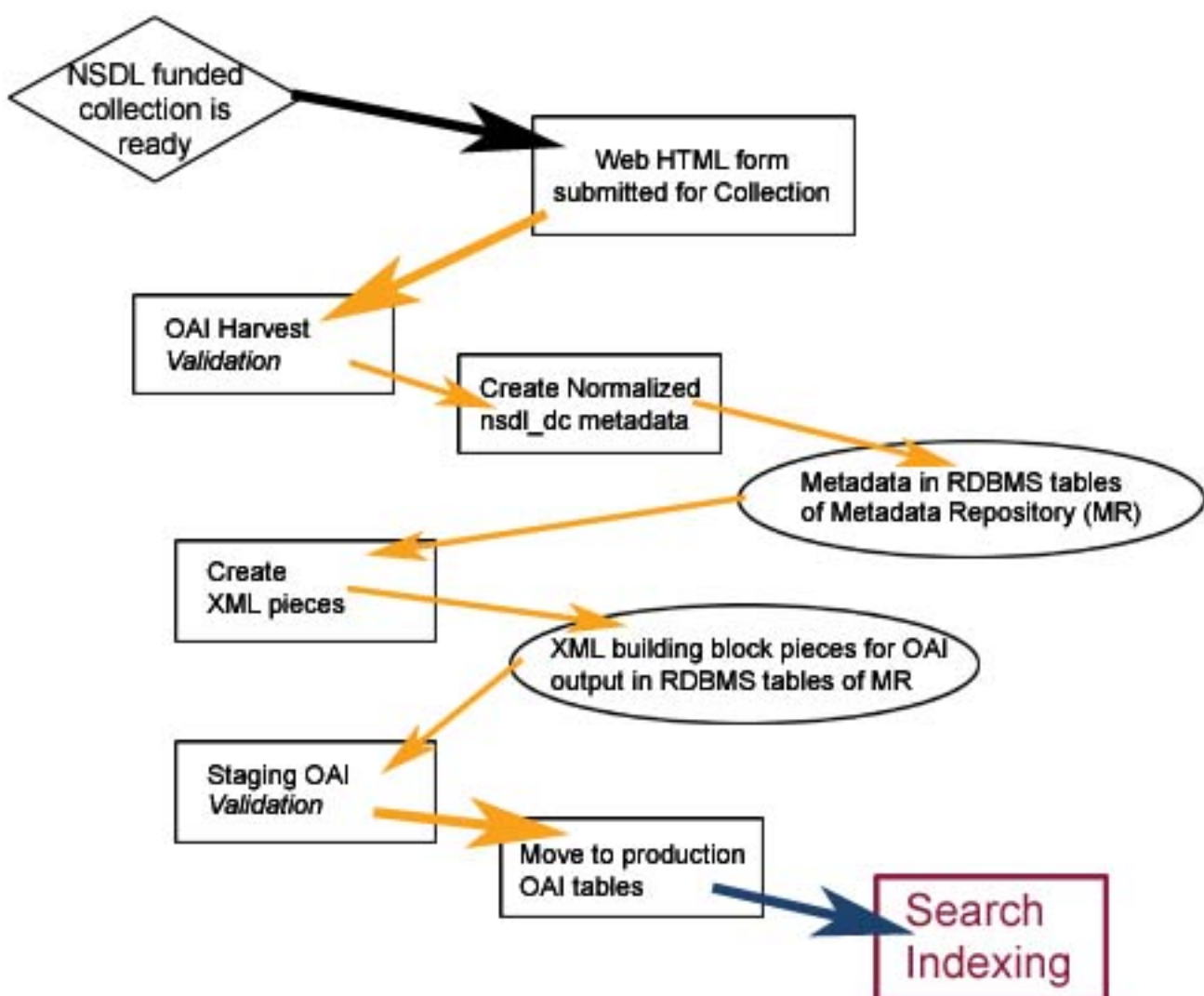


Automated Ingest of Existing Collections

- 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.



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.



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CI Update

Outreach

Publishers Outreach

Engaging Publishers & Learned Societies

Engaging public/private sector entities that create products capable of supporting science education

identification and assessment of prospective partners
initiation and cultivation of exploratory dialogues
gradual, "polite persistence" in moving publishers
toward making strategic and technical commitments
necessary to contribute to NSDL

Encouraging prospects for widespread and robust involvement by publishers, societies, and related resource creators.

- * Interest in involvement with a National Library of Science aimed at educators and learners, so far, has been unanimously positive among the decision makers with whom we've corresponded.
- * Core Integration programmers have begun to address technical challenges with significant plans, most notably, experimentation with ingestion methods familiar to publishers, such as an FTP electronic feed interface, and increased attention toward the ONIX metadata standard.
- * Individual NSF/NSDL discipline- and level-specific digital collections will increasingly emerge and enter into individual discussions, as well as the larger dialogue, with publishers, creating a leveraging effect that will likely enhance target visibility and editorial development possibilities available to potential partners.

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