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# SUPPORT FOR USING DATA IN THE CLASSROOM: NSDL PORTALS AND USER INTERFACE DESIGN

## BASIC ASSUMPTIONS

- The visual and functional design of the NSDL UI is data-driven to support future Library scalability.
- The relationships among types of data in Metadata Repository records (collection>item--annotation) must be apparent in the UI, and is the underlying strength of what the Library Catalog has to offer users.
- Most core services are available across portals.

## DISCOVERY

- Advanced Search, available to all library visitors regardless of login status, allows users to narrow their search by selecting from among various criteria. Later NSDL releases will support additional criteria.

## AGGREGATING RESOURCES FOR REVIEW AND DISPLAY

- The NSDL Review Service will support saving specific resources for review and display in other portals.

At right: 1. Example of Main Portal instantiation featuring an auto-updating "Featured Collection" browse, a channel view of a Bill Nye Exhibit, and an auto-updating listing of Specialized Portals; 2. Advanced Search form with a channel view from a Bill Nye exhibit; 3. Search Results from an Advanced Search featuring an Exhibit based on user's interest. Notice that results are aggregated in the browse feature on the right according to user-selected criteria indicated on the Advanced Search form; 4. Another example of Search Results showing "Review Services." More information at [http://portals.comms.nsdlib.org/cgi-bin/wiki.pl?User\\_Interface\\_and\\_Portals](http://portals.comms.nsdlib.org/cgi-bin/wiki.pl?User_Interface_and_Portals)



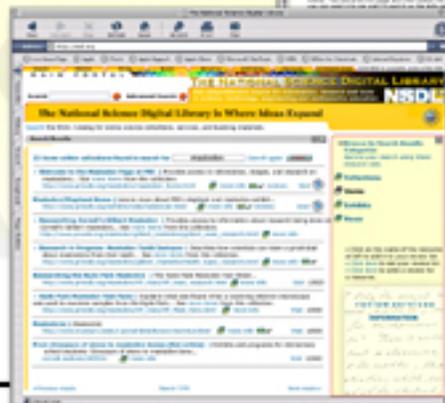
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