

Digital Scholarship Initiative

METADATA

CONCEPT AND EXAMPLES

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Metadata and Cataloging Librarian
NDSU Libraries

What is Metadata?


- “Attributes of an information or media resource”
- **Description**
 - Information Categories
 - Background Information
 - Coded Fields
- **Access Points**
 - Searchable / Machine-readable
 - Controlled Vocabulary
 - Linked Data

Metadata

[Cite](#) [Link](#) [Email](#) [Save](#)



by [Jeffrey Pomerantz](#) (Author)

 eBook 2015

Held by [North Dakota State University Library](#)

[View Description](#)

Publication: Cambridge, Massachusetts ; London, England : The MIT Press, [2015]

Physical Description: 1 online resource (xi, 239 pages) : illustrations.

More Author / Title Information: Jeffrey Pomerantz.

Language: English

Series: [The MIT Press essential knowledge series](#)
[MIT Press essential knowledge series.](#)

Contents: Introduction -- Definitions -- Descriptive metadata -- Administrative metadata -- Use metadata -- Enabling technologies for metadata -- The Semantic Web -- The future of metadata.

Subjects: [Metadata.](#)
[Information organization.](#)

Metadata Characteristics

- **Common Metadata Containers**

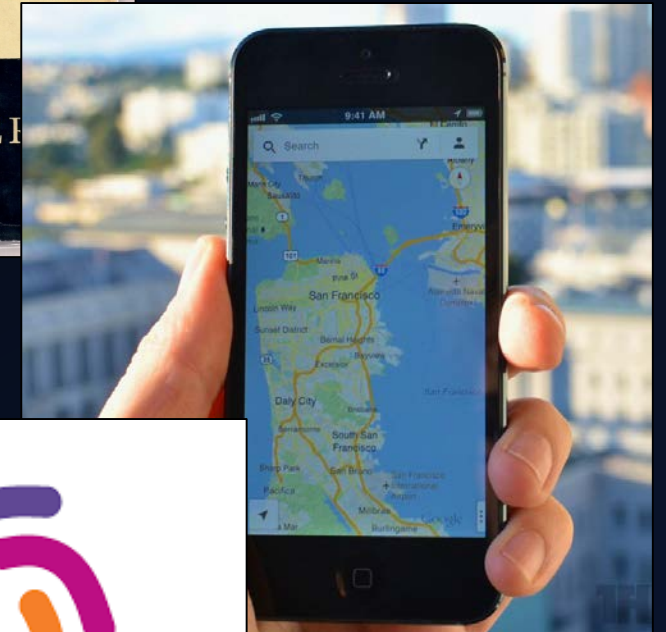
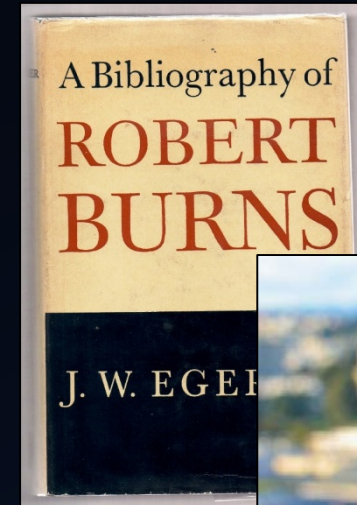
- Bibliographies, Maps, Database Records, etc.
- [WorldCat](#) and [Library Catalogs](#)
- Online Retail Websites

- **Technical Metadata**

- Machine-generated
- Software specific

- **Descriptive Metadata**

- User-generated
- Nature and purpose of resource



Metadata: Examples

- **NDSU Repository Datasets**
 - [Dublin Core Standard \(Examples\)](#)
 - Contextual information (title, nature/purpose)
- **Existing Metadata Standards**
 - [UCF Libraries: General Metadata Standards](#)
 - [Domain Specific: Standards for Disciplines](#)
 - [UT Knoxville: Agriculture Standards \(Guide\)](#)
- **Further Reading**
 - [Metadata](#) (Jeffrey Pomerantz, MIT Press)
 - NDSU Libraries eBook [Available Now](#)

