

FRAME

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

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We'd like to make this history.



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- *Most univ. libraries aren't involved with accessibility.*
- *Libraries have excellent IT and metadata expertise.*
- *There are repositories with gazillions of potentially useful books and journals.*



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

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- *Creating a system to provide unified access to metadata, source files, and remediated files.*
- *DSOs have access to retrieve or deposit files and ensure that recipients are qualified.*

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*“Led by UVa University Librarian John Unsworth, this project will **reduce duplication** of remediation efforts across participating universities, allow the **cumulative improvement of accessible texts**, and **decrease the turnaround time** for delivering those texts to students and faculty.”*

The Libraries and DSOs

- *George Mason University*
- *University of Illinois*
- *Northern Arizona University*
- *Texas A&M University*
- *Vanderbilt University*
- *University of Virginia*
- *University of Wisconsin*

The Repositories

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

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

Depositing a Remediated Resource

- *User logs in (DSO or library staff, not end user)*
- *Provides information about file (most of which is automatic if source file was via FRAME)*
- *Provides information about remediation done*
- *Librarian reviews and refines metadata*
- *If source was BS, HT, or IA, file goes to staging for retrieval by that repository*
- *If other source, file is stored in EMMA*

FRAME Unified Search

- *User logs in*
- *Searches across all four repositories based on ISBN, title, author, edition, etc.*
- *Results report format, file size, text quality, remediated aspects, remediation status, etc.*
- *Download chosen file based on access privileges (e.g., to obtain a file from HathiTrust, the library must be a member of HathiTrust)*



**This is making me
a wee bit nervous.**

Is this ... legal?

**Don't worry!
It's not only legal,
it's safe!**

The DSOs

- *control access,*
- *follow restrictions*
(e.g., from ATN),
- *ensure files only*
go to qualified
recipients.



FRAME Status

- *Piloting search, user experience, metadata, etc.*
- *Have > 1,000 remediated files deposited*
- *Will refine system as needed by January 2021*
- *Applying for funding another round (4/21–5/23)*
- *Will add selected additional colleges*
- *Have invited ATN to be a 5th repository*
- *Plan to add audio and video in Phase 2*

Check it out!

EMMA information website:

<http://emma.uvcreate.virginia.edu/>

Thanks!

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