Developing Publisher Assets Across the NDSL Network

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Core Integration
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NSDL

Metadata Ingestion: Notable Existing Partnerships

Springer Journals

Scientific American

Oxford University Press Journals

Elsevier Books

BioOne

John Wiley Books

Blackwell

Cambridge University Press Books and Journals

Houghton-Mifflin/McDougal-Littel

Metadata Ingestion: New Contributors, 2007

Prentice-Hall

ExploreLearning

The Education Group

The Teaching Company

Taylor and Francis Journals

Sage Publications

Metadata Ingestion: Contract Negotiation/Discussion

Elsevier/ScienceDirect

Proceedings of the National Academy of Science

Royal Chemical Society

American Meteorological Society

American Physical Society

Discover Magazine

Beyond Metadata Ingestion: Publisher Asset Development

Pathways Bookshelves

Classic Articles in Context

Open Articles

Timely Teaching

Editorial Development

Leveraging Fedora

Pathways Bookshelves

Columbia CI distributing area- or audience-specific publisher data to relevant
Pathways for target presentation and creation or cultivation of PW-Publisher relationships

J Chem Educ DL: Chemistry Resource Shelf

ComPADRE: The Nucleus Textbook Reviews

Middle School Portal: Creating Improved Metadata for ExploreLearning

MatDL: Primary article development through the Soft Matter Wiki

Timely Teaching

NSDL Timely Teaching would construct a library exhibit that presents current research content in the form of *full text* papers from select primary journals

Presents articles with overlay of narrative/pedagogy appropriate for level 11-14 classrooms

Proposed first iteration involves partner publishers making available in full text select papers from a small number of journals covering very broad areas (i.e. Earth Science, Physics) for a pre-defined time period

Papers selected by experts working with Columbia CI

(Have discussed with Elsevier)

Classic Articles in Context

"Classic Articles" seeks to introduce a sample of classic papers from published literature to post-secondary students

Incorporates full texts within educational modules

Modules consisting of primary article clusters, annotated by researchers or teaching faculty

Focus on significant problems of twentieth-century scientific inquiry/recognized units of teaching

(Proposals sent to Nature, Science, and Proc Nat'l Acad Sciences)

Open Articles

Aggregate open access articles from contributing journals into a stand alone collection

Venue created from OAI sets built on native publisher metadata

Identifies freely available peer-reviewed papers beyond those published DOAJ publications

Aimed at faculty and students in "journal deprived" institutions

Will provide discussion anchors for Expert Voices

Editorial Development

Columbia CI seeks work with publishers developing editorial content through NSDL

Chapters as scaffolding for area-specific modules

Integrating chapters/excerpts with primary articles suites (Timely Teaching/Classic Articles)

Chapters/web companions appearing within Pathways special collections or topical modules

Incorporate excerpts/sample chapters into focused concentrations addressing particularly challenging concepts, e.g. Krebs Cycle, thermodynamics, fluid mechanics, etc.

Feature targeted "samples" of media rich products through NSDL/Pathways

(Above scenarios discussed with Wiley Higher Ed and Jossey-Bass)

NSDL

Leveraging Fedora

Columbia CI sees great potential publisher interest in Fedora's robust data expression capabilities

Expert Voices/Google "bump"

Presentation of publisher product info within multiple contexts

Concept maps: provide visual concept connections to publisher product

Further connection to standards