



conversionMopUp.pl

Release Notice

February 2007

About this document

This document describes how the conversionMopUp script can be run to identify TalisMARC records which need converting to MARC21. It is intended for use after a library has completed the main conversion of all the TalisMARC records.

Contacting Talis

If you are experiencing difficulties, please contact your System Manager/IT Department in the first instance. You can now raise calls using Talis Solutions, Talis' 24 x 7 customer support web based service. You must have a user name and password to access the customer support web site.

Talis Support

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Contents

1. Introduction to conversionMopUp	4
2. Pre-requisites for using the conversionMopUp script	4
3. Downloading the file	4
3.1 Downloading the file (Talis Alto web site).....	4
3.2 Downloading the file (Talis FTP server)	4
4. Running the conversionMopUp script	5
4.1 Usage of the script	6
4.2 Example report	7

1. Introduction to conversionMopUp

The conversionMpUp.pl script is a Perl script that identifies TalisMARC records that require converting to MARC 21 following the completion of the conversion of the bibliographic records. It identifies records that have been updated by the Cataloguing Service since the full conversion was run, and records which don't have a MARC 21 equivalent. It reports out the WORK_IDS for manual conversion, or (customers on Alto 4.0 only) prepare the records for automatic conversion (if you have scheduled this to manage one or all of imported EDI quotes, Public Purchase Requests and Self Service ILL requests).

The script is expected to have a limited life and to be used by :

- ◆ Libraries who are on Alto 3.0 once they have converted all their Talis MARC records.
- ◆ Libraries who are on Alto 4.0 until they upgrade to Alto 4.1

It is not expected to remain in use after Alto 4.1 has been installed.

2. Pre-requisites for using the conversionMopUp script

You must have upgraded to Alto 3.0 and have completed the conversion of all your TalisMARC records to MARC21.

3. Downloading the file

You can download the script from the Talis Alto web site or the Talis FTP server.

3.1 Downloading the file (Talis Alto web site)

You can download the file from the Lyra Programme: MARC Conversion Manager section of <http://alto.talis.com> which you will need a user name and password to access.

The file is **conversionMopUp.pl**

- ◆ You will need to transfer the file into the `/usr/opt/blcmp/talis/utils/bin` directory on the LMS server once you have downloaded it onto your PC.
- ◆ When transferring the file from your PC to your Talis Server using FTP do not use the 'bin' command. Doing this may cause the file to be corrupted.
- ◆ Once the file is in the correct directory check the permissions on the file by typing:

```
ls -l conversionMopUp.pl
```

If the file does not have execute permissions, change the permissions by typing

```
chmod 755 conversionMopUp.pl
```

3.2 Downloading the file (Talis FTP server)

If you have previously downloaded the MARC conversion software from the ftp server, you may collect this script from there. If you have not previously downloaded the software from the ftp server, you will need to contact Sales to have the link set up.

1. Log on to your Talis server as **talis** and go to the `/tmp` directory:

```
cd /tmp
```

2. Connect to the Talis FTP server:

```
ftp ftp.talis.com
```

A message similar to the following is displayed:

```
Connected to ftp.talis.com.  
220-      ---- Talis Information Limited ----  
220-  
220 ftp.talis.com FTP server ready.  
Name (ftp.talis.com:talis):
```

If you still cannot access the Talis FTP server, it is likely that there is no route between your machine and the ftp.talis.com machine. If so, consult your network support staff.

3. Log in to the Talis FTP server using your member login and password and enter the following commands:

```
cd marc_conversion2.0  
prompt  
bin  
get conversionMopUp
```

The update files should now be downloaded to your Talis machine.

4. Type **quit** to leave the FTP program.
5. Transfer the **conversionMopUp** script to the **/usr/opt/blcmp/talis/utils/bin** directory.
6. Once the file is in the correct directory check the permissions on the file by typing:

```
ls -l conversionMopUp.pl
```

If the file does not have execute permissions, change the permissions by typing

```
chmod 755 conversionMopUp.pl
```

4. Running the conversionMopUp script

Following the complete conversion of all the TalisMARC records to MARC 21, some unconverted records may be reintroduced to the system for the following reasons:

For libraries running Alto 3.0:

- ◆ TalisMARC records created in Talis Alto 3.0 since the conversion was completed. For example, records imported from Talis Base 1, or created via Quick Manage Work.
- ◆ Records whose MARC 21 version has been deleted. (This could occur after the conversion has been completed and before the upgrade to Alto 4.)
- ◆ TalisMARC records that have been updated since they were converted to MARC 21 (by Cataloguing Services record updates)

For libraries running Alto 4.0

- ◆ Defect 6240 that means that when a multivolume order is created, the 'child' works are only created as TalisMARC records, not as MARC 21. It is therefore not possible to edit the child records, to add extra details etc.

This script can be used to identify any records edited since the full conversion has been completed (using WORKS.EDIT_DATE) and there is no corresponding row in the WORKS_META table (where the MARC21 records are stored).

The script can also be used to identify records that have been updated by Cataloguing service imports. To do this it checks the WORKS.EDIT_DATE and WORKS.EDIT_OPERATOR is 'BLCMP tape'.

WORK_IDs can either be reported out for manual conversion or, if you have loaded Alto 4.0, fed into the automatic conversion process (when the script sets the TOCONVERT flag to 'T').

4.1 Usage of the script

The script is located in `/usr/opt/blcmp/talis/utils/bin/conversionMopUp.pl`. To run the script log on as **talis** and enter the following command:

```
conversionMopUp.pl -b<begin id> -d<database> -e<end id> -h -j<start date> -k -r<report directory>
-t<type of processing>
```

The arguments for this script are described in the following table.

Switch	Description
-b	This optional argument specifies which WORK_ID to start processing the WORKS table from. If not given then the processing will start from the lowest WORK_ID in the database.
-d	Names the database. If not given, then the default is defined by the environment variable TAL_DEFAULT_DBNAME. This will be set to 'prod_talis' if not already set.
-e	This optional argument specifies which WORK_ID to end processing at. If not supplied then the processing will continue to the highest WORK_ID in the database.
-h	Displays the help.
-j	The -j argument is mandatory and takes the form of a date (dd/mm/yy or dd/mm/yyyy). It is used to identify records which have a WORKS.EDIT_DATE which is equal to or greater than this value. The first time the script is run this should be set to the date the full conversion was started. For subsequent runs it should be set to the date the script was last run.
-k	If this optional argument is set then bibliographic records that need conversion will be fed into the automatic conversion process. (i.e. a dummy row is entered into the WORKS_META table and the TOCONVERT attribute is set to 'T'). Note: you must have loaded Alto 4.0 to set this switch. For details of how to set up the automatic conversion process see section 9.4 ("Schedule the Conversion software to run automatically") in the Talis Alto 4.0 release notice.
-r	Names the report directory where the process will create its report file. If the option is not given, then the default is defined by the TAL_REP_DIR environment variable, which will default to /usr/opt/blcmp/data/utils if not set. The report file takes the name 'conversionMopUp.rep'. Reports from previous runs will be renamed with a date/time extension.
-t	This mandatory argument specifies the type of processing required. If set to CAT_SERV the script looks for records that have been updated by the Cataloguing Service, where WORKS.EDIT_OPERATOR = "BLCMP tape". If set to NO_MARC21 it looks for records where there is no MARC 21 record i.e. there is no WORKS_META row. If set to BOTH it performs both types of processing.

4.2 Example report

```
conversionMopUp.pl          commenced                16/01/07 11:36:30
                               ~~~~~
Command line: conversionMopUp.pl -b638800 -e638900 -j01/10/06 -k -tBOTH -r/scratch
Cataloguing service updates for automatic conversion:

Missing MARC 21 records for automatic conversion:
Work ID: 638889  TalisMARC Ctrl No: M0020725ZW : added for automatic conversion
Work ID: 638890  TalisMARC Ctrl No: M0020726ZW : added for automatic conversion
Work ID: 638891  TalisMARC Ctrl No: 184511163x : added for automatic conversion

Cataloguing service updates for automatic conversion :          0
Missing MARC21 records for automatic conversion   :          3

conversionMopUp.pl          completed                16/01/07 11:36:30
                               ~~~~~
```

5. Strategies for running the script

It is recommended that you begin by running the script with the `-j` switch set to the date that you started running the full conversion. If your library uses the Cataloguing Service, use `-tBOTH`. If your library does not use the Cataloguing Service, use `-tNO_MARC21`. This will identify all records edited since you started the conversion that require re-conversion.

Check the report, and re-run the conversion for the `WORK_IDS` that are reported.

After this initial run, run the script on a regular basis with the `-j` switch set to the date you last ran the script, and re-convert the records it reports.

Continue to do this until you upgrade to Alto 4.0. After loading Alto 4.0 you can set the `-k` switch which queues the records for automatic conversion.

Run the script one last time with `-tBOTH` (if you use the Cataloguing Service) to ensure you have caught the latest updates. From then on, you should continue to run it regularly with `-tNO_MARC21` until you load Alto 4.1 (i.e. until defect 6240 is fixed).