

# Adding a new Item Type

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## UOA Example

At UOA we have scanned articles which are available online. We wanted to differentiate these electronic articles from the pre-existing 'article' item type. We call these E-Readings.

Among the records returned after searching for POLITICS 113 in our Readings and exams tab ([http://librarysearch.auckland.ac.nz/primo\\_library/libweb/action/search.do?mode=Basic&vid=UOA2\\_A&tab=course\\_resources](http://librarysearch.auckland.ac.nz/primo_library/libweb/action/search.do?mode=Basic&vid=UOA2_A&tab=course_resources)) is an e-reading called "Structures of television news":

uoa\_voyager572148 -



The screenshot shows a search results page with two items. The first item is a book by C. Baker NetLibrary, Inc., titled "Structures of television news." It is marked as "Available" and has options for "View online", "Request", and "Location". The second item is an "E-Reading" of the same title by Joe Atkinson, also marked as "Available" and with the same options. A "Copyright Notice" link is visible next to the author's name. A third item, "Multicultural Citizenship Select", is partially visible at the bottom.

E-Reading is also now a facet for this search:



The screenshot shows a "Refine My Results" section with a list of format options: "Books (65)", "Journals (4)", and "E-Reading (8)". Below this is a "Suggested New Searches" section.

## Create the Normalisation Rule for the new item type

Sequencing is important. The way that our electronic articles are catalogued (monograph etc) means that they would meet the criteria for quite a number of pre-existing rules. Because these are 'OR' rules they stop once the criteria are met. Therefore we needed to put the new rules using very specific sets of conditions at the start of the display/type rule set. All items without this combination of attributes will bypass these rules.

### The Basic rules

These is set up in the display/type rule set

**Rule group**

Type  Value  Enabled

**Source**   Enabled

Conditions logic  Conditions relation

**Conditions**

Condition 1 - Logic	Type	Field	Ind1	Ind2	Subfield	Success If	
True	MARC	952			Include j	Match Any	
Condition 1 - Routines		General Parameter	Routine				Parameter
		<input type="text"/>	Input exists				<input type="text"/>
Condition 2 - Logic	Type	Field	Ind1	Ind2	Subfield	Success If	
True	MARC	952			Include k	Match Any	
Condition 2 - Routines		General Parameter	Routine				Parameter
		<input type="text"/>	Input exists				<input type="text"/>
Condition 3 - Logic	Type	Field	Ind1	Ind2	Subfield	Success If	
True	MARC	856			Include u	Match Any	
Condition 3 - Routines		General Parameter	Routine				Parameter
		<input type="text"/>	Check that string exists				ereserves

**Transformations**

Transformation  Parameter

**Rule group**

**Source** Type:  Value:   Enabled

Conditions logic:  Conditions relation:

**Condition 1 - Logic**

**Condition 1 - Source** Type:  Field:  Ind1:  Ind2:  Subfield:   Success If:

**Condition 1 - Routines**  General Parameter:  Routine:  Parameter:

---

**Condition 2 - Logic**

**Condition 2 - Source** Type:  Field:  Ind1:  Ind2:  Subfield:   Success If:

**Condition 2 - Routines**  General Parameter:  Routine:  Parameter:

---

**Transformations**

Transformation:  Parameter:

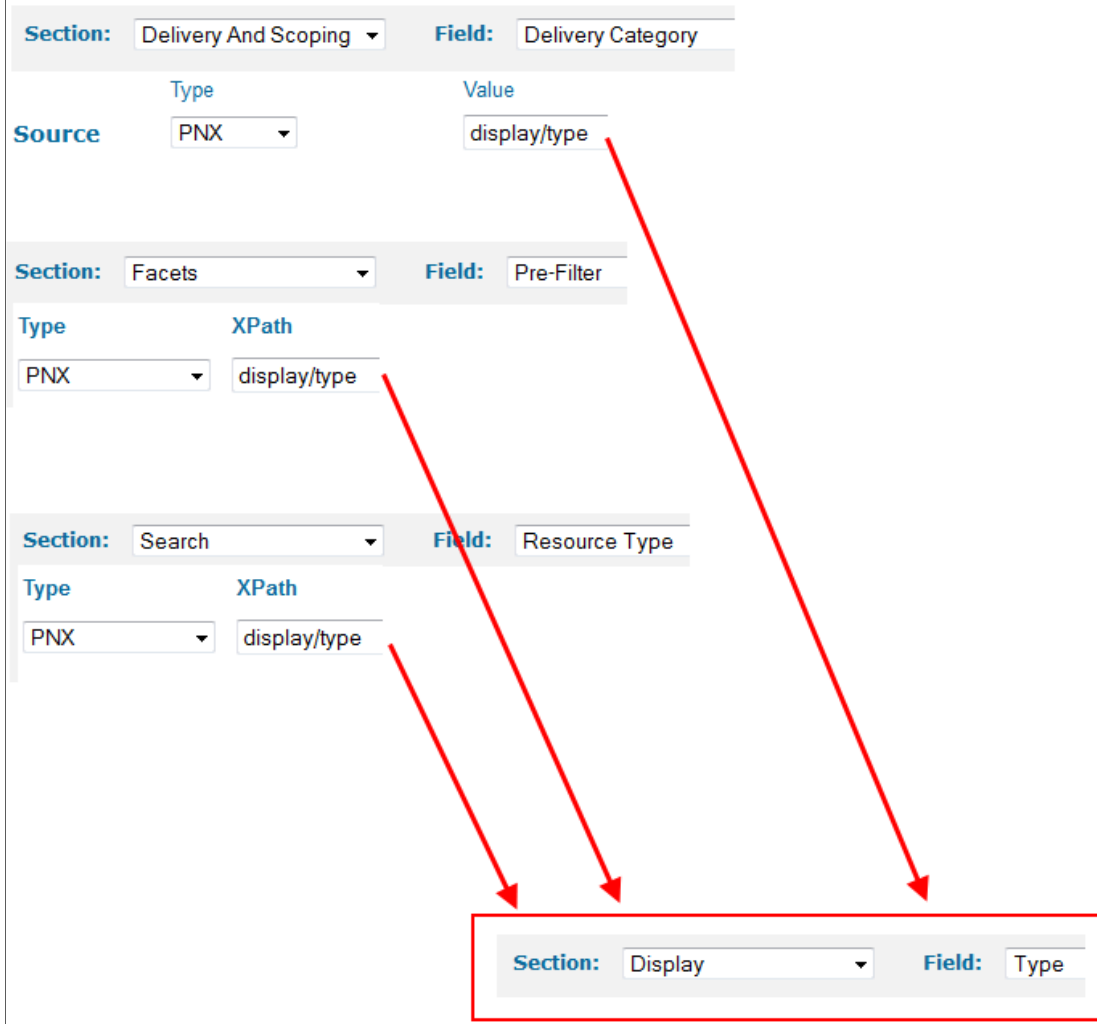
Behavior:

## Derived Rules

Once the basic rule (Display/Type ) has been created all other relevant rules simply derive their values by manipulating values from this base. This is already in Primo. You need do nothing to any of these rules.

The graphic identifies display/type as being the origin NM for determining the resource type. While not all rules in the each of these other NM rules depend on display/type, at least one rule does. The traffic is always as follows:

Other rules looks at display/type. display type looks at original source record.



## Thumbnail / Icons and Icon Text

This deals with adding the icon and the icon text.

### Icon

Create the icon and put it somewhere (e.g the images directory). We chose to simply add an electronic symbol to the standard 'Readings' icon.



../images/icon\_e-reading.png

### Icon display

We primarily use the default - Primo\_default.3.0.css

In order to keep this file pristine so as not to have to make any css changes after an upgrade, and still be flexible enough to make the changes we would like we make to the site then we also use our own custom css: UOA\_Primo\_Custom.css.

It is in UOA\_Primo\_Custom.css that we added:

```
.EXLResultMediaTYPEscanned_article .multipleCoverImageContainer {background-image: url(../images/icon_e-reading.png);}
```

The "div suffix" needs to have the same name as the display type, in this case "scanned\_article" eg .EXLResultMediaTYPEscanned\_article

### Icon text

The icon text is controlled in the Icon Codes table.

Add a media type line with the suffix ending in the same name as the display type, in this case "scanned\_article"

e.g default.mediatype.scanned\_article

Below is schematic of this section:

PNX RECORD  
Record ID: uoa\_voyager450329 Section: display

Section	Field	Value
display	type	scanned_article

Front End Table Name : Icon codes

Code ▲ ▼	Description ▲ ▼
default.mediatype.scanned_article	E-Reader

E-Reader

**Machiavelli's concept of virtu reconsidered.**  
Neal Wood  
Copyright Information  
Available  
[View online](#) [Request](#) [Locations](#) [Details](#)

```
File: UOA_Primo_Custom.css  
.EXLResultMediaTYPE scanned_article .multipleCoverImageContainer  
{background-image: url(..images/icon_e-reading.png);}
```



## Facets

Now adding the record to facets is similar however you need to also add to facet mapping tables:

**PNX RECORD**  
Record ID:  Section:

Section	Field	Value
display	type	scanned_article

**MAPPING TABLE**  
Table Name:

Value Name	Values
<input type="text"/>	<input type="text"/>
Scanned Article	scanned_article

**CODE TABLE**  
Table Name:

Code ▲ ▼	Description ▲ ▼
<input type="text"/>	E-R
ult.facets.facet.facet_rtype.scanned_article	E-Reading

**Refine My Results**

- Format
- Books (65)
- Journals (4)
- E-Reading (8)

