

How to use local control number as unique identifier

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How to use local control number as "unique identifier"

Question

Although MMS-ID is the primary identifier in Alma, I want to use a local control number as identifier.

Answer

You can use MARC-21 field 009 with the following configuration:

Step 1: configuring 009 as local control number

Configurations --> Resources --> Control Number



Sequence Name	Method	Prefix	Next Sequence	Padding
1 AC Number	Prefix + Sequence	AC	15025314	8

Mandatory Parameters:

Sequence Name

Method: Prefix + Sequence

Prefix: add the prefix that should be added to your sequence

Next Sequence: enter the next resp. first number the sequence should start

Padding: number of digits

Step 2: check that 009 index is activated.

Configurations --> Resources --> Indexes



322	local_control_field_009	BIB_MMS	false	true	URLABELS
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Step 3: Add sequence to task

Configurations --> Resources --> Metadata Configuration --> MARC21 Bibliographic --> Normalization

Processes --> Marc21 Bib normalize on save --> Task List

Add Task:

BibGenerateControlNumberSequence Generate Control Number Sequence

Task Parameters:

CONTROL NUMBER SEQUENCE

Sequence Name * AC Number

Bib Target Field * 009

Sequence Name: add the name according to Step 1.

Step 4: Additionally you should create a MARC21 Field 035 from 009. You will probably need it e.g. for matching records during import etc.

To achieve this add a second task:

BibGenerateControlNumberFrom009 Generate Control Number from 009

Task Parameters:

CONTROL NUMBER PREFIX

Prefix (AT-OBV)

Add Parenthesis

Bib Target field 035 Subfield a

This task will then copy 009 to 035\$a with an ISIL-prefix (AT-OBV)

Step 5: To ensure that an already existing control number can not to be duplicated, when a new record is created, add the following validation exception:

Configurations --> Resources --> Metadata Configuration --> MARC21 Bibliographic --> Validation

Validate Empty Fields in New MARC21 Bibliographic Validate that the selected bibliographic fields are empty

Task Parameter:

General Information Task List Task Parameters

VALIDATE THAT THE SELECTED BIBLIOGRAPHIC FIELDS ARE EMPTY

Source #1 009

Add the corresponding message in the Validation Exception Profile List:

Configurations --> Resources --> Metadata Configuration --> MARC21 Bibliographic --> the Validation Exception Profile List

At MarcXML Bib Metadata Editing On Save click "Edit"



Click "Add Validation Severity Exception"

Message ✕

Field (0) must be empty ▼

0

009|

add * for any optional value

Add Validation Severity Exception

Additional Information:

As a result of all these steps you get a controlfield 009 AC... and a datafield 035\$a prefixed by ISIL-Code when saving a record in Metadata Editor.

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Alma has attempted to link the bib headings to authority records while loading the record. Loading the record was t
[Bibliographic] Working on - Record for Testing 0 (99144744820303331), Created by OBVKAN (06/08/2018 11:19:19 CEST), M
LDR 00430nam#a2200181#c#4500
001 99144744820303331
005 20180806111923.0
007 tu
008 180806[????#####]#####|#####u
009 AC15025316
035 $$a (AT-OBV)AC15025316
040 | $$a AT-OBV $$d AT-OBV $$e rda|
100 1 $$a Mahler-Werfel, Alma $$4 aut
245 0 0 $$a Record for Testing 009 and 035
336 $$b txt
337 $$b n
338 $$b nc
```

If you duplicate the record and try to save it the following message appears:

009 Field 009 must be empty

Now Alma prohibits to save a second record with a preallocated 009.

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