

Virtualization Discussion

Use cases

- GlastRelease - frozen on RHEL6
 - L1 processing, reprocessing in SLAC batch farm
 - RHEL6 container on a RHEL7 host
 - do FT1, FT2 files go to xrootd? (Warren)
 - separate containers for L1? Maybe not an issue if we can preload batch nodes. We're guessing ~5 GB image.
 - Simulations at Lyon, SLAC, GRID
 - maybe the same as for SLAC - check with Samuel for details
 - Developers & Users
 - maybe separate versions for debug symbols and source for developers. Could be on-demand production of this version.
 - Release Manager or manual builds
- Science Tools
 - Caching big files (e.g. templates) in container image. Need a strategy with SCS for this for how containers are cached.

Dependencies

Expert tips

- possible Docker registry hosted at SLAC
- full support at Lyon for Docker