Indo-US Workshop on Open Digital Libraries and Interoperability

Position Paper by

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Title: Building Digital Libraries for Communities using Kepler Framework

Abstract:

In the last decade, literally thousands of digital libraries have
emerged. One of the biggest obstacles for dissemination of information
to a user community is that many digital libraries use different,
proprietary technologies that inhibit interoperability. One major
effort that addresses interoperability is the Open Archive Initiative (OAI),
which facilitates the discovery of content stored in distributed
archives. Realizing the benefits of OAI, a number of communities are
interested in an out-of-the-box solution that will help them deploy OAI
based digital libraries consisting of publishing tools, archives, and
search services. This would allow communities to set up and operate
their own communal digital libraries without the high costs of
implementation and maintenance associated with starting from scratch.
Building a communal digital library is currently severely hampered by
the lack of tools and software that are easy to use and address diverse
requirements of different communities. In particular, metadata, as the
codification of the world views that define a community, needs to
accommodate varying formats, uses, encodings and pedigrees. In this
talk, we will present Kepler and related tools that can be used for
building communal digital libraries.