EMI2 Tarball Status

Matt Doidge (Lancaster University), David Smith (CERN) Jeremy Coles (GridPP)

OMB

January 22nd 2013

- The UK NGI (GridPP) has volunteered to develop and support the EMI2 Tarball, after it was seen that there was a need for someone in the community to step up.

- With (a lot of) help from David Smith, a method to produce the tarball was re-discovered and a toolkit for making tarballs was created.

- The tarball is being developed and tested at the Lancaster University Tier-2 (UKI-NORTHGRID-LANCS-HEP).

- The big push was to develop a tarball for SL5, then to move onto an SL6 version.

- Time was (is) a factor here, as the deadline for gLite 3.2 retirement is very close (end of January) and there was no consideration for sites that couldn't upgrade due to needing a tarball.

- The SL5 WN tarball is ready:
  - http://www.sysadmin.hep.ac.uk/wiki/EMI2Tarball
    - Thanks to Daniela Bauer and Jean-Michel Barbet for also testing it at their sites.
    - We want to distribute via the UMD repositories, but need to tweak our infrastructure.
- And is also in cvmfs
  - /cvmfs/grid.cern.ch/emi-wn-2.5.1-1_v1/
    - Thanks to Jakob Blomer for putting it in there.
- The SL6 WN tarball is not ready.
  - A test version exists, needs cleaning up
  - There's no SL6 cluster at Lancaster, so testing is problematic until we build one.
  - But we haven't heard of any clamour for one (UK interest in an SL6 tarball has died down).

- First we want to finish the SL6 tarball (v2 ETA 23/1/13).
- Then we need to make sure that the existence of the tarballs is well published for those who need them.
  - As well as ensuring that the tarballs are easy to get hold of.
  - Better documentation.
- Support infrastructure needs to be put into place (GGUS endpoint?)
- And most importantly, an update procedure needs to be put in place to ensure that the tarball doesn't fall behind.
  - Communication with the WN development team should be established.
- Other possible routes: cvmfs only install, tarball DIY kit, UI support
- Is the EMI2 tarball an early look into how product development will be beyond EMI?