GridPP Users

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GridPP-NGS

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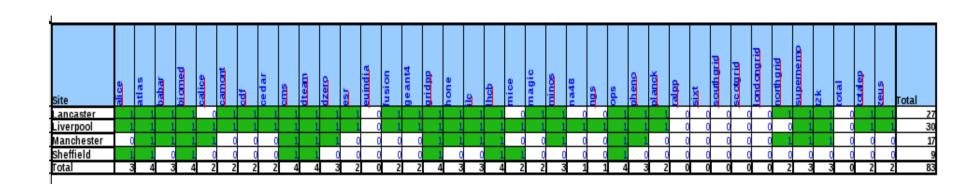- Users communities
- GridPP VOMS
- Gridsite: wikies and repositories
- Communication: a list of tools
- Some links

Users

- LHC experiments: alice,atlas,cms,lhcb
- Other HEP experiments: babar&co
- Non-HEP sciences biomed&co
- International
- UK only
- Only local: universities

Site	alice	atlas	babar	biomed	calice	camont	cdf	cedar	cms	dteam	dzero	esr	euindia	fusion	geant4	gridpp	hone	ilc	lhcb	mice	magic	minos	na48	ngs	ops	pheno	planck	ralpp	sixt	southgrid	scotgrid	londongrid	northgrid	supernemo	t2k	total	totalep	zeus	Total
Lancaster	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	27
Liverpool	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	30
Manchester	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	17
Sheffield	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Total	3	4	3	4	2	2	2	2	4	4	3	2	0	2	2	4	3	3	4	2	2	3	1	1	4	3	2	0	0	0	0	0	2	3	3	0	2	2	83

- Most important:
  - grid concept introduced in HEP to support their computing requirements.
- Most numerous:
  - 4-6 thousands people involved: hundreds of potential grid users eager to analyse data
- Most organized:
  - Operational infrastructure in place with monitoring shifters, automatic sw installation, production teams, job submission and data management insfrastructure……
- Most annoying… erm demanding ;-)
  - Doesn't pass a day without a request for new functionality, upgrade, configuration change

- Most high profile non-HEP VO in EGEE
  - No central computing organisation
  - Many users consuming lot of CPU
  - Completely delocalized users from France, Italy, Israel….
  - No control over what the users are running
  - Most likely to have users banned for service disrutpion or else.
  - Why do we support it?
    - Bird flu and SARS drug response simulations among other things.

- Not so many users
  - Mostly production teams of 1,2,3 people
- Use the middleware as it is
  - Still high learning curve
- Don't have many demands
- Don't install software
- Leave data behind only temporarily
- Basically need only CPU cycles
  - Quite effective for their needs if they manage to cope with the complications

- **International, UK only, only local**
  - Means where users belonging to these categories can run and where do they receive support from.
- **All the Vos supported in the UK are registered in EGEE so they have access to services like GGUS and CIC portal.**
- **UK only and only local are supported through the GridPP VOMS.**

GridPP VOMS

- **Located in Manchester T2**
- **International:**
  - Babar, gridcc, supernemo
- **UK only:**
  - ukqcd, camont, total, pheno, gridpp
- **Local:**
  - T2 Vos
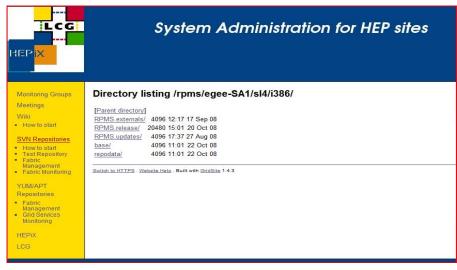- **Lost**
  - manmace

GridPP WEB server

- **Located also in Manchester T2**
- **Based on gridsite**
- **Different virtual hosts**
  - Wikies
  - SVN repositories
  - YUM, apt-get repositories

Communication

- **Among sites**
  - Mailing lists
  - Blogs
  - Google chat
  - Meetings
- **With Users**
  - GGUS
  - Personal emails
  - Local helpdesk
  - Broadcast
  - VO cards
  - GOCDB
  - Google chat

- http://www.gridpp.ac.uk/wiki
- http://www.sysadmin.hep.ac.uk/rpmsindex
- http://planet.gridpp.ac.uk
- http://cic.gridops.org
- http://goc.gridops.org
- http://ggus.org
- https://voms.gridpp.ac.uk:8443/vomses