



Science & Technology
Facilities Council

IDAV Status

Kevin Phipps (RAL/STFC)

CLF and ISIS Service Manager
& ICAT Developer

October 2016

IDAV – what is it?

- WebDAV interface to ICAT
- Mature extension to HTTP
- Built in support main operating systems
- Filesystem access to ICAT



Pros and Cons

- Pros
 - OS support
 - Convenient - drag and drop
 - No firewall problems
- Cons
 - limited file size in Windows (50MB to 4GB)
 - High overhead on small files (slow)
 - ~10X slower than Windows fileshare
 - IDS disk storage only



Current status

- Pre-production for CLF Artemis
- Rigid hierarchy (Fac – Inv – DS – DF)
- Configurable hierarchy work for ISIS
- Basic testing done for ISIS
- Read only with configurable hierarchy



Plans

- Get Artemis and ISIS systems into production
- Check configurable hierarchy works for Artemis
- Write with configurable hierarchy
- Add default read only setting
- Handling special characters
- Release it





Science & Technology
Facilities Council

Questions ?