

Cloud Computing and Massive Storage
Tutorial Agenda
Monday May 3rd, 2010

- 9:00 AM – **Welcome and Introduction** - Ann Kerr, Chair
- Overview and Introduction to Clouds and Data Grids - Patrick Dreher and Reagan Moore
- New Initiatives in Cloud Computing – Library of Congress NDIIIP Program** – Leslie Johnston
- 10:30 AM Refreshment Break
- Sustainable Economics for a Digital Planet: Ensuring Long-term Access to Digital Information and a National Conversation on Digital Preservation** –Elizabeth Cohen and Ann Kerr
Report on the work of the BTRF and audience discussion.
- Lunch Break
- 1:00 PM **Integration of Cloud Computing and Cloud Storage** – Patrick Dreher
Introduction to Cloud Computing
Building a Cloud Computing Architecture
Building Images in a Cloud Environment (OS stack, application)
Cloud Computing Demo
- Policy-based Data Management** – Reagan Moore
Introduction to iRODS policy-based data management
Building policy sets for data management
Demonstration of iRODS
Demonstration of integrated VCL/iRODS environment
- 4:00 PM **Open Discussion on Tutorial Topics – Tutorial Attendees**
- 5:00 PM **Adjournment**
- 6:00PM **Reception**