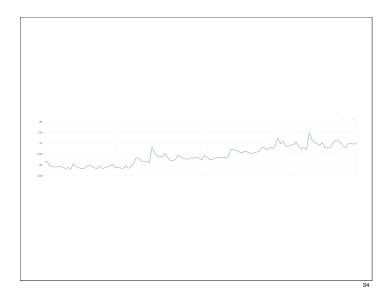


What are the questions we want to answer?



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Bill Miller, Legg Mason financial guru, just talked AAPL and he like many others is talking onlines and laveranel	defined why he,	107 🗭	9 🗭	4 🗭	15

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Spiderduck postprocessor smf1 prc	0	Rainbird Aggregator		Ads.admixer metrics	
Kujaku (smf1 Production) - Tweet T		Rainbird Query Service		Ads.admixer metrics	
Macaw-International (Production)	0	Scoop		Ads.adshard metrics	
Gazebo		TweetyPie		Kestrel	0
	0	Woodstar (Production)	0	Kestrel Cross-DC Replication	0
Wilson					



Batch vs Real-time

Batch: "A quantity or number taken together"

- think search engine: building the search index
- 'solved problem': Google's MapReduce

Real-time: "Now.This instant"

- knowing what to look for in advance
- Twitter is a specific implementation of a "real-time" system



