

A decorative L-shaped frame made of thick, dark brown lines. One part of the frame is on the left, extending from the top to the bottom. The other part is on the right, extending from the top to the bottom. They meet at the bottom right corner, forming a large, open rectangular shape that frames the central text.

# OTHER ADMINISTRATIVE TECHNOLOGIES

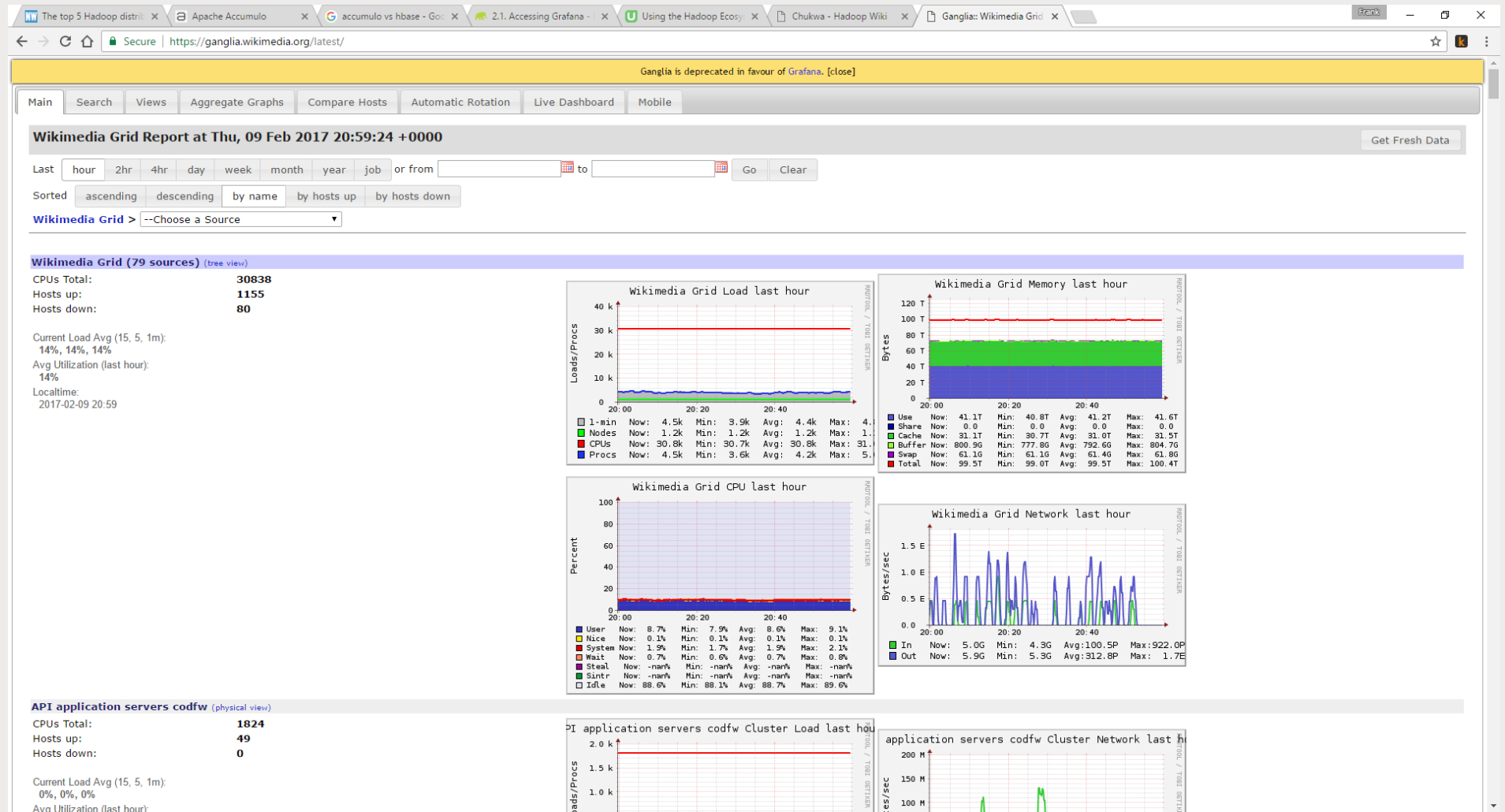
Some older systems you might hear about.

# Ganglia



- Distributed monitoring system
  - *Developed by UC Berkeley*
  - *Originally widely used by universities*
  - *Wikimedia / Wikipedia used to use it.*
- Largely supplanted by Ambari / Cloudera Manager / Grafana

# It ain't pretty



# Compare that to Grafana / Ambari



# Ganglia is dead

- Last updated in 2008
- Website is largely broken
- But you might encounter it in really old systems.



# Chukwa



- System for collecting and analyzing logs from your Hadoop cluster\
- Initially adopted by Netflix
- Largely supplanted by Flume and Kafka
  - *Both are more general purpose*
  - *Faster*
  - *Easier to set up*
  - *More reliable*

# Chukwa is dead

- Hasn't changed since 2010
- Website is largely broken
- No usage to speak of today

