Evolution of Media Repositories and Archives: The Clipper Project

The beginnings of a data citation toolkit for audio-visual data

http://blog.clipptube.com

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User Tool Technology: Open / Non-Proprietary / Transferable. Archive or User Owned (In-House or External Service)


User Data: User Owned and Controlled. Standards Compliant, Interoperable, DOIs, ORCID.


User Tool Technology: Closed, Archive Owned.

User Tools: Basic. Personal Curation (Favorites), Sharing (email).

User Data: Archive Owned and Controlled.

User Paradigm: Public Library, Community Support.

User Tools: None.

User Paradigm: Closed – Applicant.

The Near Future – Clipper enabled Archive

Clipper Roadmap: Leveraging standards to build a data citation toolkit for media repositories. Recent work on web annotation standards (i.e. the Web Annotation Data Model), the International Image Interoperability Framework, and the Media Fragments standard provides a set of representations that can be combined to create media annotations. The concept of an annotation body and target from the Web Annotation Data Model provides the structure for media annotations, and the source and time parameters from the IF and Media Fragments identifies a consistent form for referencing media sources, start and end times.

We think these standards form a solid foundation for developing a media data citation toolkit. If we add two other standards, DOI and ORCID, we start to see the outline of a possible toolkit appearing. With this combination of standards, it is possible to envisage researchers being able to cite parts of their data with each other during ‘live’ collaborative research projects as well as in their final publications.

The Present – 2017

Example: Scottish Moving Image Archive

1980’s – 2017

Example: Shetland Music Archives.

Challenge

Extensive collections of media resources have been digitised and made available through online repositories. However, finding, analysing and sharing these resources is difficult. Building on the W3C’s web annotation data model, the Clipper project has developed a process for creating and sharing virtual clips that enable media resources to be cited as easily as published texts. Clipper thereby enables clips, cliplists and projects to be shared through social media using persistent web addresses that promote public access and engagement with collections.

Digital Archive Online: open web ++

The Present – 2017

Example: British Library Sounds

Increasing Impact and Engagement

Clipper Tool Architectures

Digital Archive Online: open / closed web +++

Citation View: with DOI and ORCID

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