Project Mimir

Final Presentation and Demo
Other Projects

- WuaLa
- Ocean Store
- RobuSTore
WuaLa

- A Startup from Switzerland
- Pools storage
- Uses Distributed Hash Tables
- More of a Kazzaa/ BitTorrent replacement
- Reliability is not a key factor
Ocean Store

- Replication Based System
- Very Successful
- Designed for very large scale
RobuSTore

- Uses same erasure code
- Designed for large files
- Designed for static networks
- From UC San Diego
What’s Different About Mimir

• Designed for Dynamic Networks
• Reliability is the Key
• Using Commodity Hardware
• For a Business Environment
Two+ Years Ago...

- We had No idea this would work
- Or how to do it
Winter Results
Percentage of Blocks Required to Rebuild (5000 trials)
Old Distribution from Winter Presentation

Trial

Percentage
Current Results
Side by Side
Performance Data