ISKO Media

KO for management, dissemination and preservation

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The value of an AV archive

- **Reference**
  - A record of what an organization has achieved, the ideas it has fostered, the organisations it has collaborated with
  - A valuable source for others working on research in the field

- **Engaging new audiences**
  - Content relevant to fellow-workers around the world
  - Raise profile of ISKO UK
ISKO Media

- ISKO Media is ISKO UK’s repository of event recordings
- Collection began in 2007
- A rich record of a rapidly changing knowledge environment
  - New technologies: GPT-2
  - New threats: fake news
- Migration for the future

http://c2264562.myzen.co.uk/content/iskomedia
Planning an AV migration project

- Audit material
- Identify requirements
- Compare solutions
- Prepare data & metadata
- Complete migration

• Maximise value of content
The content

- **Audio**
  - Drupal: 313 Files, 2007-2018
  - Wild Apricot: 2018 onward
  - Total: c.400

- **Presentations**
  - Drupal: 235

- **PDFs**
  - Drupal: 488 (not all ISKO Media)

- **Some video**
  - Drupal: 4 (.mp4)

→ The chosen solution
The current state of ISKO Media

- **Dispersed**
  - Drupal site (‘Presentations’ and ‘Event archive’)
  - Recent material on Wild Apricot
  - More recent content not online

- **Silo**
  - Material primarily findable from ISKO web pages
  - Value of cross-searchability

- **Preservation risk**
  - Content backed up on external HDDs vulnerable to corruption
  - Web hosting is not long-term preservation

**Requirements:**

- Content is consolidated
- Content is cross-searchable
- Content is preserved
Requirements

• In the chosen solution the collection will be:
  – Consolidated
  – Searchable
  – Browsable
  – Accessible
  – Shareable
  – Preserved
Options considered

- There are a superfluity of digital collection management solutions out there
- Ashley Blewer maintains a useful list: https://docs.google.com/spreadsheets/d/1cXOug3qM0pNNeD_wssiVEv9c0W1Y5l1VDTnSPTk7fb4/edit#gid=0

<table>
<thead>
<tr>
<th>Platform</th>
<th>Model</th>
<th>Support for types of content</th>
<th>Streaming delivery</th>
<th>Cross-searchable</th>
<th>Website</th>
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</thead>
<tbody>
<tr>
<td>Zenodo</td>
<td>Free service</td>
<td>AV and documents</td>
<td>Not supported</td>
<td>Yes</td>
<td><a href="https://zenodo.org/">https://zenodo.org/</a></td>
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<td>Figshare</td>
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<tr>
<td>Dspace</td>
<td>Free software with entailed support cost</td>
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<td>Avalon Media System</td>
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<tr>
<td>Greenstone</td>
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<td><a href="http://www.greenstone.org/">http://www.greenstone.org/</a></td>
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</tbody>
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Recommended options: ‘Preservation and Access’

- **Zenodo**
  - Archival repository maintained by CERN
  - Rich, flexible metadata schema
    - Supports ISKO’s ‘Classification System for Knowledge Organization Literature’
  - Handles all content types
  - Complexly searchable
  - OAI-PMH
  - Assigns DOIs to content – persistent identifiers
  - *Content is not streamable*
Recommended options: ‘Preservation and Access’

• Figshare
  - Designed as a research dissemination platform
  - Supports in-browser display of AV media
  - Simpler metadata schema than Zenodo, narrower range of subjects
  - Content can be browsed by collection or event, e.g.
    • Conference
      - Paper 1
      - Paper 2
Next steps

- **Standardize metadata for Zenodo**
  - ORCID IDs for authors
  - ‘Classification System for Knowledge Organization Literature’ IDs

- **Prepare metadata for Figshare**
  - Merge appropriate Zenodo fields into a general description
  - Assign broad subject codes
Metadata preparation

• Digital collection management and media migration depend on high-quality metadata

• Properly structured metadata will:
  – Facilitate automation using public APIs
  – Enable fixity-checking
  – Create linked data (ORCID, KOLIT)

• Some prepared metadata

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<table>
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<tr>
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<tbody>
<tr>
<td>1</td>
<td>Resource description</td>
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<tr>
<td>2</td>
<td>Resource discovery</td>
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<tr>
<td>3</td>
<td>Administration and management of resources</td>
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<td>4</td>
<td>Record of intellectual property rights</td>
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<td>5</td>
<td>Documenting software and hardware environments</td>
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<td>6</td>
<td>Preservation management of digital resources</td>
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<td>7</td>
<td>Providing information on context and authenticity</td>
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– Day’s model of metadata purposes
Q&A