FRAME

Federating Repositories of Accessible Materials for Higher Ed: A New Collaborative Framework

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THE FRAME ORIGIN STORY

"What?!? You just did all that work remediating that book and you can't share it?"

**FRAME
is a collaboration
between
academic libraries,
repositories,
technologists,
and DSOs.**

FRAME: Federated Repositories of Accessible Materials for Higher Education

- *Four-year Mellon-funded project.*

- *Libraries, repositories, disability services offices (DSOs), & university presses.*

- *Creating a repository to provide federated access to metadata, source files, and remediated files.*

- *DSOs have access to retrieve or deposit files and ensure that recipients are qualified.*

The Libraries and DSOs

- *George Mason University*

- *University of Illinois*

- *Northern Arizona University*

- *Ohio State University*

- *Texas A&M University*

- *Vanderbilt University*

- *University of Virginia*

The Repositories

- *Benetech Bookshare*

- *HathiTrust*

- *Internet Archive*

- *EMMA, Educational Materials Made Accessible, a new repository at UVa based on Bookshare*

- *Soon, collaborating with, Ace, the Accessible Content ePortal from OCUL (the Ontario Council of University Libraries), in a test of Marrakesh.*

The Initial Priorities

- *Began with an environmental scan that revealed wide misunderstanding of legal issues by DSOs.*

- *Convened legal experts for January 2019 meeting at ARL in DC on "The Law and Accessible Texts"*

- *Produced White Paper, "Reconciling Civil Rights and Copyrights: The Law and Accessible Texts"*

- *Identified two significant needs:*
  —Metadata to describe remediated assets
  —Education about accessibility and remediation

Priorities for Phase One (2019-2020)

- *Initial focus on books*
- *Built on Bookshare technology stack*
- *Develop metadata model*
- *Develop Unified Search (across all four repositories)*
- *Develop UX for deposit of remediated resources*
- *Work with IA for initial batch upload process*
- *Initial piloting, feedback from DSOs*

FRAME Metadata Model

- **IDENTIFIERS**—*Parties, Users, Items, Public IDs, etc.*

- **BIBLIOGRAPHIC METADATA**—*Title, Contributor (e.g., authors), Publisher, Version (e.g., edition), Pub Date, Series (e.g., journal), Language, etc.*

- **ADMIN METADATA**—*Remediated By, Date Submitted, Source File, Provider of Source (e.g., Publisher), etc.*

- **REMEDIATION METADATA**—*Format, File Type, Features (e.g., tables, equations), Text Quality, Remediation Comments, EPUB Accessibility Metadata, etc.*

Priorities for Phase Two (2021-2022)

- *Expand scope to include journals, video, and audio*
- *Refine Unified Search (across all four repositories)*
- *Refine UX for deposit of remediated resources*
- *Develop standardized batch upload process*
- *Integrate two new partners, Ace and Ohio State*
- *Work with NISO to standardize metadata model*
- *Create membership org to be self-sustaining*
- *Create educational program*

FRAME Educational Program

- *Developing formal MS course to be delivered online Fall 2022 at Illinois*

- *Adopting modular course design to allow independent use of materials (i.e., standalone for training purposes; integrated for formal courses)*

- *Releasing materials online for access by current and future stakeholders*

- *Publishing materials under open license courses to encourage reuse*

Some Learning Goals

- *General background* on disability in higher education (demographics, disabilities, challenges, accommodations)

- Explain *the work of DSOs* to library school students (and vice versa)

- How to use the *metadata* developed for this project

- *Document/file formats, automated techniques* for remediation

- *Legal frameworks* that apply in this work

- Introduce *research opportunities* in the field

Resources

FINDINGS FROM INITIAL ENVIRONMENTAL SCAN
https://dl.tufts.edu/downloads/d504rx736?filename=fn1079946.pdf

PAPER PUBLISHED FROM THE WORK LEADING UP TO FRAME
https://doi.org/10.1002/pra2.2016.14505301027

WHITE PAPER FROM INITIAL FRAME LEGAL ANALYSIS
https://www.arl.org/resources/the-law-and-accessible-texts-reconciling-civil-rights-and-copyrights/

COLLEGES AND UNIVERSITIES INTERESTED IN JOINING EMMA:
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Thanks!

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