

Middleware Update

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- **Status of the SL5 WN for HEP applications**
- **Release highlights since last GDB**
- **Planned releases**

- Stefan Roiser went through all shared libraries and executables in the AA projects and looked at the output of ldd.
- Libraries not part of AA have been collected in a list.
- A meta rpm has been constructed that pulls in all these libraries from the SL5 repository.
- This rpm should make it possible to run SL4 HEP applications on SL5/x86_64 WNs.
- The meta rpm can be downloaded here:
 - http://grid-deployment.web.cern.ch/grid-deployment/download/HEP/rpm/HEP_OSlibs_SL5-1.0.0-0.x86_64.rpm

- A SL5/x86_64 WN was installed together with the meta rpm.
- The AA project test suites for SLC4 32bit as well as 64bit were run on the WN:
 - POOL, COOL, CORAL, REFLEX ran fine.
 - ROOT stress test ran fine.
 - Full ROOT test suite failed because it involves compilation and some headers are missing on the WN. The headers would be provided by the glibc-devel rpms.

- **Release highlights since last GDB**

- lcg_util 1.7.4/GFAL 1.11.6: SRMv2 used by default; some problems still remain (bug #52485: lcg-cp fails to copy to gsiftp TURL) – new rpms will be provided
- globus-gma-1.0.12-lcg: improvement for lcg-CE (defunct globus-gma processes)
- Added CREAM and CEMon client to the VOBIX
- dCache: 1.9.1-7 server, 1.9.0-9 client
- grid-cm on the WN (WN configuration monitoring)

- **Release highlights since last GDB**
 - glite-SCAS node type released
 - glite-GLEXEC_wn meta rpm (to be installed on the WN) released
 - Many bug fixes for gLExec
 - Patches 3084 (fixes for segfaults) & 3050 (glexec wrapper scripts) not yet released
 - WMS submission to ARC enabled

- **Release highlights since last GDB**
 - UI released.
 - BDII (version 5) released
 - Debian 4 WN released

- **gLExec wrapper scripts and bug fixes (Ready for Certification)**
- **WMS 3.2**
 - We will do a pilot at CERN.
- **BDII v5**
- **DPM v1.7.2**
- **LFC v1.7.2**
- **GFAL 1.11.7**
 - fixes bug #51230 – gfal_open segfaults on <connection refused>

- **DPM_mysql v1.7.2**
- **LFC _mysql v1.7.2**
- **GFAL 1.11.7**
- **CREAM CE in certification**