Globus/Grid for non-geeks

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What do people think the Grid is?

- SETI@Home
- Virtualised
- Powerful
- Fast
- Real
- Globus
- AccessGrid
- Secure
- Any others?
What does it* deliver?

*Globus out of the box

- Some handling of heterogeneity
- Standard interfaces
- No real virtualisation of resources
- No ability to run jobs bigger than individual machines
- Typically it’s just glorified HPC
What’s in GT4?
Being more generous to Grid (GT4)

- Combining Globus with other tools:
  - Condor
  - Ganglia
  - Storage Resource Broker (SRB)
  - MPICH-G2 (and not thinking it’s HPC)
- It’s a lot faster/less resource intensive than GT2
- There are fewer protocols to worry about
- Virtualisation can be improved
The White Rose Grid

- Globus 2.4.3
- Heterogeneous
- Sun Grid Engine 6.0
- Creeping towards Globus 4 / Ganglia / SGE / Condor etc.
- As a Grid, not that many users