Today’s Agenda

8:45-9:45  Project updates
10:00-12:00  Sustainability discussion
12:00-1:00  Lunch
1:00-2:45  Breakouts
  - Metadata
  - Technology and sustainability
3:00-4:00  Wrap-up, priorities discussion
Project Update

Jon Dunn
Variations3 Partners

- Indiana University
  - Digital Library Program
  - Cook Music Library

- Test sites:
  - New England Conservatory
  - The Ohio State University
  - Tri-College Consortium: Haverford, Swarthmore, Bryn Mawr
  - University of Maryland College Park (new)

- Content partners:
  - New York University / New World Records
  - Database of Recorded American Music
Test Sites

- Delays
  - signing agreements
  - selecting equipment
  - installing and configuring software
- All servers now delivered, some set up
- Slow progress on install & configure, probably due to academic calendar
- All sites planning pilots for the fall
Staffing

- Mark Notess (70%) - Development Manager
- Jim Mullen – Software Architect
- Chris Colvard – UI programmer
- Alex Berry (50%) – graduate assistant programmer
- Kurt Peterson (15 hrs/wk) – hourly web developer (graduating, will be replaced)
- Caitlin Hunter (50%) – metadata graduate assistant
- Others < 50% (Jon, Jenn, Phil, and others)
Development Update

Mark Notess
Development Status: Phase 1

- Phase 1 – Fall 2006
  - completed in November 2006
  - supported MySQL-based local database (originally planned for year 2)
  - local authentication support via POP, IMAP, CAS, and Kerberos
  - authorization management via varGroup.sh command
  - restructuring of digitization process to separate out encoding from ingest
  - one-time dump of IU metadata (work & contributor records) to assist test site cataloging
Version 5.0.1

- completed in March 2007
- added an IU recording of a public domain work for easier testing of streaming (Mahler’s Symphony No. 3)
- reduced number of configuration steps
- bug fixes
- updates to support Java 1.5, Windows Vista
Development Status: 5.0.2

- Version 5.0.2
  - planned for June 2007
  - full support for scanned scores
  - digitization speed-up—importing track names and timings via web services, or complete container structures if item already digitized at IU
  - support for PAM authentication, providing a much longer list of possible authentication technologies
  - bug fixes and pedagogical enhancements for playlists
Item Structure

CD 1

- Dvorak, Requiem, Op. 89 - Part I
  - Track 1. I. Requiem aeternam (10:37)
  - Track 2. II. Graduale (5:08)
  - Track 3. III. Dies irae (2:09)
  - Track 4. IV. Tuba mirum (8:35)
  - Track 5. V. Quid sum miser (6:02)
  - Track 6. VI. Recordare (6:59)
  - Track 7. VII. Confutatis maledictis (4:15)
  - Track 8. VIII. Lacrimosa (6:19)

- Dvorak, Requiem, Op. 89 - Part II
  - Track 9. IX. Offertorium (11:12)
  - Track 10. X. Hostias (11:14)
Development Status: Phase 2

- Phase 2 plans
  - late Fall 2007?
  - full support for cooperative cataloging
  - separation of metadata into “discovery” and “use”
  - new browser-based UI for searching and cataloging
  - improvements requested by test sites

- third-party content support (DRAM)?
- tool for user-contributed metadata?
- browser-based UI for roster management?
Use/Discovery Split

“Use” Tools
- Search catalog
- Holding
- Media object

“Discovery” Tools
- Search
- Cataloging
- Records needed
  - Container
  - Work
  - Instantiation
  - Contributor

Locally managed
Centrally managed
“Pulled” by each site
Install & Config Improvements

- Variations appliance? ☺
- Config Wizard?

Variations Install

1. Networking
   - Library Name (Abbreviated)
   - Library Server Host Name
   - Web Server Host Name
   - Streaming Server Host Name

Other ideas:
- minimize client config
- separate IT config from library config
- simple initial install and test, followed by subsequent configuration
Metadata Update

Jenn Riley
Batch Loading from MARC

- To be successful, must *at least* match the functionality of the OPAC
- Existing FRBRization algorithms not sufficient for multi-Work Containers
- Efforts so far have focused on identifying Works
- More complete mappings will be added later
- 2nd iteration of experiment nearly done; hope to perform several more
Cooperative Cataloging
FRBR Harmonization

- Preliminary plans to allow Instantiations to be re-used to better match FRBR model
- FRBR harmonization made more complex by addition of holdings record
  - No in-depth analysis has been performed yet
  - More on this in metadata breakout
- No work done to date examining FRAR – should we invest time in this?
3rd Party Content

Phil Ponella
Variations2 Overview

Content:
- Digitized audio
- Scanned scores
- Encoded scores

User interface:

Users:
- Faculty
- Students
- Librarians

Collection Metadata

Access Control, Bookmarks
Variations3 Overview

- **Content**
  - Digitized audio
  - Scanned/encoded scores
  - Subscription services

- **User Interface**

- **Users**
  - Faculty
  - Students
  - Librarians

- **Collection Metadata**

- **Access Control, Bookmarks**
Instead of:
The goal:
and...Pedagogical Tools
Backup Slides
Metadata Model Example
Architecture

Local Metadata Database

PRODUCTION SCHEMA
CATALOGING SCHEMA

Scheduler

Update Application

Search Web App.
Digitizer Application
Cataloger Web App.

User
Digitizer
Cataloger

Last Update Date
New & Modified Records

Variations Web Server

Independent Cataloger

Central Metadata Database

Use Tools
- Player
- Timeliner
- Score Annotator

Architectural components and their relationships, including database connections, tools, and web applications.