Introduction to the Application Hosting Environment and the National Grid Service

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The Application Hosting Environment

- Based on the idea of applications as web services

- Lightweight hosting environment for running unmodified applications on grid resources (e.g. NGS, TeraGrid, DEISA) and on local resources

- Community model: expert user installs and configures an application and uses the AHE to share it with others

- Simple clients with very limited dependencies

- No intrusion onto target grid resources
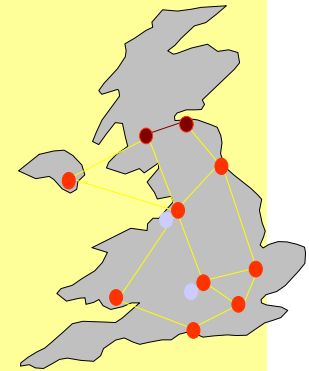
Extending Reach

Local UCL resources

NGS

HPCx
Leeds
Manchester
Oxford
RAL

GridSAM/ Globus

GridSAM/ SGE

TeraGrid

GridSAM/ Globus

DEISA

Distributed European Infrastructure for Supercomputing Applications

GridSAM/ UNICORE