Modernization of the U.S. Copyright Office

MAY 30, 2019

The webinar will begin promptly at 12:00 noon eastern time
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.
INTRODUCTION

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copyright.gov/reports/strategic-plan
Data Management Plan

- Defines standards and processes for Office data assets to promote a user friendly environment.
- Seeks to identify the vulnerabilities in the Office’s current data structure and make copyright data digitally enabled.
- Creates data standards that foster how data is collected, stored, and analyzed for making data-driven decisions.
WHAT IS DATA MANAGEMENT?

- Findable
- Interoperable
- Transparent
Data Management Services

1. Data Governance
2. Data Quality
3. Digital Asset Management
4. Data Warehousing/Business Intelligence
5. Data Architecture Management Process
**Discover**
- Data discovery
- Data profiling
- Data inventories
- Process inventories
- CRUD analysis
- Capabilities assessment

**Measure and Monitor**
- Proactive monitoring
- Operational dashboards
  - Reactive operational DQ audits
  - Dashboard monitoring audits
- Data lineage analysis
- Program performance
- Business value/ROI

**Define**
- Business glossary creation
- Data classifications
- Data relationships
- Reference data
- Business rules
- Data governance policies
- Other dependent policies
- Key performance indicators

**Apply**
- Automated rules
- Manual rules
- End to end workflows
- Business/IT collaboration
DATA QUALITY

Quality Monitoring
Monitor
Examine data

Quality Transformation
Process flow
Execute

Quality Assessment
Capture metadata
Profile data

Quality Design
Data rules
Data flow
DATA ARCHITECTURE MANAGEMENT PROCESS

Data Management Strategies

Data Requirements for the Enterprise Copyright System
18+ databases analyzed and mapped

- 7,475 source system tables
- 1,335 tables identified with data
- 285 tables with business-relevant data
COPYRIGHT REGISTRATION FLOW

Receiving
- Receive mail station (RMS)
- Scan, IBAL label, barcode
- Tagging/indexing
- Submission complete?
- Yes
- No
- Dispatch selection (Category/Gender)
- Non-electronic correspondence

Registration
- Application complete? (App/Deposit/Fees)
- Examination complete?
- Certificate issued
- Public record

Recordation
- Online Service Provider (OSP)
- Application complete?
- Yes
- No
- Examination complete?
- Certificate issued

Licensing
- Submit application (D-fees)
- Process License (PL) examination
- Assign work
- Print correspondence

Acquisition
- Initiate Acquisition request
- Complete
- Yes
- No
- First notice
- No
- 2nd notice
- No
- Final notice

Incomplete Handling
- Incomplete queue

+CO Enroll Correspondence
Source to Target Map

Data Management Plan

Enterprise Data Model

Data Dictionary
For More Information:
copyright.gov/copyright-modernization

Send Questions To:
askcmo@copyright.gov