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Primo VE Advanced Normalization Rules Workshop


BenYishai Ze'evi | September 14, 2023

- ❖ Search and Facet Normalization Rules
- ❖ Local Search index & Local Facets
- ❖ Data manipulation & Regex



Local Fields for Search/Facet

< Define a Local Field Back Save

Field to edit * Display label * 

Local field details v

Enable field for search <input checked="" type="checkbox"/>	Use the parallel Local Field 01/50 from the Dublin Core record <input type="checkbox"/>
Enable field for facet <input checked="" type="checkbox"/>	Use full text links for indexing <input type="checkbox"/>
Use Translations <input type="checkbox"/>	



Local Fields for Search/Facet

Acquisitions	Other
Resources	Mapping Tables
Discovery	Resource Recommender Configuration
Leganto	Central Index and proxy set-up
Fulfillment	Primo Deep-Link Re-Direct Configuration
Resource Sharing	Suppress Dedup/FRBR
User Management	Dedup and FRBR Test Utility
General	Customer Settings
Analytics	URL Mapping
	Citations Styles
	Local Fields using Search and Facet Normalization Rules
	Primo VE Deep Search Configuration
	Exclude Process Types from Discovery Indexing

< Local Fields using Search and Facet Normalization Rules

1 - 4 of 4

	Field
1	Local Field 01
2	Local Field 08
3	Local Field 10
4	Local Field 15



Local Fields for Search/Facet

MARC21 Normalization Rules

Normalization rule	Updated by	Updated date	
1 MARC21 normalization rule for display	-	-	...
2 MARC21 normalization rule for search and facet	-	-	...

UNIMARC Normalization Rules

Edit
Test

Normalization rule for local_field_40

```
rule "Primo VE Marc - Lsr40"  
  when  
    MARC is "XXX"."a"  
  then  
    create pnx."search"."lsr40" with MARC "XXX"."a"  
  end
```

Close Save



Local Search Index

View Configuration

TR_INTEGRATION_INST:GoVE

View Name Go Primo VE

General Links Menu Search Profile Slots Advanced Search Configuration Brief Results

Brief Record Display Full Record Services Manage Customization Package

List of Indexes

Enable For Basic Search

- 10 of 10 Restore + Add Index

Search for: Everything Library Catalog Articles Course Reserves

Search filters

Any field

AND

+ ADD A N

Subject

Author/creator

Course ID

ISSN

Material Type

Language

Start Date:

End Date:

LIBRARY SEARCH JOURNAL SEARCH GO TO BACKOFFICE TAGS ILL REQUEST CITATION LINKER ...

Search anything

All items

anywhere in the record

in subject

as author/creator

Course ID

ISSN



Local Facets

View Configuration Back

TR_INTEGRATION_INST:GoVE ▼

View Name Go Primo VE

General Links Menu Search Profile Slots Advanced Search Configuration Brief Results

Brief Record Display Full Record Services Manage Customization Package

Facets ▼

Restore + Add a Local Facet ▼ ↗ ⚙



NR Transformations

1. remove substring using regex "<Java_regex>"
remove substring using regex \\.+\$
2. remove substring using regex (TEMP"<index>", "<Java_regex >")
remove substring using regex (TEMP"1", "(/|:|;|=|,)+\$")
3. concatenate with delimiter (TEMP"<index>", TEMP"<index>", "<delimiter>")
concatenate with delimiter (TEMP"1", TEMP"2", " ")



NR Transformations

```
4. add prefix (TEMP"<index>", "<value>")
add prefix (TEMP"2", "$$Q")
```

```
5. add suffix (TEMP"<index>", "<value>")
add suffix (TEMP"2", "$$Q")
```

```
6. replace string by string (TEMP"<index>", "<Java_regex>", "<string>")
replace string by string (TEMP"1", "[^0-9]", "\\?")
```



NR Transformations

```
7. sub without sort "<subfield list>" wrap subfields
replace wrapping
delimiters (TEMP"<index>", "<subfield>", "<prefix_delimiter>", "<suffix_delimiter>")
set TEMP"1" to MARC."200" sub without sort "a,b,c,d,e,f,g,h,i,v" wrap subfields
replace wrapping delimiters (TEMP"1", "a", " ; ", "")
replace wrapping delimiters (TEMP"1", "b", " [", "]")
```

```
8. return list using regex (TEMP"<index>", TEMP"<index>", "<Java_regex>")
return list using regex (TEMP"1", TEMP"2", ".*ology")
```



NR Transformations

9. remove string (TEMP"<index>", "<value>")
remove string (TEMP"1", "<<")

10. remove leading and trailing spaces (TEMP"<index>")
remove leading and trailing spaces (TEMP"1")

11. replace spaces (TEMP"<index>", "<string>")
replace spaces (TEMP"1", " ")

12. lower case (TEMP"<index>")
lower case (TEMP"1")



Thank you!

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We hope you enjoyed our presentation as much as we did!

Please fill out this short survey:



<https://www.surveymonkey.com/r/889CXSZ>

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