Core Integration Updates

Updates to NSDL.org

New Search Engine, Lucene
- supports quoted search strings
- supports number of query results

New Graphic Look
- updated look & logo
- new style to emphasize site use & de-emphasize site technology

Inclusion of Community section on website
- reduce separation of NSDL.org and NSDL community workspaces
- highlight "Today in the NSDL" to keep recent events in the forefront of the community

Inclusion of new information targeted at NSDL.org's largest audience, the "generally curious"
- headlines on front page
- Of Interest section to highlight new library materials as well as other resources and topic areas that users might find interesting

Community Portal Updates
Address the needs of NSDL developers and the community issues important to them.

New URL
http://comm.nsdl.org/

New Technology
- powered by open source gForge software

New Community Tab
- located on NSDL.org
- demonstrates integral nature of NSDL developer efforts and NSDL library site efforts - that is, focus on the community of the library, not just the library as an aggregation of resources

Community Information
- committee and library building wikis
- provide recent news and other information related to community building, eg Project Highlights
- quick access to helpful resources, eg Whiteboard Report and handbooks

Core Integration Updates

CI Update
   Automated Ingest of Existing Collections

Validate your OAI served metadata anytime.
http://repository.comm.nsdl.org/prs_web/harvest_server_val.php

1) Register basic collection information with NSDL (e.g. collection record, URL of OAI server)

2) Validation checks and OAI harvest code runs

3) Raw harvested metadata is normalized to nsdl_dc, the NSDL's version of Qualified Dublin Core

4) Normalized nsdl_dc and raw metadata is ingested into the NSDL Metadata Repository (MR), then rebuilt into appropriate XML pieces for the MR's OAI server

5) NSDL search service harvests metadata weekly from the MR's OAI server for re-indexing

Collection and Item information found through NSDL.org.

For more information, contact mr-ingest@nsdl.org

CI Update
   Outreach

NSDL and its Partner Projects
have been represented at national conferences within the educational community.

Development of Outreach Materials
- With the Educational Impact and Evaluation Standing Committee, development of the first NSDL Annual Report
- With a committee of Standing Committee chairs and representatives, planning and support for the NSDL Annual Meeting
- Enhancement of NSDL.org for both public and NSDL community use
- Outreach brochure targeted at supporting the K-12 community
- Development of first NSDL "Sampler" CD featuring the Atmospheric Visualization Collection and weather resources from many NSDL collections
- An Outreach booth to take to conferences
- Workshops to introduce teachers to using NSDL effectively

Goal to raise teacher awareness of NSDL.

For more information, contact Susan Van Gundy. (vangundy@ucar.edu)