

xrootd news

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xrootd plugins

xrootd has **plugins** that allow extension of behaviour

- **Authentication** plugins
- **Authorisation** / name-space mapping
- See Gerd's talk

Code availability

- We have separated out some of xrootd code-base
 - Code now available in git-hub: **xrootd4j**
 - Project includes stand-alone server
 - Allows **easy testing** of plugin
 - LGPLv3 license: encouraging reuse elsewhere
- Initial interest from **ALICE**
 - Currently rewriting their management software
 - Interested in using xrootd4j.

What to do if people ask for xrootd?

- Part of the WLCG TEG report:
 - “experiments should ask for protocol, not implementation”
- Simple:
 - Configure and **start an xrootd door**
 - As usual ...
 - monitor and make sure users are happy
 - Get in contact with us (support@dcache.org) if you see any problems

What you should not do

- Don't try to hack SLAC Scalar software into dCache:
 - It **isn't supported**
 - You get to keep the bugs
 - It **doesn't integrate** well with dCache name-space
 - You might get something to work*
 - No **pool overload** protection
 - SLAC are catching up with dCache here
 - Whatever they implement will not integrate with dCache's native support
 - You loose advanced features: **no hot pool replication**

Conclusion

- At dCache.org we prefer people use standards-based protocols
- Although it is a proprietary protocol, **we support xrootd.**

That means we *will* fix bugs on any supported branch.

- If your end-users insist on xrootd then you **can and should use dCache**