

37e – Discovery and Access

Action Item Template Response

General Action Item Information

Lead Division/Office: Digital Library Program

Action Item Number: 37e

Action Item Short Name: Discovery and Access

Dependencies with other EP Action Items:

Implementation leader (name & email): jwd@indiana.edu

I. DESCRIBE YOUR PLANS FOR IMPLEMENTING THIS ACTION.

IU should provision a general purpose Web-based system for providing access to digitized audio and video materials, with a focus on use in teaching, learning, and research. This system should ultimately support:

- Easy ingestion of both organized institutional collections (e.g. from a library or archive) and "one-off" video or audio files from faculty for teaching or research use
 - Focus will initially be on organized institutional collections
- Automated transcoding from various ingest formats into formats appropriate for streaming or download delivery
- User interfaces for efficient entry of metadata to describe content
- A variety of different metadata formats, to accommodate a range of different types of content and collections
- Both a generic user interface for search/browse/playback and the ability to create more customized interfaces for particular collections or applications
- Authentication based on IU or Shibboleth login, and access control based on a variety of factors (e.g. identity, group membership, faculty/staff/student status, course enrollment, departmental affiliation, institutional affiliation) to be able accommodate various rights scenarios
- Both streaming and downloadable/podcast delivery
- Easy integration into Oncourse for teaching, learning, and research uses, including support in Oncourse for streaming media as "first-class" resources, such that they can easily be inserted into syllabi, assignments, discussion forums, quizzes, and other content
- Creation of playlists, bookmarking, annotation, and other features for close study of audio/video content
- Secure access from mobile devices

Preliminary plan:

- Seek additional stakeholder and user input; refine requirements.
- Identify, evaluate and select technologies (assume some combination of EVIA, Variations, and the IUB Libraries Video Streaming Service, but do quick scan of possible third-party solution pieces such as Sharestream and Opencast).
- Phase 0: Using existing Variations technology, support Variations use system-wide.
- Phase 1: Implement access-controlled browser-based audio and video streaming viewer

- with bookmarking.
- Phase 2: Integrate with Sakai (probably Sakai 3).
- Phase 3: Add playlisting and annotation in browser-based viewer and Sakai.

II. WHAT ARE THE POLICY AND PRACTICE IMPLICATIONS OF YOUR PLANS?

The main policy issue has to do with intellectual property, particularly for commercial audio and video content. For music, IU already has a policy in place, based on fair use, for library-owned recordings. This policy would need to be re-examined by university counsel in light of differences between music and movies as well as recent developments in intellectual property laws and court cases. Policy regarding instructor or student owned or generated content should also be examined. In addition, the IP issue associate with multi-campus use should also be examined.

The division of labor between Oncourse and the Libraries' course reserves systems should be re-examined to remove duplication of effort and ensure that IP risks are adequately assessed.

III. IDENTIFY STAKEHOLDERS.

Stakeholders include:

- Libraries, archives, and other audio/video/film content holders throughout IU
- Digital Library Program
- Institute for Digital Arts and Humanities
- Variations project
- EVIA Digital Archive
- UITS Oncourse team
- UITS Video Infrastructure group
- UITS Learning Technologies
- Teaching and learning consulting centers throughout IU
- Faculty and students who use and/or create audio/video resources
- Implementation leaders for EP actions 34 and 36, with which there may be some overlap in technology implementation