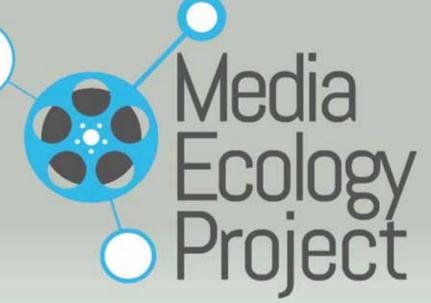
#### **AMIA Panel:**

Tools and Technologies for Enhancing

Access to Audiovisual Portland, Oregon

November, 2015



Online Access for Scholars Adds
Value to Media Archives

Mark J Williams • mark.j.williams@dartmouth.edu • @markj2 John Bell, MEP architect

- Most digital tools have been developed for the Sciences
- There is a crying need for digital tools for the Arts and Humanities
- Foolhardy to expect each instutution to do everything
- Must think forward, think creatively, and act collaboratively
- Historical media materials are fated, but for the work of archives
- The academic and scholarly community must support this essential work
- Therefore, work to augment preservation goals via more online access



## MEP CONTEXT AND PREMISES

Adding value to archives and libraries

- · Scholars and academics can make archive materials more searchable
- This work can also make materials searchable across select archives
- Scholars can even become part of archival work flow

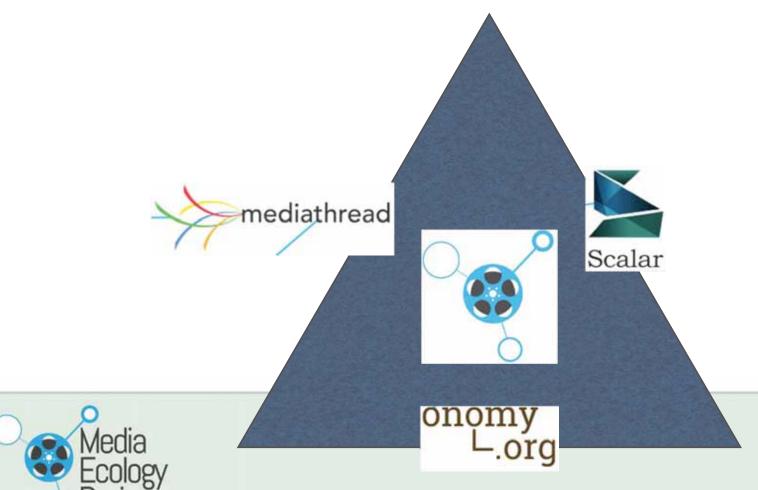
Best first users of the digitized materials to be made accessible

Offering advice and advocacy about what to digitize next and why



## MEP CONTEXT AND PREMISES

#### MEDIA ECOLOGY PROJECT

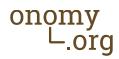




#### mediathread Classroom annotation environment



Semantic web publishing platform



Collaborative vocabulary builder



Metadata sharing server



#### **APPLICATIONS**





### MEP PARTNERS

- Realize a <u>sustainability project</u> regarding <u>media history as public memory</u>
- Develop <u>networked scholarship</u> in relation to online archival content
- Promote and augment the <u>dynamic ecology of historical media</u>
- Support the <u>essential work of the archives</u> in relation to the public sphere and public memory
- Engage <u>primary research</u> across disciplines
- Innovate <u>dynamic new forms of scholarship and publication</u>

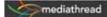


MEP GOALS

- Cultural-critical awareness and institutional awareness
- Collegiality and connectedness (openness, collaboration, support)
- Translation work (across disciplines, expertise, vocabularies)
- Experimentation (regarding methods, work-flow, output)
- Negotiating comfort zones (respecting difference, managing dissonance)
  - Text vs. Image (Visual Culture Studies)
  - Research Methods that address and engage Audiences and Scholars
  - Close vs. Distant Reading (Computer Vision & Machine Learning)



#### MEP AS A DH PROJECT

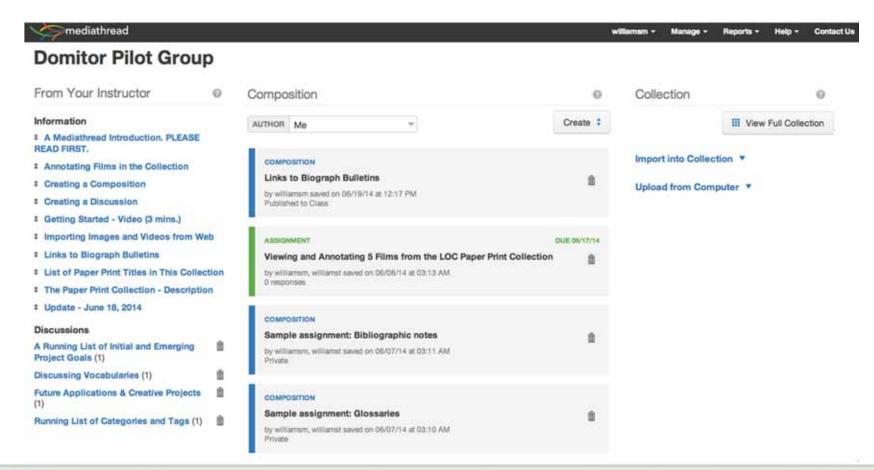


#### Select a Course

View courses from: This Year All Years Create new course Course Titles Term Instructor Role Actions Biograph Girls instructor manage **Domitor Editing SIG** instructor manage **Domitor Gender Studies SIG** instructor manage **Domitor Intermediality SIG** instructor manage Domitor/MEP Performance Class instructor manage **Domitor Performance SIG** instructor manage **Domitor Pilot Group** instructor manage Domitor Race and Ethnicity SIG instructor manage Film 46: US Broadcast Journalism Instructor manage Film 5000: Directions in Film Theory and History instructor manage Films Division India instructor manage Film Studies 20 Fall 2015 instructor manage Internet Archive instructor manage In the Life Pilot instructor manage Manzi Project Instructor manage MIRC Pilot Group instructor manage News Pilot Group instructor manage News Pilot Group -- TV Newsfilm SIG Instructor manage Red Hen instructor manage Sample Course instructor manage Science and Religion in American Media 14S non-member manage Women in Silent Film History instructor manage



# Media Ecology MEDIATHREAD AT DARTMOUTH Project



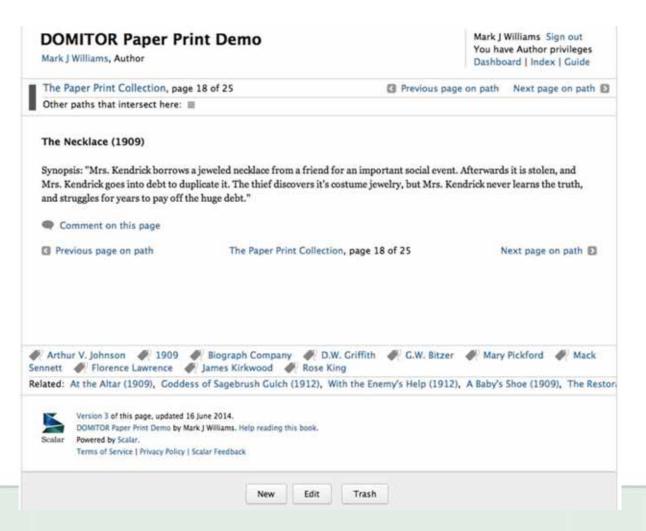


## Media Ecology MEDIATHREAD AT DARTMOUTH





## MEDIATHREAD AT DARTMOUTH





SCALAR "BOOK"

#### **DOMITOR Paper Print Demo**

Mark J Williams, Author

Mark J Williams Sign out You have Author privileges Dashboard | Index | Guide

#### Tags

George Nichols Clara T. Bracy Emmett C. Hall 1910 Dorothy West Arthur V. Johnson Wilfred Lucas American Mutoscope and Biograph Company 1903 American Mutoscope Company 1898 Arthur Marvin Lewin Fitzhamon William Heise 1896 1905 Hepworth James H. White 1900 Charles Manly 1902 Edwin S. Porter Edison Manufacturing Company 1904 Biograph Company Christy Cabanne Charles West Blanche Sweet 1912 Owen Moore Rose King Ruth Hart William Beaudine James Kirkwood Henry B. Walthall Florence Lawrence Charles Inslee Marion Leonard Mack Sennett Stanner E.V. Taylor Charles Avery Mary Pickford G.W. Bitzer D.W. Griffith 1909



DOMITOR Paper Print Demo by Mark J Williams. Help reading this book.

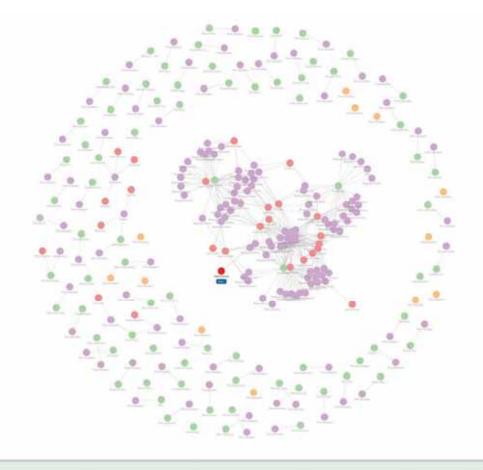
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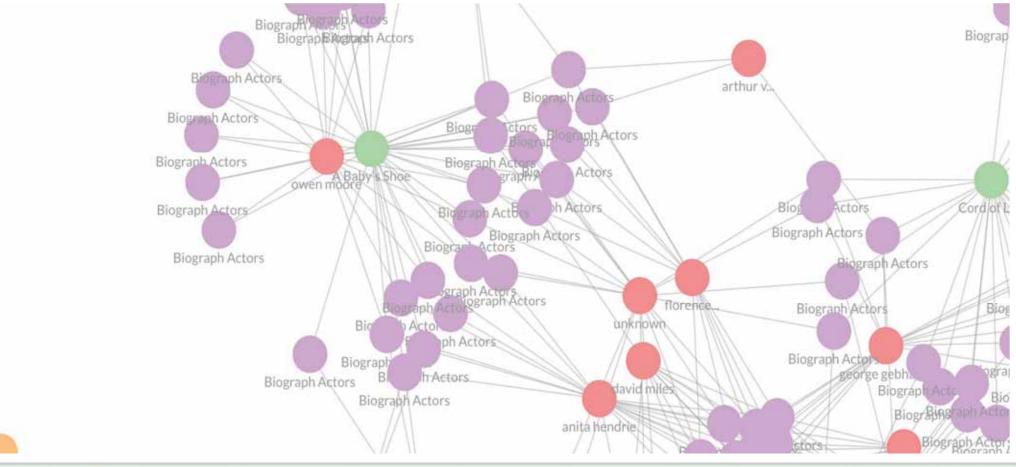
New Edit

#### SCALAR VISUALIZATION



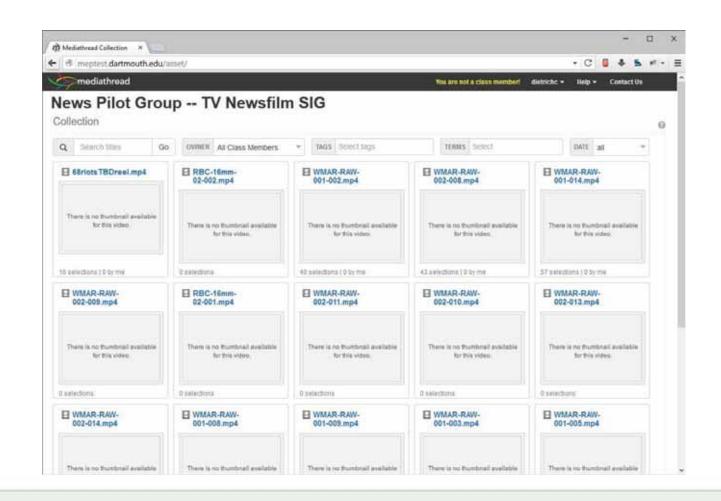


## SCALAR VISUALIZATION 2.0



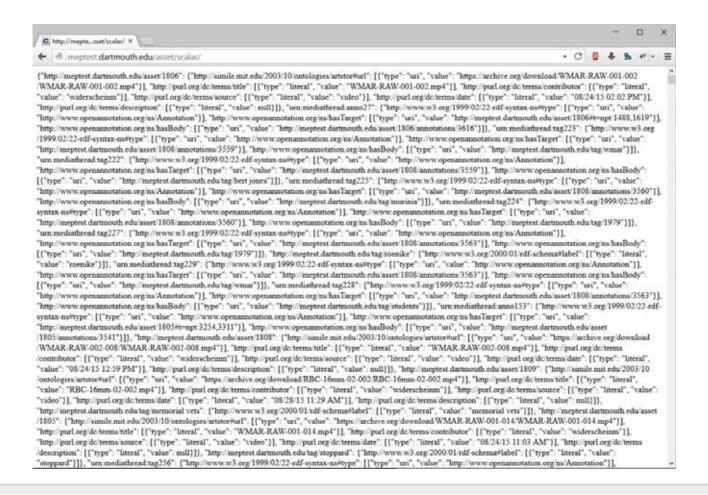


### SCALAR VISUALIZATION 2.0





### NEWS PILOT MT COLLECTION

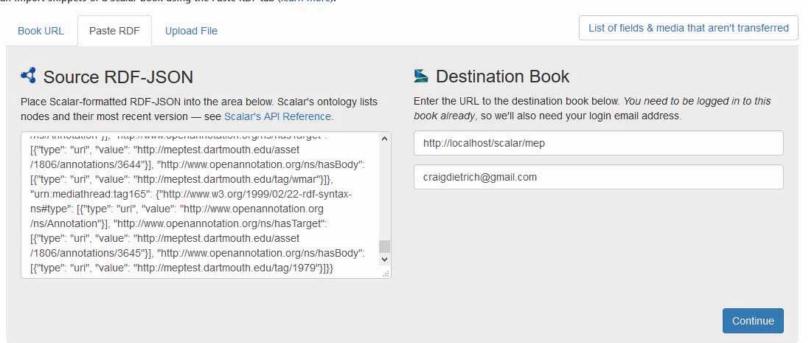




#### MT JSON OUTPUT

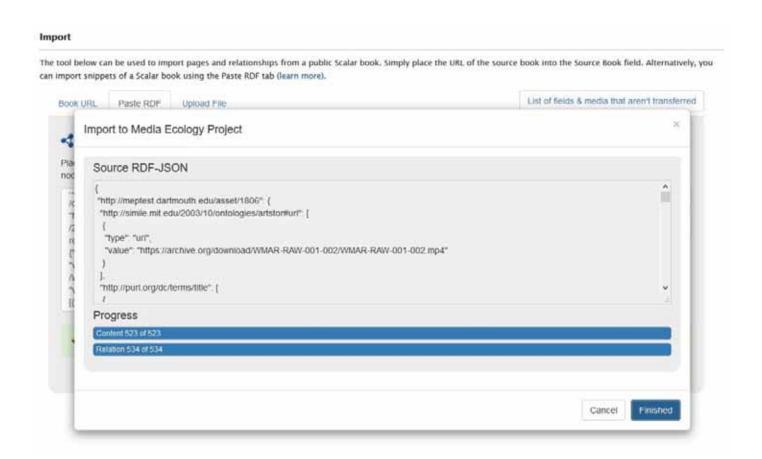


The tool below can be used to import pages and relationships from a public Scalar book. Simply place the URL of the source book into the Source Book field. Alternatively, you can import snippets of a Scalar book using the Paste RDF tab (learn more).



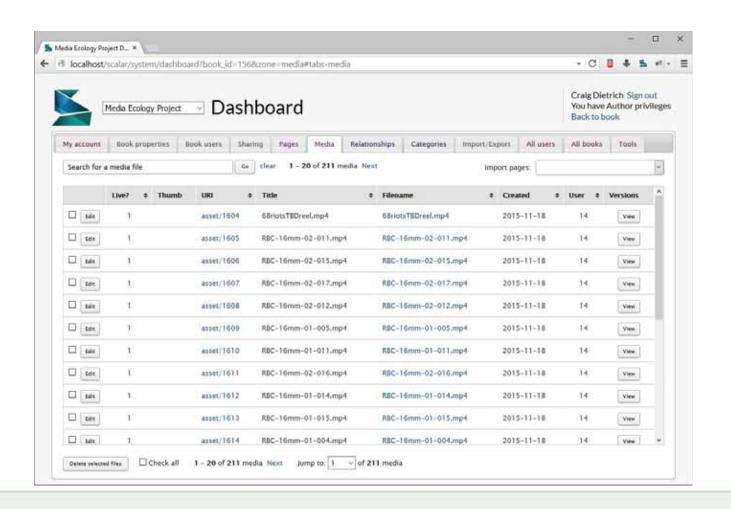


SCALAR IMPORT (1)



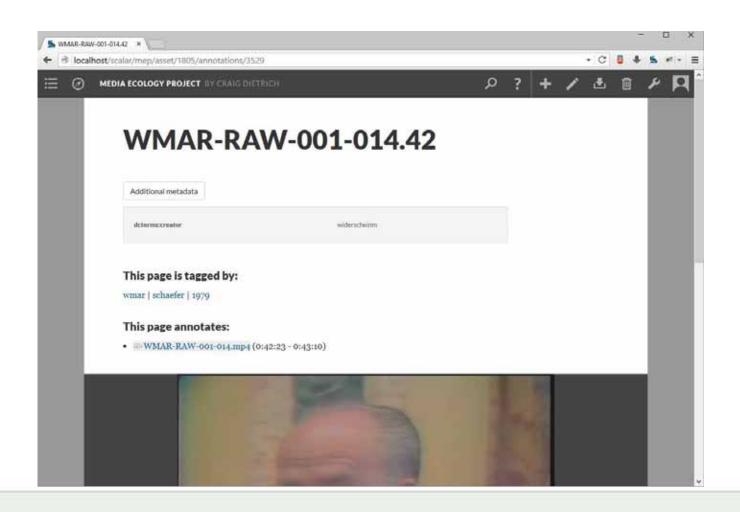


## SCALAR IMPORT (2)



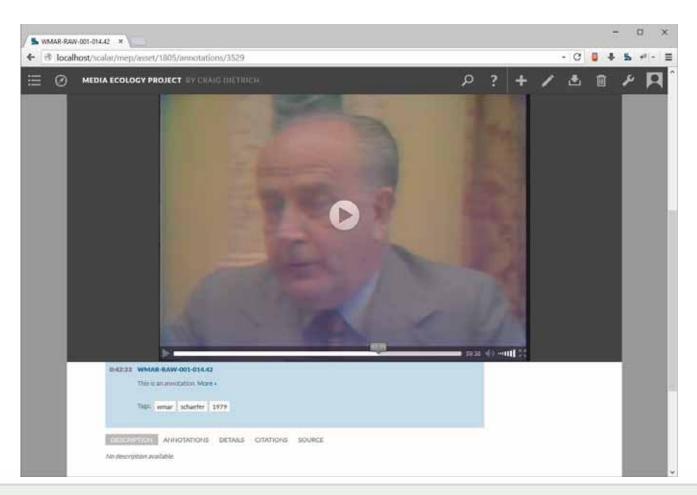


### MEDIA TABS ON DASHBOARD





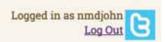
# Media Ecology ANNOTATION PAGE IN SCALAR





# ANNOTATION PAGE (SCROLLED)

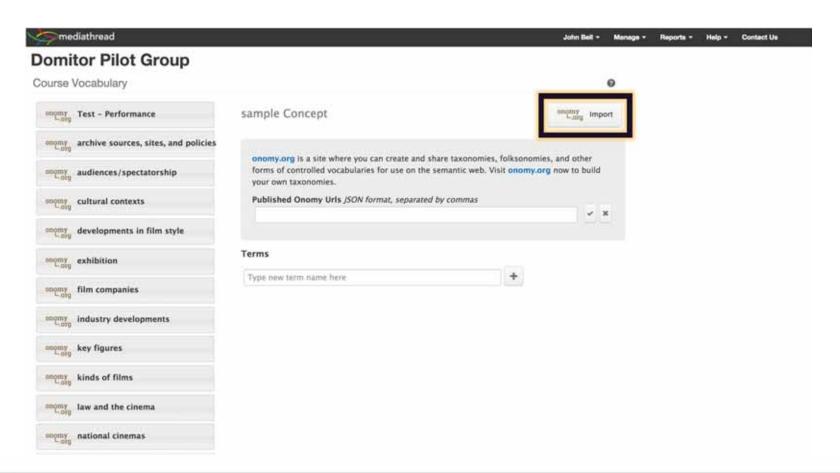
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Show 10 en	itries			Search:
Term -	Parent 0		Definition	
access	archive sources, sites, and policies			
Acres, Birt (Great Britain)	key figures			
acting styles	developments in film style			
actualités (non-fiction)	kinds of films			
Addams, Jane (USA)	key figures			
advertising	cultural contexts			
advertising films (non- fiction)	kinds of films			

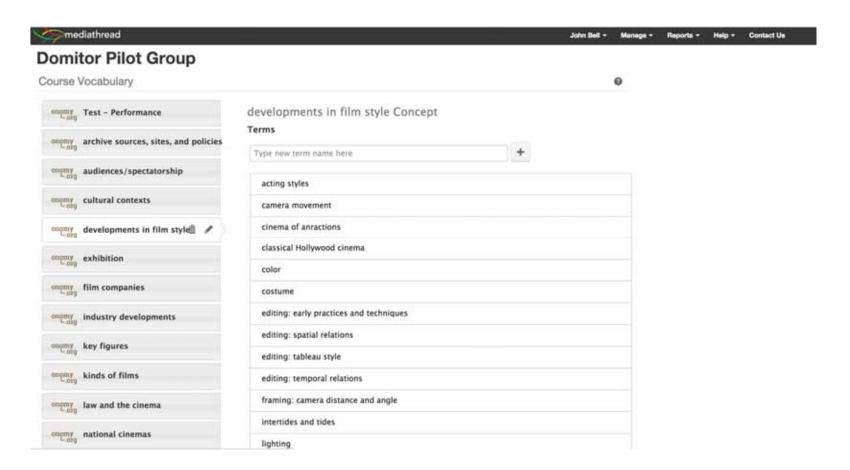


ONOMY.ORG (ABEL VOCAB)





ONOMY.ORG (ABEL VOCAB)





ONOMY.ORG (ABEL VOCAB)



**FOAF: Contributors** 



SKOS: Shared vocabularies



OA: Time-based open annotations



DC: Descriptive metadata and media ID

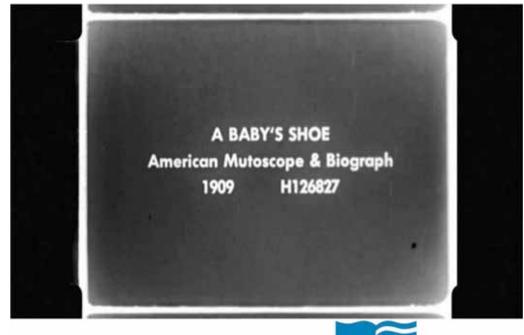


RDF: Encoding (XML and JSON)



#### **METADATA**

- Rare early cinema Paper Print collection from the Library of Congress, the Rosetta Stone of moving image culture
- Scholar participants from DOMITOR (international society for the study of early cinema) includes Prof. Tami Williams, Prof. Frank Kessler, Prof. Laura Horak, Prof. Doron Galili









# PILOT: PAPER PRINT COLLECTION

- Multiple archive sources including WGBH, University of South Carolina, UCLA, University of Georgia/Peabody Award Collection, and American Archive of Public Broadcasting
- Featuring newsfilm and video from both motion picture and television news sources
- Scholars include Prof. Mark Cooper (University of South Carolina) and Prof. Ross Melnick (UC Santa













# PILOT: HISTORICAL NEWS MEDIA

- Famous public television program that assayed gay and lesbian life in the United States
- Includes all programs plus all B-roll, interviews, etc.
- Assembling participant scholars to study materials and develop crossgenerational responses to the programs







#### PILOT: IN THE LIFE

- Films Division has produced statesponsored documentary, informational, and experimental cinema since India's independence in 1947
- Developing scholarly participation in both India and the US among both Faculty and Grad Students
- Developing new database with FD







### PILOT: FILMS DIVISION

- Alberto Manzi was esteemed interdisciplinary Radical Humanist figure in post-WWII Italy
- His program Non è mai troppo tardi aired 1959-1968 at dinner hour, is said to have greatly improved illiteracy rate
- Participation by Director General of Regione Emilia-Romagna, University of Bologna





## ALBERTO MANZI (RAI) STUDY

- Legendary powerful commercial broadcaster reached across UK and other European countries, changed popular taste culture for generations in defiance of national radio policies and practices
- Developing scholarly participation in Luxembourg with Prof. Andreas
   Fickers and Prof. Paul Lesch, etc.





## RADIO LUXEMBOURG STUDY

- ACTION
- Red Hen Lab
- Visual Learning Group
- Spehr/Dalton Film Data Rescue
- Archival Memory Studies Project
- Radio Preservation Task Force
- EU Screen participation



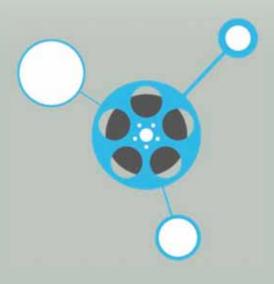


### AFFILIATED PROJECTS

- Advocate for <u>Archival digitization and online access</u>
- Work to develop a <u>Scholarly-Secure tier of access</u> to online collections
- Help to drive <u>21<sup>st</sup> Century digital scholarship</u> in our field
  - Raise awareness of endangered status of Media History
  - Pedagogy to produce metadata as part of visual culture studies
  - Engaged participation in dialectic btwn close and distant reading
  - Develop novel approaches that enable and grow crowd-sourcing



## COLLABORATIVE MEP GOALS



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