

# Experiment software dependencies

- Several UK sites have had problems during experiment software installation/validation and this can be avoided. Examples:

## London Tier-2 example:

- problem when installing the cms software at qmul and brunel ... the following rpms where not there
  - curl-devel-7.10.6-8.rhel3
  - XFree86-Mesa-libGLU-4.3.0-113.EL
- cms tries to install all the libraries in their software area but the libGLU one needed to be installed as root.

## ScotGrid example

- It happened again - this time the really non-obvious libg2c was missing (it's in the gcc-g77-ssa package)... checked on the CIC portal, but there was no link to any list of LHCb software requirements.
- Problems could be addressed by having VO specific meta-packages: e.g. lcg-lhcb rpms with all their dependencies
- A manual list of requirements in the VO cards would also help (but may not scale). ([https://cic.in2p3.fr/index.php?id=endusers&js\\_status=2](https://cic.in2p3.fr/index.php?id=endusers&js_status=2))
- Resolving this problem will save time and effort on both sides