



nternational Group of Ex Libris Users

# Primo VE Basic Normalization Rules Workshop

BenYishai Ze'evi | September 14, 2023

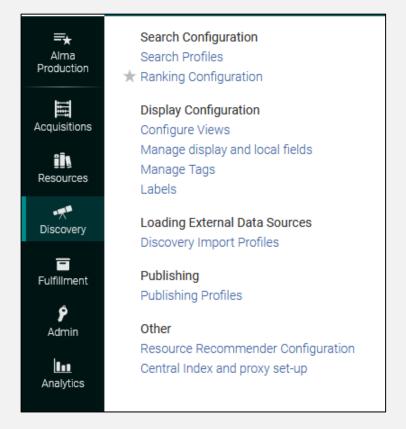
## Normalization Structure & Syntax

- Display Fields
- Local Fields





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



<ol> <li>Primo VE Display Section</li> <li>2.1. MARC21 and KORMARC - Display Mapping</li> <li>2.2. UNIMARC - Display Mapping</li> <li>2.3. CNMARC - Display Mapping</li> <li>2.4. Dublin Core - Display Mapping</li> <li>3. Mapping Resource Types in Primo VE</li> <li>3.1. MARC21 and KORMARC - Resource Type Mapping</li> <li>3.2. UNIMARC - Resource Type Mapping</li> <li>3.3. CNMARC - Resource Type Mapping</li> <li>3.4. Dublin Core - Resource Type Mapping</li> <li>4. Primo VE Facets Section</li> <li>4.1. MARC21 and KORMARC - Facets Mapping</li> <li>4.2. UNIMARC - Facets Mapping</li> <li>4.3. CNMARC - Facets Mapping</li> <li>4.4. Dublin Core - Facets Mapping</li> <li>5. Primo VE Search Section</li> <li>5.1. MARC21 and KORMARC - Search Mapping</li> <li>5.2. UNIMARC - Search Mapping</li> </ol>
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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
        Action1
        A
```

#### 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

...
```

## **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 Pi

### Managing Display and Local Fields for Primo VE

Home » Primo » Product Documentation » Primo VE » Primo VE (English) » Other Configurations » Configuring Local Search and Facet Field

#### **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



## **Display Fields**

< View C	View Configuration						
TR_INT	TR_INTEGRATION_INST:GoVE						
View Nam	Go Prim	o VE					
General	Links Menu	Search Profile Slot	Advanced Search Confi				
Brief Reco	rd Display	ull Record Services	Manage Customization Pac				
Display Fie	elds						
Fields							
1 Vernac	1 Vernacular Title ; Title						
2 Creator ; Contributor							
3 Creation date ; Dissertation							
4 -							

**Brief Display** 

	View Configuration           Back							
	Т	TR_INTEGRATION_INST:GoVE ~						
	v	View Name Go Primo VE						
	Ge	General Links Menu Search Profile Slots						
	Ac	lvanced Search Conf	iguration	Brief Results	Brief Record Display			
	Fu	II Record Services	Manag	e Customization Pac	kage			
					Restore	₿	¢	¥
		Code		Description				
	1	searchWithinJou	mal	Search for articles within a journal		•		
	2	2 quickAccess		Quick Access		•		
	3	3 getit_link1		/iew It/Get It		•	•	
	4	1 ngrs		prima.services.ngrs		•	<b></b>	
Full Disp	lay	5 details		Record details		•	•	
Edit Full Display Details								
TR_INTEGRATION_INST:GoVE								
Delimiter * ;								
	Restore	Add Field						
Fields								
1 Title ; Vernacular Title								
2 Creator ; Contributor								
3 Is Part Of								

Edit Full Display Details

## **Local Fields**

<b>≕★</b> Alma Production	Manage Display and Local Fields					
	1 - 24	of 24	<u>         Add field</u> → Ap         Ap	oply rules 🕒	<b>G</b>	
Acquisitions		▲ Field Add disp	olay field el	Updated by		
Resources	1	local_field_ Add loca	al field ort	exl_support	•••	
7 Discovery	2	local_field_02	Sort	exl_impl		
Fulfillment	3	local_field_03	Rights	exl_impl		
Pulliliment	4	local_field_04	Author Fixed	exl_support	•••	
Admin	5	local_field_05	Notes	exl_support	•••	
Analytics	б	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		

Local F	ields	[	Define a Local Field	d
			Field to edit * Local field details Enable field for search	
			Enable field for facet Use Translations	
			MARC21 Fields	
Normaliz	ation rule for local_field_01		MARC21 Normalization I	Rules
L C	ule "Primo VE - Lds01" when	ן   נ	<ul> <li>Normalization</li> <li>MARC21 normaliz</li> </ul>	
	MARC is "362"."a" then create pnx."display"."Ids01" with MARC "362"."a" end			

Close

Save

C Define a Local Field		Back Save
Field to edit * local_field_01	▪ Display label *	•
Local field details		~
Enable field for search	Use th	e 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		~
		Ŀ ¢
<ul> <li>Normalization rule</li> </ul>	♣ 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

Contraction Contractica Con	al Field		Back Save
Field to edit *	local_field_01		-
Display label *	Technical Reports		69
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		October Control Co	B ♥
MARC21 Fie	ld		
1 500			•••

## **Rule Syntax**

T	Existence Checks
$\triangleright$	MARC is " <field>"</field>
$\triangleright$	MARC is " <field>"."<subfield>"</subfield></field>
$\triangleright$	MARC." <field>" has any "<subfield list="">"</subfield></field>

<ul> <li>is Applies the actions when a specific field/subfield exists</li> </ul>	MARC is "880" MARC is "260"."c" MARC.control is "001"
<ul> <li>match contents of subfield matches a regular expression</li> </ul>	MARC."880"."6" match "505*"
<ul> <li>has any field exists and has any of the specified subfields</li> </ul>	MARC."700" has any "a,b,c,d,e,j,q,u"
<ul> <li>equals entire contents of the specified subfield matches</li> </ul>	MARC."260".ind"1" equals "3"

Title

#### When

• Existence checks

additional conditions

Then

•••

End

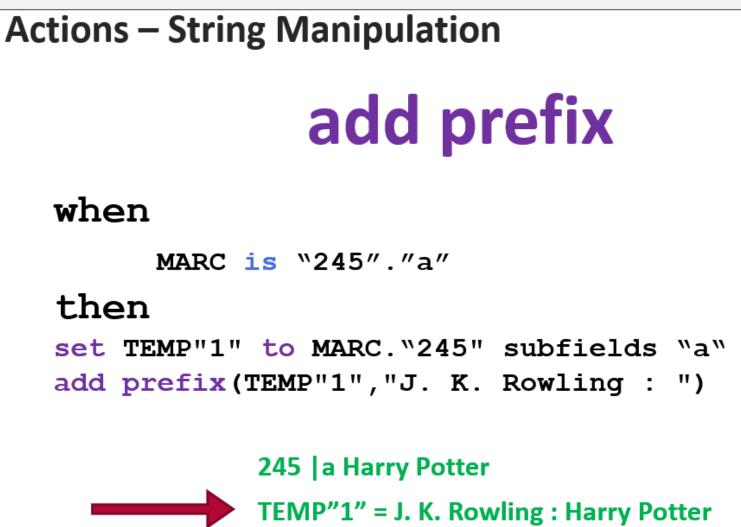
## **Rule Syntax**

	Assignment Actions Then
$\triangleright$	set <pnx field=""> to <field></field></pnx>
$\triangleright$	create <pnx field=""> with <field></field></pnx>



String Manipulat	ion	Actions – String manipulation       TEMP 1 = A person's a person,         TEMP 2 = no matter how small.				
		• <b>remove substring using regex</b> removes a substring from the contents of a temporary field using a specified regular expression	<pre>remove substring using regex (TEMP"1","(/ : ; = ,)+\$") TEMP 1 = A person's a person</pre>			
		add prefix     Adds the specified value to the beginning of the     temporary field	add prefix (TEMP"1","Dr. Seuss: ") TEMP1=Dr.Seuss: A person's a person,			
		• 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", ") TEMP1=A person's a person, no matter how small.</pre>			
		replace string by string     replaces all occurrences of a regular expression with a     specified value	<pre>replace string by string (TEMP"1","[^a-z]","\\?") TEMP1= personsaperson</pre>			
Actions – String manipulation	TEMP 1 = A person's a person, TEMP 2 = no matter how small.					
<ul> <li>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</li> </ul>	return list using regex (TEMP"1",TEMP"2","[a-z]	{3}")				
<ul> <li>remove string removes a specified string from a temporary field</li> </ul>	remove string (TEMP"1","person") TEMP1=a'sa,					
<ul> <li>remove leading and trailing spaces removes beginning and trailing spaces in a temporary field.</li> </ul>	remove leading and trailing spaces (TEMP"1")					
<ul> <li>replace spaces replaces all spaces in a temporary field with a specified character or string</li> </ul>	replace spaces (TEMP"1","+") TEMP1=A+person's+a+person,					







## **Actions – String Manipulation**

# concatenate with delimiter

When

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

Then

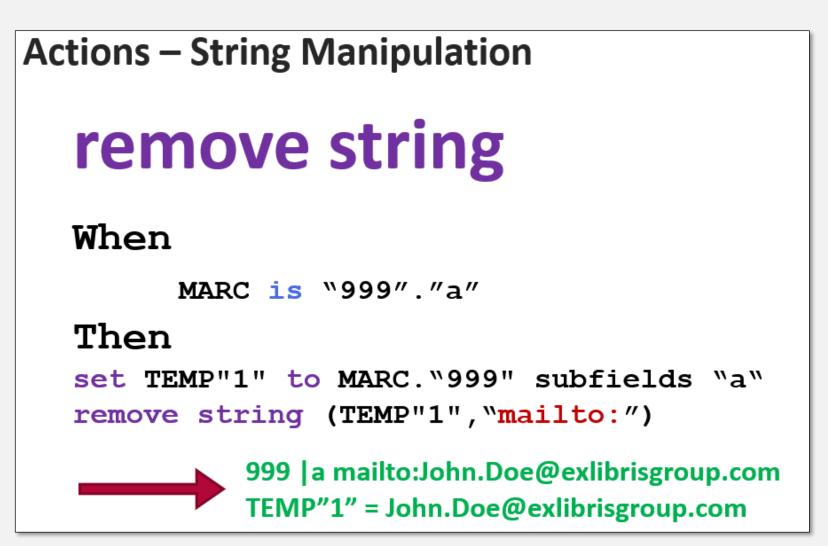
set TEMP"1" to MARC."650" subfields "a"
set TEMP"2" to MARC."650" subfields "v"
concatenate with delimiter (TEMP"1",TEMP"2","---")

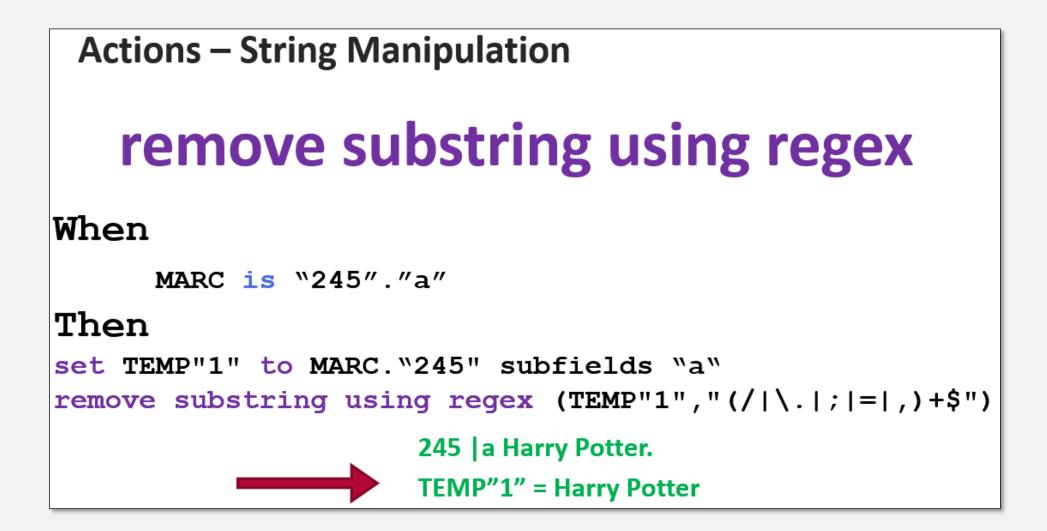
650 | a Astronomy | v Juvenile literature.

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

```
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.
```

```
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
```





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





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

Please fill out this short survey:

## Thank you!

BenYishai Ze'evi Ben-Yishai.Zeevi@Clarivate.com



os://www.surveymonkey.com/r/WVLHJGG

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