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Primo VE Basic Normalization Rules Workshop

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- ❖ Normalization Structure & Syntax
- ❖ Display Fields
- ❖ Local Fields



Mapping to the Display, Facets, and Search Sections in the Primo VE Record

Alma Production	Search Configuration Search Profiles ★ Ranking Configuration
Acquisitions	Display Configuration Configure Views Manage display and local fields Manage Tags Labels
Resources	
Discovery	Loading External Data Sources Discovery Import Profiles
Fulfillment	Publishing Publishing Profiles
Admin	Other Resource Recommender Configuration Central Index and proxy set-up
Analytics	

1. Introduction
2. Primo VE Display Section
 - 2.1. MARC21 and KORMARC - Display Mapping
 - 2.2. UNIMARC - Display Mapping
 - 2.3. CNMARC - Display Mapping
 - 2.4. Dublin Core - Display Mapping
3. Mapping Resource Types in Primo VE
 - 3.1. MARC21 and KORMARC - Resource Type Mapping
 - 3.2. UNIMARC - Resource Type Mapping
 - 3.3. CNMARC - Resource Type Mapping
 - 3.4. Dublin Core - Resource Type Mapping
4. Primo VE Facets Section
 - 4.1. MARC21 and KORMARC - Facets Mapping
 - 4.2. UNIMARC - Facets Mapping
 - 4.3. CNMARC - Facets Mapping
 - 4.4. Dublin Core - Facets Mapping
5. Primo VE Search Section
 - 5.1. MARC21 and KORMARC - Search Mapping
 - 5.2. UNIMARC - Search Mapping
 - 5.3. CNMARC - Search Mapping
 - 5.4. Dublin Core - Search Mapping



DROOLS

```
rule "title"  
  when  
    Condition1 <Boolean operator>  
    Condition2 <Boolean operator>  
    ...  
    Condition(n)  
  then  
    Action1  
    Action2  
    Action(n)  
end
```

Normalization rule for Edition

```
rule "Primo VE - Complete Edition 250"  
  when  
    MARC."250" has any "3,a,b"  
  then  
    create pnx."display"."edition" with MARC."250" sub without sort "3,a,b"  
  end  
  
rule "Primo VE - Complete Edition 880-250"  
  when  
    MARC."880" has any "3,a,b" AND  
    MARC."880"."6" match "250-.*"  
  then  
    create pnx."display"."edition" with MARC."880" sub without sort "3,a,b"  
  end
```

Restore Default

Close

Save



Documentation & Examples

Home » Primo » Product Documentation » Primo VE » Primo VE (English) » Display Configuration » Configuring Normalization Rules for Dis

Configuring Normalization Rules for Display and Local Fields

Home » Primo » Product Documentation » Primo VE » Primo VE (English) » Display Configuration » Managing Display and Local Fields for P

Managing Display and Local Fields for Primo VE

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Configuring Local Search and Facet Fields for Primo VE

Home » Primo » Product Documentation » Go VE » Step 3: Configuration » Go VE: Converting Local Fields in Primo to Primo VE

Go VE: Converting Local Fields in Primo to Primo VE

Home » Primo » Product Documentation » Go VE » Step 3: Configuration » Go VE: Customizing the Default Display Fields in Primo VE

Go VE: Customizing the Default Display Fields in Primo VE



The screenshot shows the ExLibris Developer Network Tech Blog page. The header includes the ExLibris logo (a ProQuest Company) and the text 'DEVELOPER NETWORK'. The main content area features a 'Tech Blog' title with a circular graphic background. Below the title, the article title 'Primo VE Normalization Rule Examples' is displayed.

Display Fields



View Configuration

TR_INTEGRATION_INST:GoVE

View Name Go Primo VE

General Links Menu Search Profile Slots Advanced Search Conf

Brief Record Display Full Record Services Manage Customization Pac

Display Fields

Fields

1	Vernacular Title ; Title
2	Creator ; Contributor
3	Creation date ; Dissertation
4	-

Brief Display

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

Restore

Code	Description		
1	searchWithinJournal	Search for articles within a journal	
2	quickAccess	Quick Access	
3	getit_link1	View It/Get It	
4	ngrs	prima.services.ngrs	
5	details	Record details	

Full Display

Edit Full Display Details

TR_INTEGRATION_INST:GoVE

Delimiter * ;

Restore + Add Field

Fields

1	Title ; Vernacular Title
2	Creator ; Contributor
3	Is Part Of



Local Fields

Alma Production

Acquisitions

Resources

Discovery

Fulfillment

Admin

Analytics

Manage Display and Local Fields

Cancel

1 - 24 of 24 [+ Add field](#) Apply rules

	Field	Field	Updated by	
1	local_field_01	Sort	exl_support	...
2	local_field_02	Sort	exl_impl	...
3	local_field_03	Rights	exl_impl	...
4	local_field_04	Author Fixed	exl_support	...
5	local_field_05	Notes	exl_support	...
6	local_field_06	Content	exl_impl	...
7	local_field_07	MDA	exl_impl	...
8	local_field_09	OCLC SEARCH FIELD	exl_support	...
9	local_field_100	Notes	exl_impl	...

Add display field

Add local field



Local Fields

Normalization rule for local_field_01

```
rule "Primo VE - Lds01"  
  when  
    MARC is "362"."a"  
  then  
    create pnx."display"."lds01" with MARC "362"."a"  
  end
```

Close

Save

Define a Local Field Back Save

Field to edit * **local_field_01** ▼ Display label * 🔗

Local field details ▼

Enable field for search Use the parallel Local Field 01/50 from the Dublin Core record

Enable field for facet Use full text links for indexing

Use Translations

MARC21 Fields ▼

[+ Add MARC21 Fields](#) ▼

No fields selected

MARC21 Normalization Rules ▼

🔗 ⚙️

Normalization rule	Updated by	Updated date	
1 MARC21 normalization rule for display	-	-	⋮



MARC to local_field

- The available fields for **MARC21** and **KORMARC** are:
009, 09X, 490, 5XX, 69X, 9XX
- The available fields for **UNIMARC** are:
3XX, 6X9, 69X, 9XX
- The available fields for **CNMARC** are:
009, 225, 3XX, 410, 411, 69X, 9XX

Define a Local Field

Field to edit * local_field_01

Display label * Technical Reports

Local field details

- Enable field for search
- Use the parallel Local Field 01/50 from the Dublin Core record
- Enable field for facet
- Use full text links for indexing
- Use Translations

MARC21 Fields

1 - 1 of 1

+ Add MARC21 Fields

MARC21 Field	
1	500



Rule Syntax

Existence Checks

When

- MARC is "<field>"
- MARC is "<field>". "<subfield>"
- MARC."<field>" has any "<subfield list>"

Title

When

- Existence checks
- additional conditions

Then

...

End

<ul style="list-style-type: none">• is Applies the actions when a specific field/subfield exists	MARC is "880" MARC is "260"."c" MARC.control is "001"
<ul style="list-style-type: none">• match contents of subfield matches a regular expression	MARC."880"."6" match "505-.*"
<ul style="list-style-type: none">• has any field exists and has any of the specified subfields	MARC."700" has any "a,b,c,d,e,j,q,u"
<ul style="list-style-type: none">• equals entire contents of the specified subfield matches	MARC."260".ind"1" equals "3"



Rule Syntax

Assignment Actions

Then

- set <PNX field> to <field>
- create <PNX field> with <field>

Title

When

...

Then

- source definition
- Transformation actions
- Assignment command

End



String Manipulation

Actions – String manipulation

*TEMP 1 = A person's a person,
TEMP 2 = no matter how small.*

<ul style="list-style-type: none"> remove substring using regex removes a substring from the contents of a temporary field using a specified regular expression 	<pre>remove substring using regex (TEMP"1","(/ : ; = ,)+\$")</pre> <p>TEMP 1 = A person's a person</p>
<ul style="list-style-type: none"> add prefix Adds the specified value to the beginning of the temporary field 	<pre>add prefix (TEMP"1","Dr. Seuss: ")</pre> <p>TEMP 1 = Dr. Seuss: A person's a person,</p>
<ul style="list-style-type: none"> concatenate with delimiter concatenates the contents of two temporary fields and separates them with a delimiter The result is placed in the first temporary field 	<pre>concatenate with delimiter (TEMP"1",TEMP"2"," ")</pre> <p>TEMP 1 = A person's a person, no matter how small.</p>
<ul style="list-style-type: none"> replace string by string replaces all occurrences of a regular expression with a specified value 	<pre>replace string by string (TEMP"1","[^a-z]","\\"?)</pre> <p>TEMP 1 = personsaperson</p>

Actions – String manipulation

*TEMP 1 = A person's a person,
TEMP 2 = no matter how small.*

<ul style="list-style-type: none"> return list using regex searches for all occurrences of a regular expression in the second temporary field and copies them as a list to the first temporary field 	<pre>return list using regex (TEMP"1",TEMP"2","[a-z]{3}")</pre>
<ul style="list-style-type: none"> remove string removes a specified string from a temporary field 	<pre>remove string (TEMP"1","person")</pre> <p>TEMP 1 = a'sa,</p>
<ul style="list-style-type: none"> remove leading and trailing spaces removes beginning and trailing spaces in a temporary field. 	<pre>remove leading and trailing spaces (TEMP"1")</pre>
<ul style="list-style-type: none"> replace spaces replaces all spaces in a temporary field with a specified character or string 	<pre>replace spaces (TEMP"1","+")</pre> <p>TEMP 1 = A+person's+a+person,</p>



Example

Actions – String Manipulation

add prefix

when

```
MARC is "245"."a"
```

then

```
set TEMP"1" to MARC."245" subfields "a"  
add prefix(TEMP"1", "J. K. Rowling : ")
```

245 |a Harry Potter



TEMP"1" = J. K. Rowling : Harry Potter



Example

Actions – String Manipulation

concatenate with delimiter

When

MARC."650" has any "a,b,c,v"

Then

set TEMP"1" to MARC."650" subfields "a"

set TEMP"2" to MARC."650" subfields "v"

concatenate with delimiter (TEMP"1",TEMP"2","---")



650 |a Astronomy |v Juvenile literature.

TEMP"1" = Astronomy --- Juvenile literature.



Example

Actions – String Manipulation

delimited by

When

MARC."650" has any "a,b,c,v"

Then

set TEMP"1" to MARC."650" subfields "a,v" delimited by " --- "



650 |a Astronomy |v Juvenile literature.

TEMP"1" = Astronomy --- Juvenile literature.



Example

Actions – String Manipulation

replace string by string

When

```
MARC is "999"."a"
```

Then

```
set TEMP"1" to MARC."999" subfields "a"
```

```
replace string by string (TEMP"1", "^mailto:", "Email: ")
```



```
999 |a mailto:John.Doe@exlibrisgroup.com
```

```
TEMP"1" = Email: John.Doe@exlibrisgroup.com
```



Example

Actions – String Manipulation

remove string

When

```
MARC is "999"."a"
```

Then

```
set TEMP"1" to MARC."999" subfields "a"  
remove string (TEMP"1", "mailto:")
```



```
999 |a mailto:John.Doe@exlibrisgroup.com  
TEMP"1" = John.Doe@exlibrisgroup.com
```



Example

Actions – String Manipulation

remove substring using regex

When

```
MARC is "245"."a"
```

Then

```
set TEMP"1" to MARC."245" subfields "a"
```

```
remove substring using regex (TEMP"1", "(/|\.|;|=|,)+$")
```

245 |a Harry Potter.



TEMP"1" = Harry Potter



Q: how do I display MARC 500 based on the condition that MARC 035 begins with: (OCLC) ?

```
rule "Primo VE - Lds02"  
when  
    MARC."500" has any "a,z" AND  
    MARC is "035"."a" AND  
    MARC."035"."a" match "\ (OCLC\).*"   
then  
    set pnx."display"."lds02" to MARC."500" sub without sort "a,z"  
end
```



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/WVLHJGG>

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