Where to Start?

Developing a Metadata Management Lifecycle

CODE 4 LIB 2021
What is metadata management?
What is metadata management?

According to Elaine L. Westbrooks, metadata management is “the implementation of a metadata policy (i.e. principles that form the guiding framework within which metadata exists) and adherence to metadata standards…[and] the process of acquiring and maintaining a controlled set of metadata with or without automation in order to describe, discover, preserve, retrieve, and access the data to which it refers.”
What is metadata management?

Metadata management describes the ongoing, cyclical nature of metadata work, which utilizes processes and policies guided by standards and best practices in the field to ensure the integrity, accessibility, discoverability, and interoperability of metadata.
Metadata management is ongoing.

It does not refer to a one-time cleanup project, but rather the long-term management of metadata in a system from metadata creation through its entire lifecycle.
Metadata management is cyclical.

The job of a metadata practitioner is never done. While metadata creation is one large aspect of the work, that metadata will likely be worked with again during its life to be improved upon, migrated to another system, crosswalked with other standards, cleaned up to follow newly implemented workflows or policies, etc.
Metadata management involves processes (i.e. workflows) and policies.

The act of establishing, revising, and utilizing local processes and policies for daily metadata work is one of the key aspects of metadata management. Policies reflect local standards or best practices, and the processes reflect the implementation of these policies in workflows.
Metadata management is guided by standards and best practices.
Metadata management’s goal is to ensure the integrity, accessibility, discoverability, and interoperability of the metadata we manage.
Proposing a lifecycle for metadata management
Metadata Management Lifecycle

SCAN
- Request
- Data
- Tools
- Team
- Obstacles

CATEGORIZE
- Type
- Components
- Recycle
- Reuse
- Rethink
- Iterate

DEVELOP
- Design
- Assess
- Test
- Review
- Iterate

IMPLEMENT
- Implement
- Review
- Iterate

EVALUATE
- Evaluate
- Sustain

CODE 4 LIB < 2021 >
Metadata Management Lifecycle

SCAN → CATEGORIZE
- Type
- Components
- Recycle
- Reuse
- Rethink
- Iterate

DEVELOP → IMPLEMENT → EVALUATE

CODE 4 LIB 🐝 2021 🌶️
Metadata Management Lifecycle

SCAN → CATEGORIZE → DEVELOP → IMPLEMENT → EVALUATE

DEVELOP
Design
Assess
Test
Review
Iterate

CODE 4 LIB 2021
Metadata Management Lifecycle

SCAN → CATEGORIZE → DEVELOP → IMPLEMENT → EVALUATE

IMPLEMENT
- Implement
- Review
- Iterate

CODE 4 LIB ▲ 2021 ▼
What’s next?