

Building the Duchamp Research Portal

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Project Timeline / Workflow

2014-2015: Received NEH Humanities Collections and Reference Resources planning grant, conducted user and [collection surveys](#)

2016: Completed planning period and submitted [white paper](#)

2017: Received NEH Implementation grant, began systematic digitization of archival collections (Backstage Library Works), hired developers (Design for Context), [analyzed sample data sets from partners](#)

2018: Developed target data models for [archives](#) and [art](#) crosswalked between [DACS and CIDOC-CRM](#), set [technical specifications](#), created and captured item level metadata in [spreadsheets](#), finished digitization, created wireframes for website

2019: Metadata creation completed, metadata ingested into ArchivesSpace using [spreadsheet plug-in](#) developed by Bobbi Fox, active development and testing of website

2020: Refinement of website, finalized translations for bilingual functionality, [data repository](#) created, rights negotiation

2020 and beyond: Onboarding new partners

The Duchamp Research Portal is an online platform that unifies the digitized archival holdings at the Philadelphia Museum of Art, Centre Pompidou, and Association Marcel Duchamp to make a significant portion of Duchamp's primary source materials freely accessible and discoverable through a single interface using IIIF and linked data.



<https://duchamparchives.org/>

Site going live in September. For a sneak preview, watch this [video!](#)

6 years in the making	40,000 images	18 archival collections
3 partner institutions	24,038 lines of metadata (PMA only)	824 works of art
24 people involved	\$260,000+ budget (not including salaries)	1 website

Conclusions

Linked data projects might seem intimidating but are achievable!

This short non-technical introduction [video](#) is a helpful place to start. Linked data work can be iterative and a great first step is to add URIs where possible in your collection management systems.

Work towards consistency, not perfection.

Perfect solutions are hard to attain but working towards consistency allows for repeatable/automated actions to fix or improve things.

Set up a team based on "A Role-Based Model for Successful Collaboration in Digital Art History"

This [model](#) proposes that successful projects should include the following roles: humanist, technologist, data steward, catalyst.

International copyright is complicated.

Allow ample time for rights work when working with international partners. The concept of "fair use" may not be applicable.

The Specs

Hosting: AWS with [Neptune](#) triple store

Images: Acquired from partner APIs or directly uploaded to AWS, presented using [IIIF](#) and [Cantaloupe](#) viewer

Data: EAD exported from ArchivesSpace and collections data from partner APIs is converted to RDF and JSON-LD

Search: [ElasticSearch](#) hosted by [Bonsai](#)

Authorities: [LCNAF](#), [ULAN](#), [VIAF](#), [AAT](#), [TGN](#), [Wikidata](#), local authorities

Standards: EAD3, DACS, CIDOC-CRM/[Linked.Art](#)