LHC Computing Grid Project - LCG
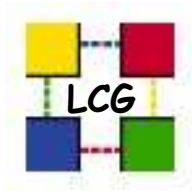
Report of WG1 to the GDB

4th November 2002

David Foster – LCG Chief Technology Officer

Information Technology Division

CERN – European Organization for Nuclear Research
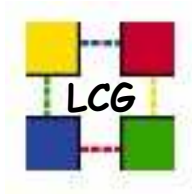
Geneva, Switzerland

david.foster@cern.ch

Members of WG1

- John Renner Hansen (Atlas/Nordugrid)

- David Foster (LCG)

- Simon Lin (Taiwan computer center Atlas/CMS)

- Laura Perini (Atlas/WP8)

- Yves Schutz (Alice)

- Oxana Smirnova (Atlas/Nordugrid/LCG Apps)

- Eric van Herwijnen (LHCb/WP8)

- Tony Wildish (CMS)

- Flavia Donno (invited) (LCG)
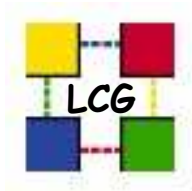
First meeting held 1st November 2002

Strategic Technology Advisory Group

- Have a commitment from key individuals to advise on technology strategy.

  - Anders Waananen (Nordugrid)
  - Bob Jones (EDG)
  - Carl Kesselman (Globus)
  - Miron Livny (VDT)
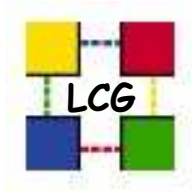 - Ruth Pordes (Glue)

  Everyone has agreed

Overall Planning

Suggested Completion Date	Activity	Responsible
1 Nov.	Initial meeting with WG members to discuss this document and approach.	DGF/JRH
8 Nov.	Create initial "straw man" proposal for middleware.	DGF
8 Nov	Create Prioritised List of Requirements	YS/EVH/OS/TW/LP
8 Nov	Assemble documentation of current experience	YS/EVH/OS/TW/LP
8 Nov.	Discuss with WG members	
20 Nov.	Discuss updated proposal with WG members.	
1 Dec.	Arrive at agreement with actions (especially where developments and support are indicated).	
5 Dec.	Create GDB mid-term report. Distribute to WG4	
9 Dec	GDB Meeting and present mid-term report	
15 Jan.	Emerging issues with HEPCAL matching resolved.	
15 Jan.	Circulate proposal to sys-admins and collect comments.	
20 Jan.	Discuss final result with WG members.	
1 Feb.	Make Recommendation to the GDB.	

Key Sources of Information

- The Joint EU/US HEPCAL Response
- Experiments Published Grid Technology Plans
- Interoperability (GLUE) and Testbed Experience
- Development plans of EDG/VDT/Globus