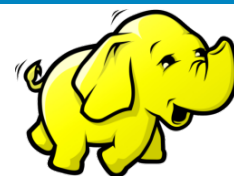


Hadoop and Universities



Strategic Goals

- CS and other science graduates come out knowing how to code with MapReduce
- The UK & EU grids host Hadoop for PB of data and the computation
- Postgraduate research is done *on* and *inside* Hadoop.
- Engagement between the ASF/Hadoop team and the Academic community

Where is Hadoop being used?

- CS: MapReduce as an algorithm
- AI: datamining (Edinburgh)
- Other sciences: Hadoop for data storage/analysis?

CS Teaching

- Is Hadoop over-complex?
- MapReduce with Haskell, Prolog, Erlang
- Cloudera VM + Eclipse
- Common datasets
- Re-use and adapt US coursework

EU and UK Grids

- How to to host Hadoop over GGF grids?
- Should we bother?
- Who will do the work?

What can we do

- Lecture at the local universities
- Help people set up clusters
- Offer cluster-time and datasets
- Anything else?

Postgraduate Research

- On Hadoop: new algorithms, layers on top
- On Hadoop: MR for science
- In Hadoop: scheduling, placement
- Present at ApacheCon, HUG
- Cluster time on OpenCirrus?

Steer researchers away from trouble, mentor them
ASF to host hadoop-research list, SVN

UK Hadoop-in-eScience event?

A photograph of a Gothic building, likely a cathedral or church, silhouetted against a deep blue twilight sky. The building features multiple spires and a large central dome. In the foreground, a street lamp with a warm yellow glow is visible, and the dark silhouette of a building corner is on the left.

Ross Gardler: OSS Watch are putting on
an open source conference in Q2 2010...

