LionShare

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LionShare Overview

- Secure P2P network based on digital identity and institutional trust fabric

- Integrated with access to digital repositories of learning objects around the world

- Two-year project sponsored by the Andrew W. Mellon Foundation

LionShare Goals

- Develop a secure P2P network that supports responsible file sharing

- Exploit the power of P2P architecture for academic collaboration

- Support the discovery and reuse of educational content

- Simplify the metadata creation process for users

LionShare Capabilities

- Publish - share files with or w/out access control privileges

- Search - find resources on LionShare P2P and repository networks

- Organize – help users organize their own content whether shared or not

LionShare Capabilities

- Collaborate – enable collaboration around resources and among individuals

- Security - users control access to shared resources

- Persistence - the PeerServer enables sharing even when users are not connected

LionShare Benefits

- No anonymous users – responsible file sharing

- Federated searching of multiple learning resources

- Multi-institutional participation

- More efficient use of network resources

- Open Source development

- Platform extensible for future development

LionShare Risks

- Infrastructure required for trust fabric may be too complicated for some institutions
- Copyright may be inadvertently infringed by users who don't understand copyright
- Monitoring of network use may inhibit some users from trying the LionShare network

LionShare Risks

- Less restrictive technologies may be adopted rather than LionShare

- Misconceptions about LionShare capabilities may lead some to reject participation

- Security architectures (e.g., firewalls) may inhibit any type of file sharing, including LionShare

LionShare Release Dates

- LionShare v0.6 Beta - January 31, 2005
- LionShare v0.8 Beta - April 31, 2005
- LionShare v1.0 Public - September 31, 2005

For more information:

http://lionshare.its.psu.edu