KORMARC data mapping for BIBFRAME transforming

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OVERVIEW

Project

BIBFRAME implementation : pilot project

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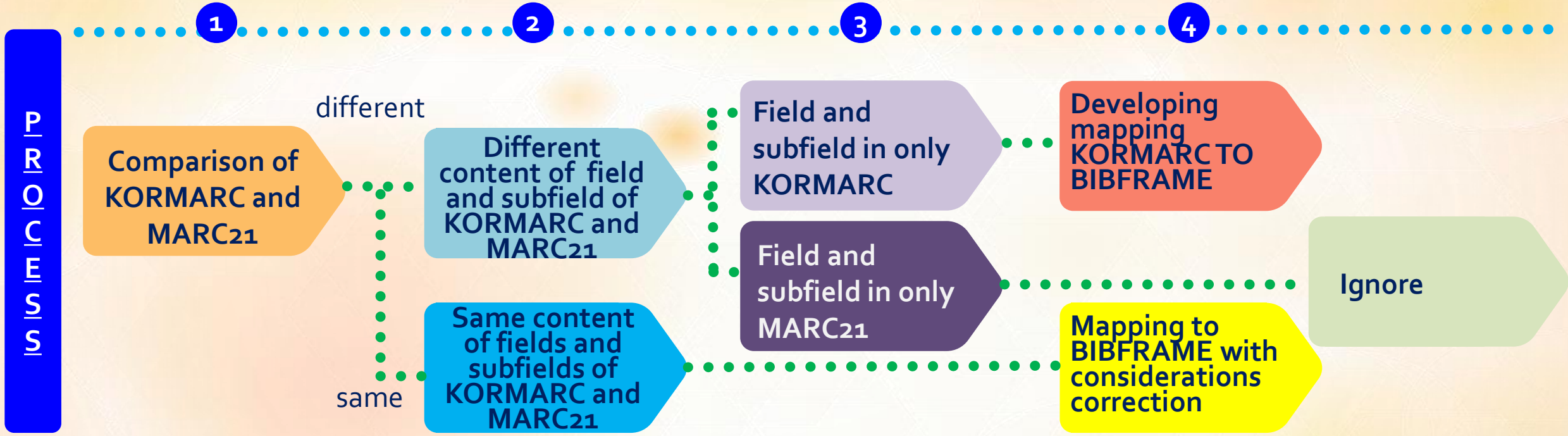
Literature Reivew

Mapping

Mapping KORMARC TO BIBFRAME

Programming

Transforming KORMARC Data to BF using converting program


PROCESS
1
2
3
4
Comparison of KORMARC and MARC21
different
same
Different content of field and subfield of KORMARC and MARC21
Same content of fields and subfields of KORMARC and MARC21
Field and subfield in only KORMARC
Field and subfield in only MARC21
Developing mapping KORMARC TO BIBFRAME
Ignore
Mapping to BIBFRAME with considerations correction

MAPPING

4

Developing mapping KORMARC TO BIBFRAME

Leader/06 w - Rare Book new type of resource

007/04 - f (skin) includes n–vellum & v–leather in MARC21

008 rare book Kwangkak, Geisun, Pangu, Yemi → ignore

012 – NLK Control Number I - identifiedBy - Nlkcn - rdf:value

052 - NLK call number W - classification - ClassificationNlk

056 – Korean Decimal Classification W - classification – ClassificationKdc

246 2nd indicator- 9 original title same with 240 ▼a in MARC21

→ Work - expressionOf – Hub - title - Title – mainTitle, OR

→ W - title – VariantTitle - variantType -"original title"

- mainTitle - literal

MAPPING

4

Developing mapping KORMARC TO BIBFRAME

Local Field – item based processing

- 049 : Item - Item level mapping
- 090 : local call number – Item level mapping (It is similar to MARC21 obsolete 09x)

Field 049 - Holding

subfield	BIBFRAME mapping
	Item -
▼a – holding organization	## - heldBy - Agent – http:// … /vocabulary/organizations/ … ; add bf:code "▼a content"
▼ l – item number	## - identifiedBy - rdfs:value "▼l content"
▼v – volume	## - note - Note - rdfs:label "▼v content"
▼c – copy	## - note - Note - rdfs:label "▼c content"
▼f – location mark	## - physicalLocation - rdfs:label "▼f content"

090 – Local call number

subfield	BIBFRAME mapping
	Item - shelfMark – ShelfMark
▼ a – Classification number	## - classificationPortion - string
▼ b – Item number	## - itemPortion - ▼b content
▼ c – Volume number	Ignore → see 049 ▼c
▼ o Authority record control number	See Subfield ▼o spec
▼ f – location mark	## - physicalLocation - rdfs:label "▼f content"

CHALLENGES

Reuse, Develop or Publish URI for data value

- Reuse URI using language attributes

[example] ## - http://id.loc.gov/vocabulary/contentTypes/txt ; add **lang="kor"** rdfs:label "문자자료"

- Developing and publishing new URI for data values if there are no ID

example: URI for Leader/18 - KCR3

URI for Korean library

URI for Place of publishing

URI for University code, et. al

Clear description in choosing among Conversion 1, 2

- For choosing among conversion options, condition must be clear

example : Field 245 there are 2 option

I - title – VariantTitle ← having field 240

W - title – VariantTitle ← not having field 240

Hub definition is not clear

- Leader/06 record type q – BibHub → W - rdf:type – Hub
- 130/240/7xx → Work - expressionOf – Hub

CHALLENGES

What source data will be?

- Future library base data is MARC data or BIBFRAME Linked data?
- But mapping is not all MARC data
  - There are many 'ignore'
  - 013(patent number), 018(copyright), 031(Musical incipits information), 066(Character sets present) et. al are not changed to BIBFRAME

Typo and late update

- 110/710/810 Subfield ▼0
identifiedBy - Identifier - rdf:value "number" ; source - source - code "isni"
- Subfield ▼o-arrangement
- rdf:type - bf:Arrangement
- 700/710/711 Subfield ▼t – title of work
- title - Title - mainTitle – concatenate all subfield except ▼h, ▼i, ▼v, ▼w, ▼x, ▼0-8
→ ## - title - Title - mainTitle - concatenate all subfield except ▼h, ▼i, ~~▼v, ▼w,~~ ▼x, ▼0-8

- 830 Subfield ▼a, ▼v
bflc:relationship - bflc:Relationship - bflc:relation - → relationship - Relationship - relation - (bflc:Relationship, bflc:Relation, bflc:relationship, bflc:relation are moved to BF)

THANK YOU!

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