

The ASERL LOCKSS-ETD Initiative: Developing Preservation Strategies for Libraries that Publish E-Scholarship

Fall 2005 CNI Task Force Meeting Project Briefing

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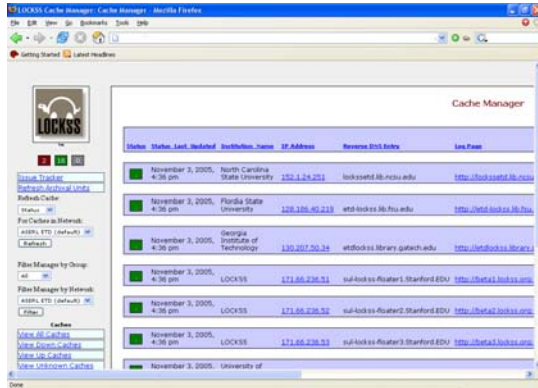
The ASERL LOCKSS-ETD Initiative (<http://www.aserl.org/projects/lockss-etd-overview.html>) is a joint project between the LOCKSS (Lots of Copies Keep Stuff Safe) Program at Stanford University and the Association of Southeastern Research Libraries (ASERL). Participating in the project are the following ASERL Libraries:

Florida State University - <http://etds.fsu.edu>
Georgia Institute of Technology - <http://etd.gatech.edu>
University of Kentucky – <http://www.uky.edu/ETD>
University of Miami – <http://www.library.miami.edu/library/dissertations.html>
North Carolina State University - <http://www.lib.ncsu.edu/etd>
University of Tennessee - <http://etd.utk.edu>
Vanderbilt University - <http://etd.library.vanderbilt.edu>
Virginia Polytechnic Institute and State University - <http://etd.vt.edu>

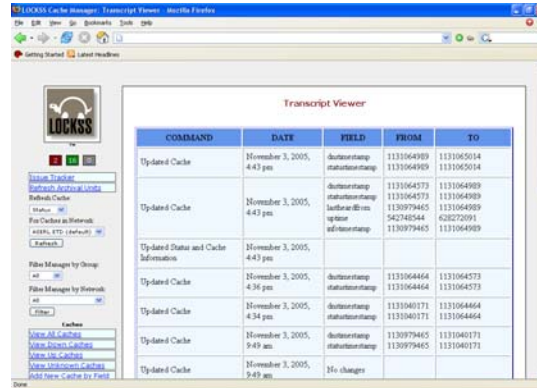
This group is utilizing the latest version of the LOCKSS software to harvest electronic theses and dissertations from each institution using the OAI-PMH. The OAI-PMH is used to create a LOCKSS archival unit for collections such as ETDs which are continually updated. The LOCKSS caches at each institution allow for multiple copies of ETDs in geographically dispersed locations thus offering an additional layer of preservation for each ETD collection as well as a cooperative open-source model for organizations that support E-Scholarship publishing initiatives.

In this presentation there will be two key topics discussed which are both new to the LOCKSS software. This includes document harvesting using OAI-PMH as a Submission Information Package (SIP) for LOCKSS ingest and a new virtual network management interface which enables group management for collaborative projects across the LOCKSS network. The ASERL LOCKSS-ETD Initiative is one such project. For more on the project please see our press release (<http://scholar.lib.vt.edu/theses/ETDsASERLLOCKSS20050711PR.pdf>).

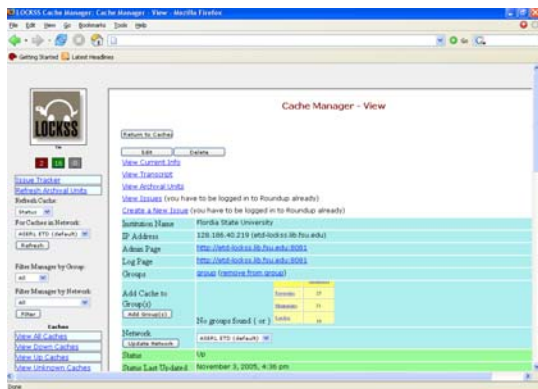
The images below show different views of the new LOCKSS Virtual Network Management Tool. This tool is a PHP based web services management interface that enables networks created to ingest locally produced digital content to verify the status of their partner sites. The views of this tool are demonstrated using the ASERL ETD Network.



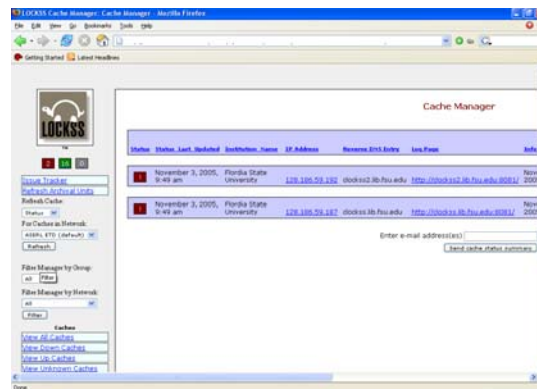
The ASERL LOCKSS-ETD Initiative as viewed in the new LOCKSS Virtual Network Management Tool.



Transcript Viewer for LOCKSS Server that is part of the ASERL ETD Network.



Cache Manager View of LOCKSS Server that is part of the ASERL ETD Network.



View of Server that is not available to the ASERL ETD Network.