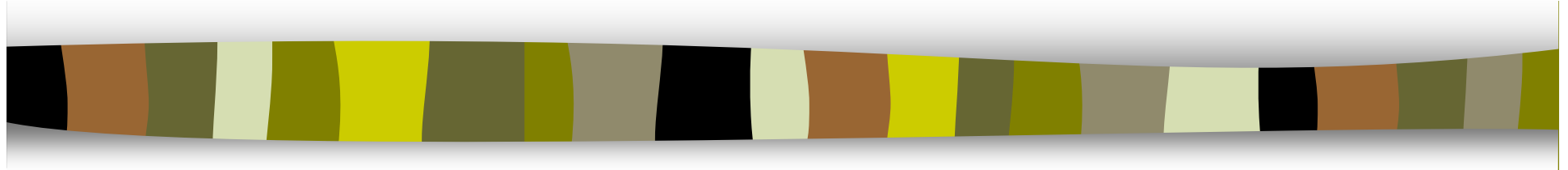


Ockham Library Network



OAI, other “light-weight”
protocols, and scholarly
communication



Goal

Our goal is to use OAI, other “light-weight” protocols, and open source software to implement digital libraries as well as facilitate scholarly communication.



Various collections and services

- Ockham Digital Library Services Registry
- MyLibrary @ Ockham
- Ockham Alert
- Harvest-to-Query



“Light-weight” protocols and open source tools

- Easy to implement
- Exemplify the philosophy of doing one thing and one thing well
- HTTP and OAI are two good examples. We advocate SRU as a third.



OAI to create collections

In the many of the services we harvest content from remote repositories to create collections.



Organizing collections with MyLibrary

In MyLibrary @ Ockham,
content is cached and
organized in a MyLibrary
database and takes advantage
of its facet/term approach to
classification.



Indexing

Indexing functions are handled with swish-e, Plucene, and Zebra.



Searching

Searching the indexes is done through SRW, SRU, and Z39.50 interfaces.



<http://ockham.org/>