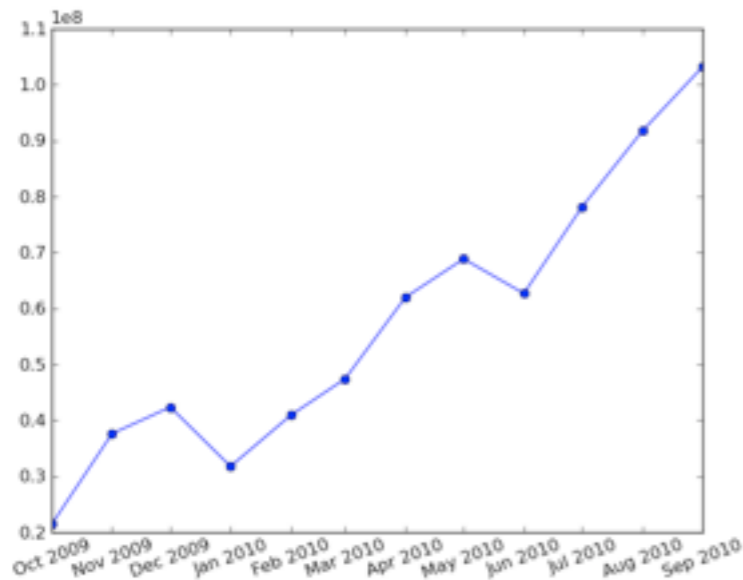


# ADC Lab Proposal

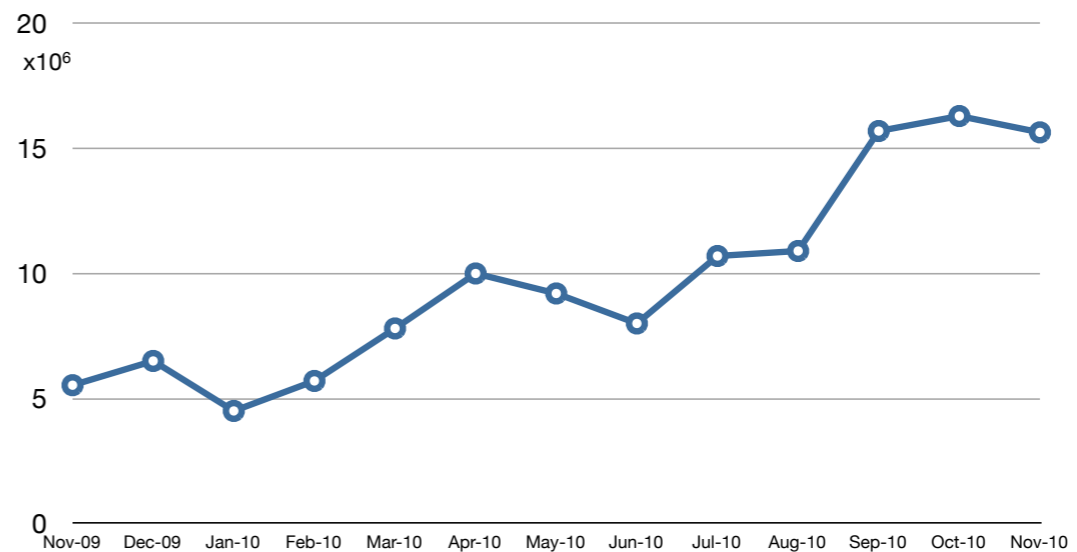
Graeme Stewart

# Idea

- Tackle the scaling problems we anticipate seeing in the next ~5 years
- We are not so big, c.f., facebook, google
- Explore new computing paradigms and technologies useful to ATLAS computing
  - Post-SQL databases (cassandra, hbase)
  - Map-reduce processing paradigm, storage systems
  - Cloud computing, academic and commercial



DDM Tracer



Panda Jobs

# Proposal

- <http://cdsweb.cern.ch/record/1309932>
  - ‘Needs discussed at many sessions and coffee’
- Lots of coffee, but no session
  - Positive reception
  - Relationship with the rest of the community
    - Software side
    - Upgrade computing, LOI

# So, where now...

- Keep discussing
  - Meeting next week (hopefully Wednesday pm)
  - Widen knowledge sharing within ATLAS computing community
  - Come up with the right structure to serve ATLAS computing in the future
    - But stay nimble!