Poster: Building a Hosted Platform for Managing Monographic Source Materials and Born Digital Publications through Library/Press Collaboration

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The Platform Components

**Analytica:** Rich usage statistics are essential for driving awareness of and enthusiasm about, the publication of digital scholarship. We will provide quantitative and qualitative analytics to authors, publishers, and sponsors in several ways:

- An analytics dashboard visible within the platform that will display basic usage statistics collected via the Google Analytics API, including visits, pageviews, pages/visit, bounce rate, average time on site, % of new visits, top pages, top referrals, and top search terms.
- A monthly report sent via email outlining the basic usage statistics available in the dashboard and.
- Access to the underlying Google Analytics account (separate interactive views for each Press) which makes available the full range of metrics Google Analytics collects, including data on technology used (browsers, operating systems, mobile/desktop), traffic channels (search, referrals, direct, social media), behavior flow, and user locations (e.g., country, continent, city).
- Admin tools will allow us to provide additional insights into the wider impact of these research publications to authors, publishers, and sponsors by tracking social media mentions, reports in news outlets, and other conversations about the work happening on the open web.

**Image:** Built on the Digital Image Library head (DIL) from Northwestern University for collections of still images.

**Video/Audio:** Built on the Audio/Video head from Northwestern and Indiana, for support of time-based media. Both the Image and Video/Audio heads will provide embeddable players for viewing and interaction from within the context of the assembled volume in the Publishing Workflow head.

**Reserves:** head will implement a number of functions specific to managing and providing access to library reserves, yet will be reconfigurable for scholarly publishing:
- setting granular permissions, allowing a mix of publicly accessible items with items restricted to individual or institutional reserves;
- context-aware repurposing through different channels (e.g., via the Union digital learning platform);
- a specific form of use tracking that meets requirements for learning analytics. Publishing Workflow head.

**U of M Library's Developing Hydra/Fedora Infrastructure**

**The Project Components**

**Publishing Workflow** head will support the submission, metadata creation, and access policy definition of source material content and audio content to other appropriate heads based on content type. An existing Hydra head designed for the presentation of exhibitions (Spotlight) may serve as a basis for development. The Publishing Workflow head's critical design features include:

- **Branding:** It must be able to support unique branding for each publisher template, including providing a distinct Open URL for each partner case study and using Search Engine Optimization (SEO) best practices to ensure correct representation in discovery services.
- **Authentication:** It must have the capability to restrict access to content, potentially behind a paywall, as well as providing open access.
- **Multi-part publication packaging:** It must include a framework to assemble media assets (text, images, video, etc.) into a single "volume". The media will be served from various Hydra heads designed to deliver that particular format (see below) with views embedded in the Publishing Workflow interface.

**Management** (MQAT) head will provide tools for governing the organization and presentation of the publication and curating the threaded interface for each participating Press. We will also provide an overview of repository objects associated with each Press. Stanford's Argo repository management and reporting module, which focuses on managing the integrity and closure of the whole Fedora environment, may provide a starting point for development work.

**Institutional Repository** head will provide data publishing, sharing, and curation oriented to stable, static assets, as well as persistent linking to both locally hosted content and external sources that have persistent identifiers. This head will build on Sufia, developed at Penn State University, as a Hydra implementation of an institutional repository curation and retrieval system.

**Blacklight** will provide the ability for users of the companion websites to conduct full-text search of any texts.

**XLRE Reader** to perform the transformations from TEI or JATS XML to HTML for viewing in the browser. Existing XSLT libraries, including the XSLT used by Michigan's own CLUES platform, can be used or adapted for this purpose.

**The Platform Projects**

**Indiana University Press: Sustaining Place through Music: Performance as Environmental Activism**, edited by David Rothenberg and Andrew Maton (University of Michigan Press, 2020). This book explores the role of music in environmental activism, utilizing case studies from around the world to illustrate how music can be used as a tool for environmental advocacy.

**University of Michigan Press: A Mid-Republican House from Gabii**, edited by Rachel Opitz (University of Arkansas), Marcello Mogetta (Free University, Berlin), and Nicola Tereus (University of Michigan). The Gabii Project is a major archaeological excavation focused on a large volcanic site near Rome in central Italy, conducted under the aegis of the University of Michigan.


**Northwestern University Press: The Director’s Room: E. T. A. Hoffmann and Russian Modernist Directors**, by Basia Pasierb. Northwestern University. Pasierb examines the creative work of four Russian literary avant-garde directors (Theodore Komiskey, Vsevolod Meyerhold, Alexander Tairov, and Sergei Eisenstein) in the context of their collaboration with German Romantic composer E. T. A. Hoffmann (1776-1822). From 1819 to 1922, when Hoffmann inspired a trilogy of activity that has been referred to as a “trip” or “hymn”, these avant-garde directors transposed literary techniques from Hoffmann’s stories and novels to theatre and film, using them to reintegrate Hoffmann’s otherwise abstruse detour with their directions’ notes and designs.


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