BLAHPd developments (David, Massimo, Giuseppe)

- Worked on remote log access, with caching properties (addressing "very serious bug" #7580 and other Savannah bugs as well).
  - This is a server (one for LSF and one for PBS) that caches all the needed information for a job from the logs. The submit and status shell scripts ask information to this server, so the logs should not be accessed and parsed for every job.
  - All this stuff has being tested on Padova CE for LSF and PBS and seems to work. Will be moved to "prototype" when possible.
  - It has been committed in CVS in HEAD and glite-ce-blahp_branch_1_2_2.

- Support for SUN Gridengine, Lyon's BQS, discussed in Athens. We are providing directions

- BLAHPd is being presented at the HEPix batch system workshop in Karlsruhe.

- Giuseppe Fiorentino is being introduced to the BLAH design, with a medium term target to become the first line of support provider.

SIndex Secure Endpoint / RGMA / Service Discovery (Enzo)

- SIndex: org.glite.security.gsoap-plugin has been used in order to implement the GSI secure connection to SIndex catalog.

- RGMA: a ISM-RGMA-Purchaser, equivalent to the ISM-II-Purchaser already present, is being developed. It points to a RGMA Information System instead of the traditional BDII.

- Service Discovery APIs have been tested in brokerinfo in order to retrieve service information for a given VO, like the catalogs endpoints. Not yet committed since it has been decided not to use it right now, but in the near future.

Interactive jobs/Job "peeking" feature/Job "debug" feature
(Massimo M.)

- We keep supporting the interactive job feature via bypass and pipein/pipeout. Should we explore other options ?

- We discussed, after the Den Haag conference, a reasonably simple feature for file 'peeking', triggered in 'mailbox' style via the job sandbox. Does it still make sense to add it on the road to Release 2 ? This could be done.

- The job peeking feature is a special case of running a restricted shell on a worker node alongside a running job. We learned at this meeting that M. Marzolla is exploring similar issues. How do we get organised here ? Milano concentrates on the 'short term' items, and Padova on the more generic restricted shell support (with the option to run a debugger) ?

"Prototype" (and other test installation) support

- Have been keeping an eye on the "prototype" in Alessio's absence... but haven't been able so far to move it to Release 1(.1). Elisabetta M. is training herself (the hard way...) to help.

- Were requested by JRA1 (and in an 'emergency' meeting in Athens as well) to provide a suitable environment for Condor people to debug Condor-C issues.

- Installed (with Elisabetta M. and Giuseppe F.) three WMSs and two CEs:
  - egee-rb-01.mi.infn.it WMS for WMproxy testing and finalisation of configuration recipes to move it to the real prototype 'gundam'. This is also becoming the reference WMS for the ECGI group (see http://infn-ecgi.mi.infn.it).
  - wn-04-01-01-a.cr.cnaf.infn.it Converted CDF worker node. WMS used to debug large DAG issues. CDF wants to concentrate more testing on this.
  - lxb2084.cern.ch WMS for Condor-C debug
  - lxb2082.cern.ch LSF CE (lxb2022 replacement candidate).
  - atlfarm006.mi.infn.it PBS CE