

## **ALA Annual Conference 2009**

Saturday, 7/11/2009

### **10:30-noon: The Open Library Environment Project: Building an ILS for Service**

Oriented Architecture Integration (MCP W-196a) LITA

"Community Source" alternative to a commercial ILS

- Choices restricted by collapse & acquisition of vendors
- Development work by vendors has been disappointing
- Want integration/interoperation with other university systems  
(What functions does the integration provide? 1. Pay for resources that cost \$, with acctg. updates. 2. Update networking sites?, 3. Make resources avail. to LMS. 4. Route maps to phys. resources. 5. Maybe electronic versions of textbooks and such. 6. User-mgmt. systems to validate access levels for patrons. )
- Young users have needs that aren't met by vendors -- devices, recommenders
- Funded by Mellon Fdn. & developing institutions
- Multiple funding sources get loud voice in development to reduce the chaos of open source  
"invested in each other" gives a more sustainable dev. path via strength in numbers to both spread risk and prevent dependence on vendor
- How to map functional requirements for multiple partners? How to get them doing things the same way, even for specific functional services?
  - \* Workflow engine for specific exceptions & functions
  
- How to get the institution to adopt the Kuali environment that's the basis for OLE?

Service-oriented architecture, technology neutral

- rule-oriented workflows across institutions
- discrete web services activated in flexible ways
- traditional ILS + eContent + Electronic resource mgmt: ground-up redevelopment
- Integration with "Kuali" code library for institutional mgmt. software (kuali.org)
  - \* Reduce security/licensing risks through fewer copies of data
  - \* Reduce expense of duplicate data entry
  - \* Version management!
- 30-month build time
- No discovery interface -- allow individual users to choose and interact in a standard way with any of them.
- Central, joint governance outsources development to efficient providers (India, Bulgaria)