UNICORE/w3

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Once you make your data easily (but securely) accessible - the sky's the Limit
UNICORE w3

A proposal to the UNICORE community

The Grid as a (Semantic)Web Application

Projection of the Resources of the Grid onto the read/write, Semantic Web
Why the Web?

For the user ...

- Bookmarkability
  

- Explore and discover by clicking links

- Collaboration - the Participatory Grid

- Users use it all the time already
Why the Web? (technical perspective)

Building the Single Grid as part of the Web

- Global scale architecture
- URI's - uniform naming scheme
- RESTful HTTP - uniform interface
- RDF - uniform model foundation
- Rock solid Standards
- Loosely Coupled
- Extensible
- Good at binary content
Architectural Overview
Prototype

http://localhost:8183/roger/feeds/sites.html
Summary

UNICORE/w3 is

- The Grid embedded into the Web
- Projection of the Resources of the Grid onto the read/write, Semantic Web
- Empowering the user to make the best use of the Grid and the information contained in it
Corollary
Files and Directories total

sorted by: depth and labels; than by... • grouped as sorted • show duplicates

1 (4)

lxxx (3)

1. lxxx @ DEISA_FZI_FZI%20JUMP
   http://aws:4593183/ogger/static/DEISA_FZI_FZI%20JUMP/storage/xxx
2. lxxx @ DEISA_FZI_FZI%20ZAHIR
   http://aws:4593183/ogger/xxx/DEISA_FZI_FZI%20ZAHIR/storage/xxx
3. lxxx @ DEISA_FZI_FZI%20EPCC%20IPOx
   http://aws:4593183/ogger/xxx/DEISA_FZI_FZI%20EPCC%20IPOx/storage/xxx
   Size : 10

lxxx.sh (1)

4. lxxx.sh @ zam439:u1_u1
   Size : 9

2 (4)

5. lxxx/commons-collections-3.2.jar @ DEISA_FZI_FZI%20ZAHIR
   http://aws:4593183/ogger/xxx/zam439:u1_u1/storage/xxx/commons-collections-3.2.jar
   Size : 571259
6. lxxx/de @ DEISA_FZI_FZI%20JUMP
   http://aws:4593183/ogger/xxx/zam439:u1_u1/storage/xxx/de
7. lxxx/xxx @ DEISA_FZI_FZI%20JUMP
   http://aws:4593183/ogger/xxx/zam439:u1_u1/storage/xxx/xxx