



LIONSHARE

# LionShare Focus Group

- VIUS (Visual Image User Study)
  - <http://www.libraries.psu.edu/vius/>
- Lionshare Development
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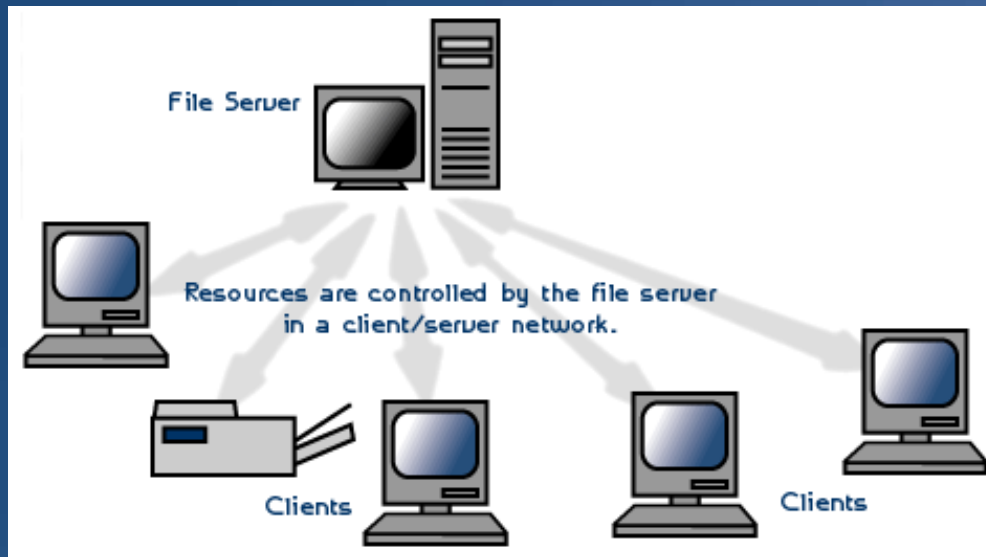


# What is P2P?

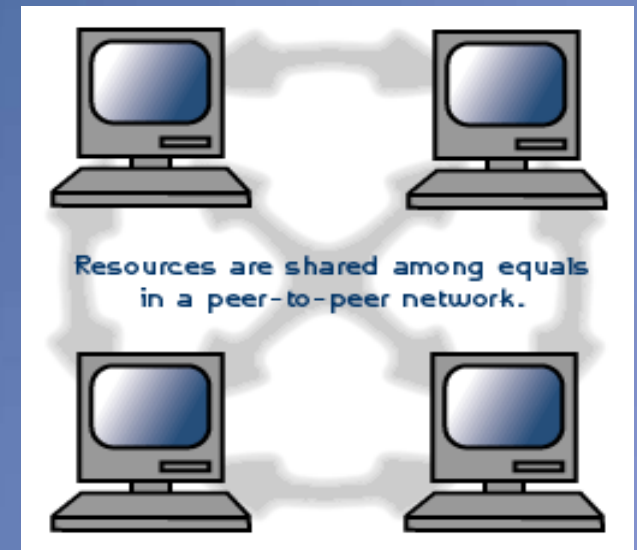
- Peer-to-Peer (P2P)
  - Peer-to-peer is a communications model in which each party has the same capabilities and either party can initiate a communication session.
- P2P Applications
  - File sharing
  - Instant Messaging
  - Web Services
  - Distributed Computing



# Client/Server



# P2P



# P2P Myths

- P2P is just file sharing
- P2P is designed for stealing
- File sharing is illegal
- Penn State has a ban on file sharing
- File Sharing = Kazaa
- No legal file sharing networks exist



# P2P in Academia

- Why use P2P?
  - Collaboration
  - Digital Media
    - In the classroom
      - Multimedia
      - Powerpoint
    - Consumer Digital Devices
      - Digital Cameras
      - Digital Audio
      - Digital Video



# What is LionShare?

- LionShare: a collaboration tool for academic networks.
  - Academic File Sharing
  - File Organization
  - Collaboration

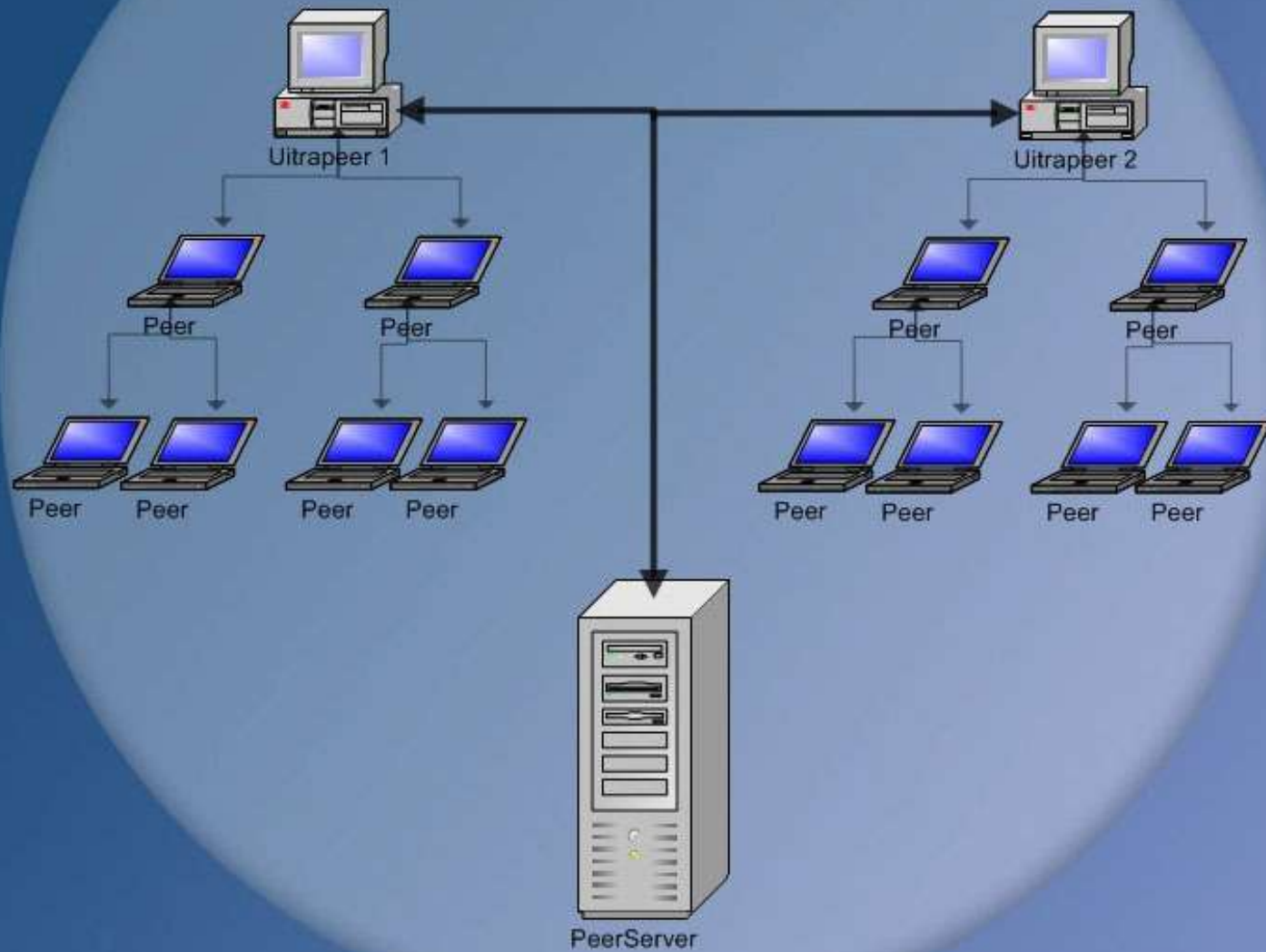


# LionShare Features

- Private Network (Penn State Only)
- Requires username and password
- Works on all computer platforms
  - Windows, Macintosh, Linux, Unix
- Users can save files to a server
- Legal uses only
  - Non-anonymous
  - File tracking
  - Logging



# LionShare | Topology



# LionShare News

- Mellon Grant Decision this Friday 9/19
- Network Code Stable
- PeerServer Overhaul
- Penn State Kerberos Update



# LionShare Near-Future

- Mellon Grant
- Immediate Development
  - PeerServer Overhaul
    - Relational database backend
    - Www admin access
  - Client Enhancements
    - Metadata Automation
    - Thumbnail Display



# Future Developments

- Inter-Institutional Networks
- Connecting to Traditional Repositories
- Authorization Engine
- WWW based User Access
- LionShare as a Service

