

Minutes for the French/UK N+N Applications Working Group

November 4, 2003

Agenda:

1. Rules review and agreement.
2. Agenda bashing.
3. SWOT (Strengths, Weaknesses, Opportunities, and Threats) Analysis of UK and France

Strengths

- F – Computational
- UK – information discovery, data access and integration
- UK GGF involvement
- Different funding models
- UK industry integration
- UK Globus preference F freer to choose
- UK common infrastructure
- Interoperability between applications – export UK

Weaknesses

- Different middleware
- Few available applications as grid services
- Lack of licensing policies/agreements
- Access grids

Opportunities

- Interoperability
- Threat
- UK GT2-> GT3
- Funding

4. Quick brainstorm - one or two words for each idea
5. Go back through brainstorm ideas one at a time.
6. Name projects and close.

Rules:

- 1- No process discussion allowed. We will only address technical issues for collaboration and not how people will pay for it. That is some one else's problem.
 - 2- Project ideas to run for about 6 months max.
- Ron Perrot - GridCast : using the grid in Broadcast infrastructures - Queen's University, Belfast
- 3- Projects to complete within 18 months regardless of start date.
 - 4- Need to have named owners on both sides. The owners need not be at the table today, but are the right people for the collaboration.



Ron Perrot - GridCast : using the grid in Broadcast infrastructures - Queen's University, Belfast

Prototype applications from within Universities etc. across both countries.

Well understood applications

Bioinformatics

Computational science – fluids etc.

Mathematical software

Airbus – VO

Proof of concept

Security – validate, test, specification – orthogonal –mobile code

Trust and operational aspects – impediment

Manage applications to work on grid – vendor collaboration, licensing models.

Grid access etc onto database level

Security requirements – GGF

Bottom up projects

Define policies

1. eDiamond image registration algorithms (IC); lack of data -> sharing? Image normalisation needed by France. UK Mike Brady Oxford. France J Montagnat

2. Numerical software – deploy across installation in both countries, performance studies etc. UK Mike Dewar NAG, David Walker, Mark Baker (Portsmouth) Cardiff. France Lyons J-Y L'Excellent.

3. Shared registry of services – co ordinated, populated usability. Faults, tracing, what's in it, etc. UK Malcolm Atkinson NESC plus each E-science Centres. France T Priol

4. Mobile code. Reciprocal arrangements, dynamic. Denis Caromel INRIA David Walker Cardiff

5. CORBA GT3 experiment

6. Infrastructure link up

7. 3D visualisation etc share source code, avoid duplication, depository, gateways – integrated libraries. Information source. Link to Monet? UK Mike Dewar NAG, IC, Omer Rana Cardiff France J-Y Montagnat , Bruno Levy Lyon, Creatis

8. Finance UK Ron Perrott Belfast, John Barr SUN France Phillipe Bricard IBM – export of data, watermarking

9. Data privacy – co operation, collaboration – simple use case
France G Alleon EADS UK Dave Pearson Oracle, Alan Gould BAe

