NLK's Activities & challenges of metadata standardization
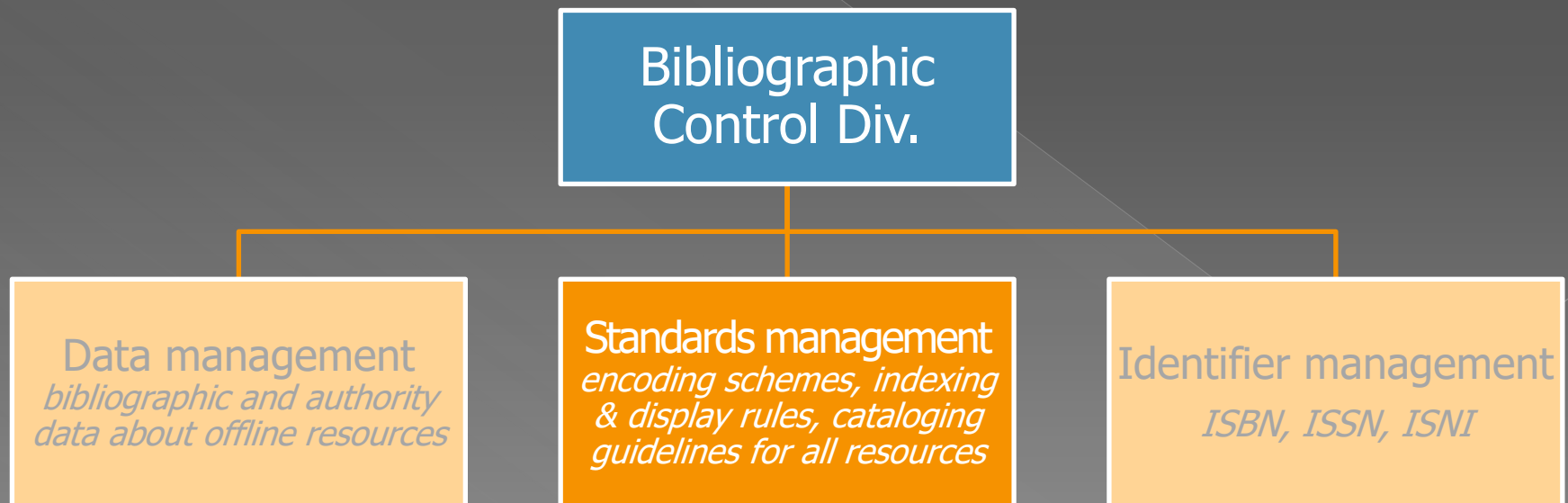
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Content

- about Us

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about Us

- Bibliographic Control Division in the NLK

  › NLK has responsible for bibliographic standardization according to the *Library Act*

  › Roles and functions of the division

Bibliographic Control Div.

Data management
bibliographic and authority data about offline resources

Standards management
encoding schemes, indexing & display rules, cataloging guidelines for all resources

Identifier management
ISBN, ISSN, ISNI

about Us

Cataloging
- metadata about online and offline resources
- authority data for personal & corporate name, and subject headings
- indices for monographs and serials
- by our catalogers and outsourcing

Metadata service
- Korean National bibliography, Korean Authority File
- OCLC batch load & metadata Romanization for Korean materials
- KOLIS-NET*(Cooperative Cataloging Programs) project
  * Korean Library Information-Network

Rules & Standards
- establishment and revision of KS for KORMARC
- schemes and guidelines for KORMARC, MODS and Dublin Core, mapping rules among metadata
- index and display rules for library catalogues
- International Standard Identifiers(ISBN, ISSN, ISNI)

Activities for metadata standards

- Efforts for metadata quality

  - KORean MARC (KORMARC)

    - Bibliographic, Authority, and Holdings formats listed in the Korean Industrial Standards (KS)

    - Published on a web page for librarians and libraries

    - Reviewed every five years for renewal and revisions are made, if necessary

Activities

- Efforts for metadata quality

  - Application and guidelines

    - Cataloging manuals for offline resources, for example monograph, serial, non-book, thesis and western book

    - Guidelines for authority data and NLSH(National Library of Korea Subject Headings)

    - Application guidelines for online resources based on MODS (Metadata Object Description Schema)

Activities

- Efforts for metadata quality

  - Crosswalks & mapping rules for various bibliographic metadata.

    - KORMARC – MODS

    - KORMARC – MARC21 for OCLC's WorldCat batch load

KORMARC–MARC21 data comparison

Activities

- Metadata promotion in Korea

  - Regional member of DCMI since 2006

    - Management of DCMI metadata terms interpretation for Korean language

      - In 2021, NLK revised and opened the 2020 version of DCMI terms in Korean on the official web page

    - Application guideline for Open Access Korea system based on DC

      - OAK = Korea National repository and collaboration network

Activities

- Metadata promotion in Korea
  - Data service management
    - Web service of Korean National Bibliography
    - KNB (Korean National Bibliography) Global project via OCLC-WorldCat batch-load since 2016
    - KOLIS-NET (Cooperative cataloging system among Korean libraries)
  - Education and training for librarian and commercial vendors
    - Introduction to the metadata in the library and information field
    - Metadata management and application for new types of resources

Activities

- Indexing and display rules for library catalogues

  - Indexing

    - Main & added entries in tradition (card) catalogue

    - Access points in modern catalogues (metadata)

    - Determining the indexed scope and elements of metadata underlying library search engines

  - Display

    - Specify a brief and detailed display of library search results

    - Similar display representation regardless of metadata type

our Future

- High quality, but low cost

  › *Our works should be improved to be more intelligent and efficient*

  › Excavating and using non-library data in cataloging workflow

    • Journal article metadata and KCI (Korean Citation Index) by National Research Foundation in Korea

  › The more standardization of data format is strengthened, the higher the possibility of automatic conversion and use of external data

our Future

- Rethinking Library Search

  - *The ultimate goal of standardizing library data is for users and machines to explore our resources better*

  - Advanced search algorithms optimized for on our own resources

  - Taskforce with our staffs and library experts from Aug. 2021

    - Review and correct index rules and ranking criteria

    - If not Google, it is required to pay attention to our unique features of the library search

our Future

- National Bibliography 2030

  › Transforming MARC based framework to Linked Data
    (BIBFRAME) until 2030

1	Application of global bibliographic standard model and rules
2	Development of K-BIBFRAME standard and glossary
3	Network and governance with libraries in Korea
4	Empower our staffs with metadata expertise and skills

Q&A

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