



# Answering Your Modernization Questions

Copyright Office Modernization  
Webinar Series

July 25, 2019

The webinar will begin  
promptly at 12:00 pm EST

**Copyright**  
United States Copyright Office

**To submit a question**, use the Q&A dialog box in the lower right corner. You may submit a question during any portion of this webinar, however, questions will be answered at the end of the presentation.

**Please note:** we may not be able to answer all questions received in the allotted time. Thank you.



**Karyn A. Temple**  
*Register of Copyrights  
and Director of the  
United States Copyright Office*

*Whether it is an individual creator or large business, true modernization of the Office will enable us to become user-centered, digitally enabled, and data-driven, and to meet the varied needs of an ever-evolving public while harnessing the power of innovation.*

*– United States Copyright Office  
Strategic Plan*







**Ricardo Farraj-Feijoo**

Director of Copyright  
Modernization Office



**Suman Shukla**

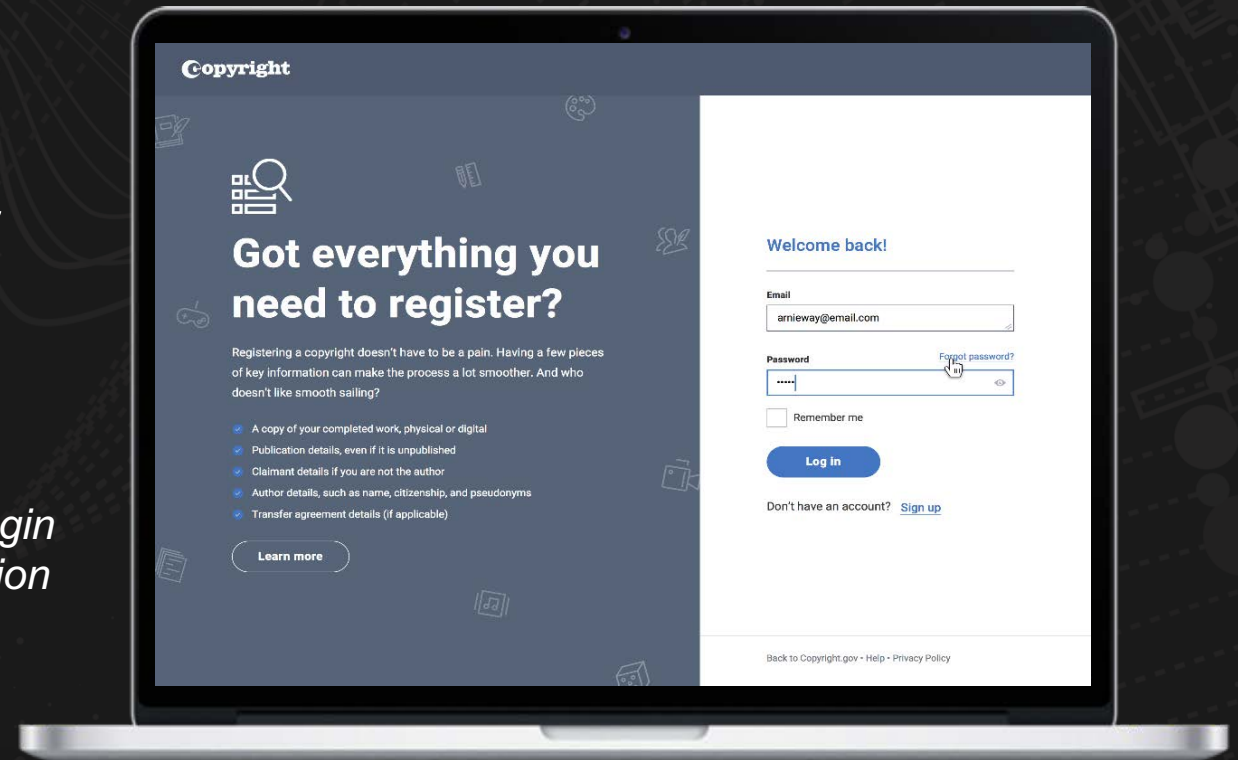
Data Management  
Section Head



1

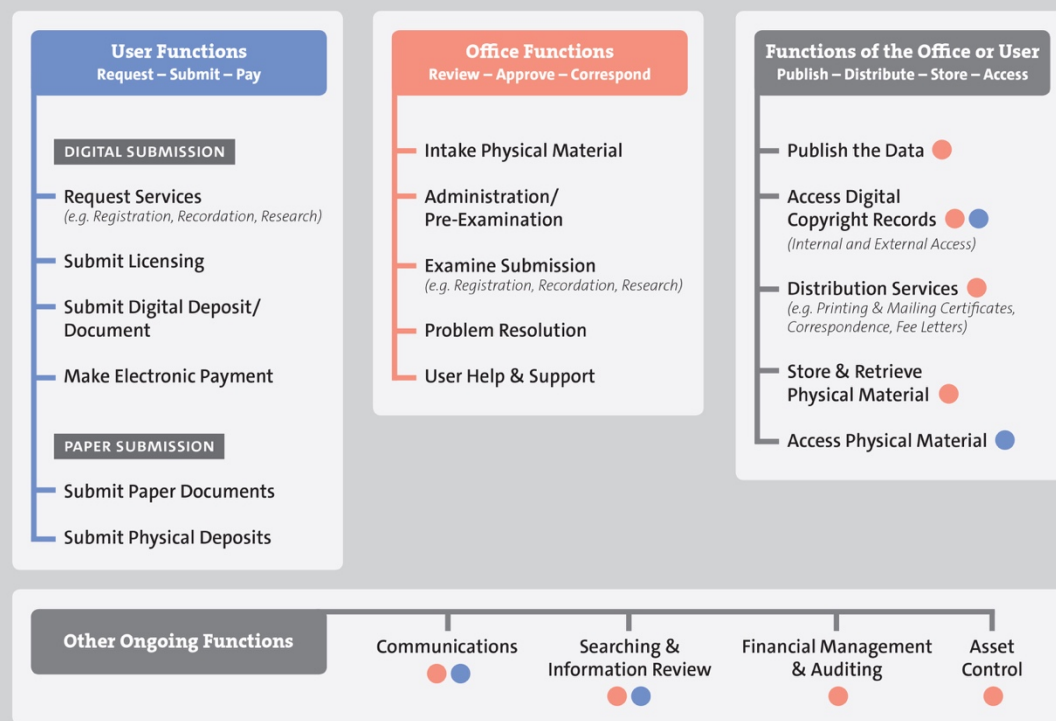
Can you clarify the difference between Enterprise Copyright System (ECS) user experience and the components of registration and recordation?

*Prototype concept of login screen to new registration component of the ECS.*



## Enterprise Copyright System

### Main Copyright Functions and Workflows



- The ECS is envisioned as the new, **web-based, cloud-hosted user-friendly platform** for the public to interact with the Copyright Office.
- **Global design and usability testing** are user experience aspects of the ECS.
- Specific systems functionality supporting recordation and registration processes are envisioned as **integrated components** of the ECS.

2

Will the new system uploading time be faster than now? Also, will we be able to upload a few items at the same time?







### Work deposit

It looks like you are submitting a **published literary work**, which means you must submit:


- two complete copies of the [best edition](#) of this work
- unless your book has been published only as an e-book, the best edition is the physical book

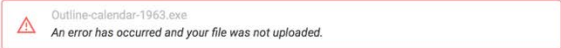
Deposit type




**Digital deposit instructions**

Drag and drop a digital copy of your work below. Please note acceptable file types and size. At least one file must be attached.


**Drag & drop or upload files**  
Accepted file types include .txt, .pdf, .jpg, .zip. File limit is 500MB.



Outline-calendar-1963.exe  
An error has occurred and your file was not uploaded.



Portrait-of-American-Royalty.jpg  
1.5 MB/2.4 MB



Manuscript\_KennedyCurse-101118.txt  
Waiting to upload

- A key goal of modernization is to **improve the user experience** and all aspects are being considered as part of systems modernization efforts, including **technology infrastructure** supporting the ECS with the goal of improving upload speeds and upload volumes.

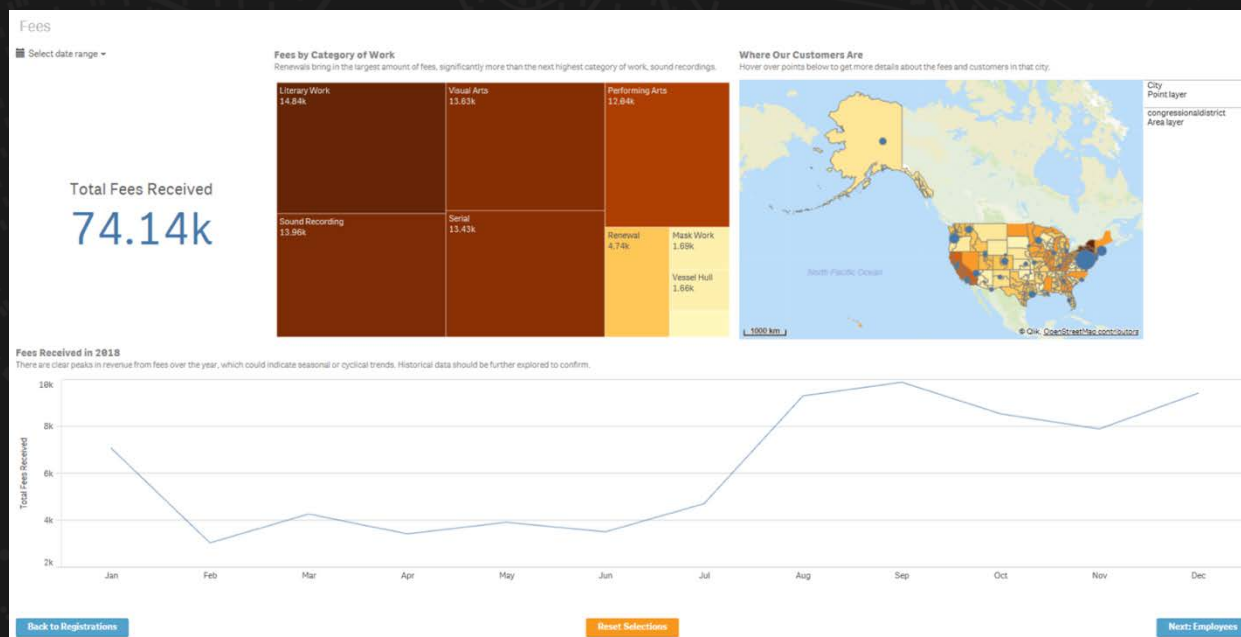
*Prototype concept of upload deposit screen to new registration component of the ECS.*

3

**What are some examples of the type of evidence-based decision making you anticipate?**

**Alternatively, what kinds of data will be available? (e.g. aggregate info on application types, geographic distribution, etc.)**





*Sample dashboard report displaying evidence-based data.*

- Evidence-based data will display the facts about the number of copyright registrations, recordings, deposits, and funding coming from a specific congressional district and/or location.
- Quality data
- Data transparency
- End to end mapping of Copyright Office information
- Facts backing up any decision making as per the Copyright Office strategic plan



4

As part of the digitization of the card catalog, will it be searchable? Also, will you be using Optical Character Recognition (OCR) with legacy cards?



**Copyright.gov**  
VIRTUAL CARD CATALOG (PROOF OF CONCEPT)

Virtual Card Catalog | Card Catalog

### Card Catalog

**Note:** By default, the complete collection is available for browsing. To narrow the results, filter the Indexes, Drawers, or Cards (1955-1977 only). To execute the filters, click on SAVE AND FILTER.

Step 1: Select Indexes | Step 2: Filter Drawers | Step 3: Filter by Card Text (Limited)

Select the indexes you would like to browse.  Select all indexes  Select indexes filterable by card text [Click here to learn more about indexes.](#)

Registrations | Assignments | Other Indexes

Card Catalog

1971-1977 [6496] (filterable by card text)  1955-1970 [6388] (filterable by card text)  1946-1954 [2636]

1938-1945 [2809]  1898-1937  Select all  1870-1897 [222]

Save and Filter

Selected Timeframes: All | Reset All Filters

Indexes Selected: All | Drawers Returned: 1 - 50 of 25,520 | Cards Returned: 1 - 50 of 41,501,265

**DISCLAIMER**  
This Proof of Concept is not a final version of the planned Virtual Card Catalog (VCC). The purpose of the VCC Proof of Concept is to test if this system can be used for online public access to the physical Copyright Card Catalog. The images appear in roughly the same filing order as the physical cards, but filing errors and corrupt images may cause some images to be in the wrong place. Enhanced browser capabilities are limited because data capture technology is not entirely accurate. We are working to update and improve overall functionality. Your feedback is essential to improving the system. This Proof of Concept does not replace or supersede existing search practices established by the U.S. Copyright Office. Any results obtained during the course of your enhanced browse are not reliable for legal matters. For information regarding searching copyright records, please refer to Circular 22 "How to Investigate the Copyright Status of a Work." For information regarding the removal of personal information from the Virtual Card Catalog, please refer to the Circular 16 "Privacy: Copyright Public Records."

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Two indexes, 1971-1977 and 1955-1970, can be searched by card text, as we have OCR data for them. The remaining indexes can be made searchable in the future as long as we have the OCR data extracted and attached to the images. The data perfection initiative will address the data issue to make the card catalog fully searchable.

*Virtual Card Catalog  
proof of concept*

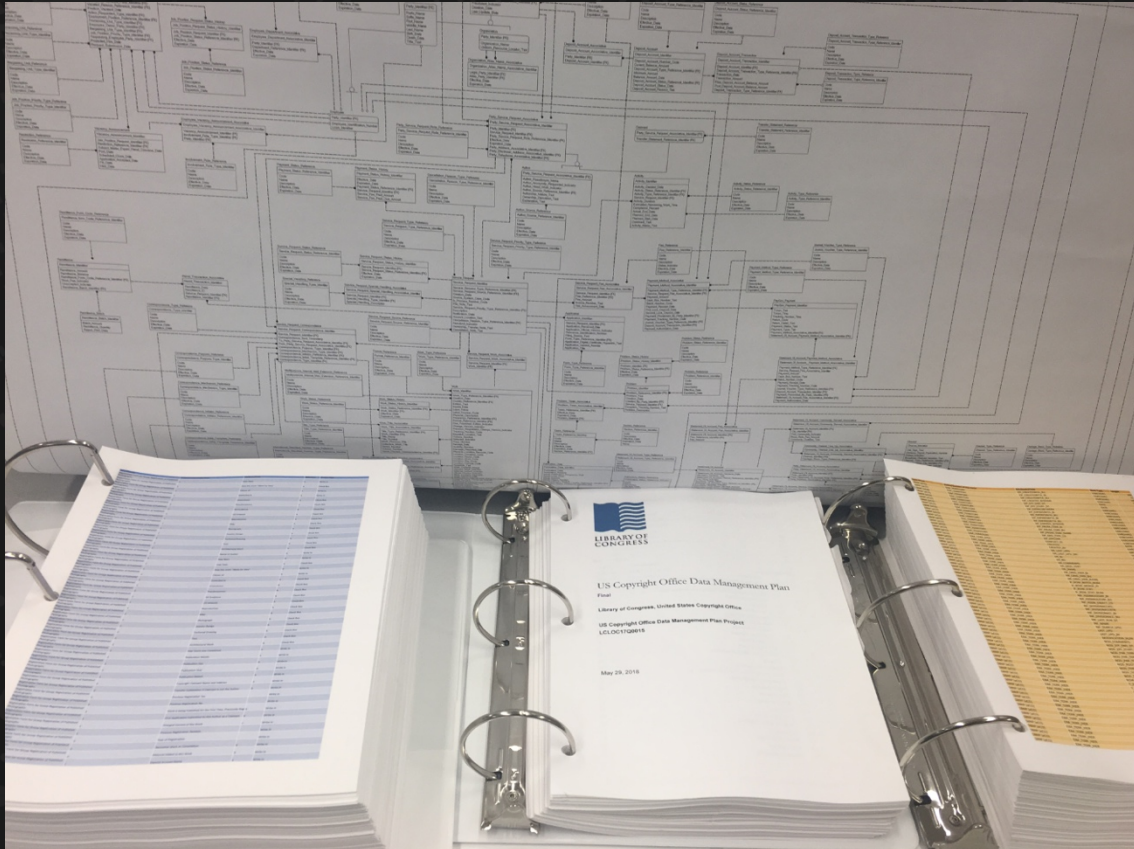


5

What is the Office's plan to integrate the user interface with the staff interface in the data model via a development effort?







- The current data model is a working model that can be used as a baseline to develop the future processes. It is platform agnostic and scalable to future capabilities.
- 18+ databases
- Baseline working model of current environment
- Source to target mapping and data dictionary available
- Scalable and compatible to the new system

## Questions?

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**Please note:** we may not be able to answer all questions received in the allotted time. Thank you.

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## Copyright Modernization

### What is Modernization?

Modernization is the Copyright Office-wide initiative to (1) build a new enterprise copyright system featuring a user-centered and flexible design, (2) streamline processes and policies, (3) improve access, and (4) reimagine the entire Office.

[Click here for more information about our modernization process.](#)

Modernization is transforming the Copyright Office  
[Attend our next webinar to learn more and ask questions](#)

#### What We're Working On

##### Comprehensive Access to Public Records

The U.S. Copyright Office has the largest collection of copyright records in the world. Members of the public seek out these records to find copyright owners and to get copies of completed and in-process registration records, recitation documents, and registration deposits. Because many of these records pertain to works under copyright protection, it is vital that the Office provide accurate and timely data. The Office is undertaking a holistic review of all of its public records and how to best provide access to those records.

The Office is in the process of transforming its historical records. We are converting the extensive, paper-based pre-1978 entries into digital format for improved public access, enhanced online search capabilities, and continued record preservation. As part of these overall efforts, the Office has launched a proof of concept Virtual Card Catalog that provides public access to images of the entire Copyright Card Catalog from 1870 through 1977. Additionally, the Office is working towards publishing as many additional historical records online as possible (including record books), which currently are physically housed in the Copyright Records Public Reading Room.

Additionally, the Office is transferring many of its records from legacy systems and making them more interactive and available. The Office is defining the new data elements and structure, which is intertwined with other modernization efforts such as the Enterprise Copyright System.

#### Resources

##### Documents

- Copyright Office Modernization Quick Facts – March 2019
- Modified U.S. Copyright Office Provisional IT Modernization Plan
- Provisional Information Technology Modernization Plan and Cost Analysis
- Strategic Plan 2016–2020: Positioning the United States Copyright Office for the Future
- Transforming Document Recollection at the United States Copyright Office
- Registration Modernization Notice of Inquiry
- Copyright Office Modernization Efforts - 2018 Year in Review
- Webinar Registration and Resources

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For More Information:  
[copyright.gov/copyright-modernization](https://copyright.gov/copyright-modernization)

Send Questions To:  
[askcmo@copyright.gov](mailto:askcmo@copyright.gov)