Kuali OLE: Update from our First Quarter Startup

Kristin Antelman – NC State University
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Mellon funded design phase – Jul ’08 – Aug ‘09
- Demonstrated community interest in community source ILS
- Developed high level service-oriented design
- Delivered final report to Mellon in Aug ‘09

Kuali OLE Foundations
During the fall of 2009 we concentrated on:

- Building our partnership
- Charter accepted by Kuali Foundation
- Securing funding from Mellon and from the partners for build phase – Jul ‘10 – Jun ‘12
KUALI OLE GOVERNANCE

Vision

Board

Functional Council

Project Manager

Technical Council

Project Mgmt

Domain Experts

SMEs

Consultant

Core Project Team

Business Analyst

Technical Architect

Data Architect

Lead Developer

Config Manager

UX Designer

Admin Coord

Technical Writer

QA Manager

Domain Experts

SMEs

Consultant

Programming

DLF 2010 Forum – Palo Alto
THE FIRST 4 MONTHS

- Funded July 2010 – June 2012
  - Coding to start in January
  - Mid project release in July

- Building the teams
  - Board, Functional Council & Technical Council – Drawn from the Partners
  - Hiring the Core team – Hired from project funds

- Securing development capacity
  - Few resources within libraries for enterprise-level development
  - Competitive RFP for a development partner
THE FIRST 4 MONTHS

- Building on the plan
  - Distillation of user stories
  - Developing our data model
  - Inventories of target integrations
    - Critical financial core integration
    - Other enterprise and domain integrations
  - Developing process for functional specifications

- Developing our technical architecture
Technical Architecture

Web-based Staff Workflows Interface

KNS-Enabled Acquire Process

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Web-based Staff Workflows Interface

KNS-Enabled Financial Process (KFS)

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Web-based Staff Interaction Layer

Event Discovery & Analysis Process

Event Repository

KSB/KEW Connector

KNS-Enabled Select Process

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Web-based Public Discovery Layer

API for Discovery Web Service

Cache Index

Messaging & Queues (Kuali Enterprise Service Bus)

KSB/KEW/KEN Connector

metadata services toolkit

tenant services

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Querying Services

Scheduling Services

Transform Services

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Transaction Services

Querying Services

Reporting Services

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Workflow Interface

Discovery Status Services

Web-based Staff Workflows Interface

KNS-Enabled Describe Process

Kuali Nervous System (KNS)

KSB/KEW/KEN Connector

Network-facing Interface
Potentials for Collaboration

- Kuali OLE is about integrations
  - With vendors, financials, IdM, LMS, discovery, reporting, etc
  - Exposing standards-based interfaces to enhance options and opportunities for interactions
  - Example, no OPAC interface, but exposes interfaces based on the ILS-DI to integrate with existing discovery tools

- In this way, Kuali OLE could form a development platform for library applications
  - Provides a framework for interaction with our data (bib, financial, relationship) and our business processes
Potentials for Collaboration

- Through other projects
  - Sakai, ArchivesSpace, CollectionSpace, JISC Shared Services, Blacklight, DuraSpace, etc

- Iterative development & release process, so opportunities to participate in:
  - Planning
  - Interfacing
  - Testing & evaluation
  - Implementation
Questions & Contact

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