



## Preparing Aleph for Migration to Alma (or other ILS)

Part 1: Bib, Holdings, and Item data -- Jerry Specht, Ex Libris





### ***Brief Session Description:***

- \* What data to migrate.
- \* Aleph Services and SQL for cleaning up bibliographic, HOLdings, & Item data.
- \* Preserving data which the vendor doesn't migrate.
- \* Alma upgrade overview.



# Agenda

- 1** What Data is migrated / not migrated  
Principles of Record Retention/Deletion
- 2** Aleph Service for cleaning up bib, holdings,  
and Item data: manage-33 to delete bib  
(and associated) records
- 3** Aleph Service for cleaning up item (and  
holdings and bib data): item-11
- 4** Aleph Service for deleting (certain) ADM  
and HOL records: manage-18
- 5** Aleph → Alma migration of Inventory  
(bibliographic, holdings, and item records)

## Agenda (continued)

- 6. Authority records**
- 7. Physical to Electronic (P2E)**
- 8. Preserving data which the vendor doesn't migrate.**
- 9. Relevant Knowledge Articles**
- 10. Alma Migration Documents**
- 10b. Alma Migration Documents – Consortia**
- 11. SUNYLA Virtual Conference on Alma Migration**

# Alma / Aleph “Cheat Sheet”

- You should have a printed copy of the [Alma / Aleph “Cheat Sheet”](#).
- We’ll go over that sheet briefly to establish certainly basic terminology and concepts.

# 1. What Data is Migrated / Not Migrated

- [Getting Ready for Alma and Discovery Implementation](#)
- [Aleph to Alma Migration Guide](#) (“Inventory” section)
  - Examples: z08/z09 ; CATaloger level
  - “Areas/Fields Not In Scope” (Look at in detail in section #5, below)
- [Alma Migration Considerations for Consortia](#)
- The article [Which tables are index, temporary, and base tables?](#) may be helpful.

## 1 a. Principles of Record Retention/Deletion

*Note: The following are excerpts from the "[Aleph Record Retention/Deletion](#)" Powerpoint from 2015 Technical Seminar.*

### **\*\* First Principle \*\***

In the case of inter-related records, the principle is "lowest level first", such as,

- first Hold requests (and loans?), Items, then HOLs, then Bibs;
- first Hold requests (and loans?), Cash, then Patrons;
- first Bib, then Authority

## 1a. Principles of Record Retention/Deletion (cont.)

*For each kind of record....*

*Delete:*

1. Item (z30): When permanently withdrawn/Lost. Unlike doc records, z30 item records are physically deleted by deletion (online or batch).
2. HOL: When there are no items, no intention to acquire items, and any 856 URL is invalid/discontinued, and when there is no 866 (summary holdings) data, or when it's obsolete



## 1a. Principles of Record Retention/Deletion (cont.)

*Delete:*

3. Bib: When there are no holdings (no HOL records)\*. Holdings may be gone because:

- a. all copies are withdrawn or lost, with no intention to replace
- b. all copies belong to library/sublibrary being removed
- c. subscription to online resource discontinued

\* This presumes that the library creates an HOL record for each bib record.

~~4. Item history (z30h): When no longer of use to staff in GUI Cataloging: Items → Item → History → Item Changes tab. [Note to self: Show]. Or space problem requires it. See [Article 000007431](#) ("Unnecessary z30h history records").~~

## 2. manage-33 to delete bib (and associated) records

- manage-33 can be run in bib and authority libraries. Depending on the BATCH-DELETE lines in ./xxx01/tab/check\_doc, manage-33 will delete item, order, and HOL records connected to the bib. (See [Article Delete BIB Recs Incl. Related ADM/HOL Recs \(manage-33\): BATCH-DELETE lines](#) )
- manage-33 cannot and \*must\* not be run in the ADM or HOL library: as described in [Article Delete Bibliographic Records Including Related ADM/HOL Records \(manage-33\)": running in ADM or HOL library](#) . Doing so will result in the deletion of the \*bib\* records with the same numbers.
- But multi-ADM library systems have the need to delete the ADM record in cases where the title is no longer held at a particular library while retaining the bib. The item-11 Service (see next slide) addresses this need.

### 3. item-11 to delete items (+ associated HOL/Bib)

- Articles on things to do in preparation for deleting items:
  - [Batch deleting patrons who have hold requests or items which have hold requests](#)
  - [Batch deleting patrons or items with loans](#)
- "Choosing 'Delete' in item-11 will delete HOL and BIB records which were connected to the items removed, and are now not in use by any item.
- Choosing 'None' will only delete the items without checking the HOL and BIB records.
- [This](#) is the item-11 submission screen
- See [Articles: How to run the item-11 Service](#) and [How to run p item 11 item deletion for particular sublibraries](#).

## 3a. Item-11 and OCLC reporting considerations

Running the item-11 Service to delete the HOL and Bib records (in addition to the item) is a problem if you need to report your holdings to OCLC. To get around this, you would run item-11 to delete the items only and then:

- Use other services to locate the HOL and Bib records which should be deleted as result of the item deletion
- Use manage-21 (see following slide) to add an "STA \$\$aDeleted" and/or 'd' in LDR byte 05
- Report these records to OCLC
- Delete the HOL and ADM records via manage-21, setting DEL=Y (see following slide).

See [McGill item-11 workflow](#) for details on how McGill handles this.

## 4. manage-18 to delete ADM/HOL

- As described in [Article Batch deleting ADM records](#) , **manage-18** (“Load ALEPH Sequential MARC Records”) can be used to delete ADM and HOL records, but is useful only in the case where items are not an issue. (When items *\*are\** an issue, you will need to use item-11 instead.)
- Note that all of the preceding leave a "stub" record: a z00 with LDR, 008, and CAT fields. In general, it's best to just leave these; they don't show up anywhere and do no harm. They are typically omitted in bib exports (including Aleph→Alma).

Articles: [Deleting orphaned HOL records \(HOL records whose items have been deleted\)](#) and [SQL to locate BIB/HOL recs without items; BIBs without ADM; etc. \\*MASTER RECORD\\*](#)

## 5. Aleph → Alma migration of Inventory (bib, holdings, & item records)

### Getting Ready for Alma and Discovery Implementation –

- Annotated Appendix B

### Aleph to Alma Migration Guide

This document is intended to be used together with the *Aleph Migration Form* - an Excel spreadsheet that collects available mapping preferences and is read by the migration programs. The form is initially generated by the AutoExtract package. [Alma Migration Form Instructions – Aleph](#) (video)

- Inventory questions
- Alma Structure
- Mapping Rules and Assumptions
- Areas/Fields Not In Scope
  - Cataloging history tracking (Z00T)
  - Cataloging triggers (**Z104**)
  - Local information added to the ADM record
  - Temporary material type, temporary item process status, and temporary 2nd call number (**in the Z30 record**)
  - CAT fields (**in the bib/Z00 record**)
  - Item history records (Z30H)
  - Loan IP station (**workstation identifier**)
  - **OPAC Event/Statistics records (z69)**

## 6. Authority records

- “Other Aleph libraries such as abc10-abc19 (Authority libraries) are not included in migration.”
- Authority records do not migrate to Alma because Alma is using global AUTs in the Community Zone.
- Local Authority records can be uploaded to Alma (at the Network or Institution level) via loader (that is, export via Aleph print-03 Service and then import via Alma loader)

## 7. Physical to Electronic (P2E)

One of Alma's goals is unification. In order to do so, a certain amount of re-categorization of Aleph-originated records that are not actually physical in nature needs to be done. Identifying these will allow us to start this unification process:

Categorizing records correctly as electronic inventory in Alma and setting their associated orders as Electronic rather than Physical.

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## 7. Physical to Electronic (P2E) (cont.)

This is a good tutorial describing the process: [The Physical to Electronic \(P2E\) Conversion Process](#) (a *video course*). Explanation of Alma Resource Types (from the tutorial):

1. *Portfolio*: single title, purchased online in full text
2. *Package*: a group of journal titles bundled together by the vendor
3. *DB*: for searching article/title info (These are collections without portfolios, such as indexing and abstracting databases, which may be linked to bibliographic records for discovery purposes.) (Examples: Proquest Social Science Database or EBSCO Literary Reference Center Database)

Article: [How to produce list of electronic resources in Aleph for Alma migration](#)

## 8. Preserving data which the vendor doesn't migrate

In many cases the best way is to use SQL to output data from the table onto a spreadsheet. This process is described in the article [How to put SQL output into a spreadsheet](#) .

It's unclear just which of the “not-in-scope” data might justify this treatment. You may want to wait until you do the initial migration, see what info is not seen in Alma which staff feel is important, and then perform an extract. Certain z71 order log records are one type of data which several Aleph sites migrating to Alma felt they needed to preserve. This is discussed in the following session, in regard to the migration of Acquisitions data.

## 9. Relevant Salesforce/MindTouch Articles

- [How to produce list of electronic resources in aleph for alma migration](#)
- [How big should UNDOTBS1 be?](#) (At least one customer migrating to Alma found that the AutoExtract process required an increase.)
- [Aleph xxx50 library created as “library” in Alma](#)
- [How much disk space is required for the AutoExtract process during Ex Libris System to Alma migration?](#)
- [How long \(approx.\) does the AutoExtract process take during Aleph\(/Voyager\) to Alma migration?](#)
- [Aleph2Alma extract stuck in pending](#)

# 10. Alma Migration/Implementation Documents

- **Go to:** <https://knowledge.exlibrisgroup.com/Alma>
- **Product Documentation** » Alma Online Help (English) » **Getting Started** » [Alma Topologies](#)
- **Implementation and Migration** » **Implementation Guides** » [Getting Ready for Alma and Discovery](#)
  - [Appendix A – Fulfillment Simplification](#)
  - [Appendix B – Optional Data Preparations](#)
- **Implementation and Migration** » **Implementation Tutorials** » ...

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## 10. Alma Migration/Implementation Documents (cont.)

Implementation and Migration » Migration Guides and Tutorials

» Electronic Systems Migrations »

[Electronic Resource Handling in Alma Migration](#) ;

[Migration of Physical to Electronic \(P2E\) Resources in Alma](#) (video)

Implementation and Migration » Migration Guides and Tutorials

» ILS Migrations » Aleph

[Aleph to Alma AutoExtract Migration](#) (video)

[Aleph to Alma Migration Guide](#)

[Aleph Migration Form Instructions](#) (video)

## 10b. Alma Migration documents -- Consortia

- **Implementation and Migration** » **Migration Guides and Tutorials** » Consortia:
  - [Alma Migration Considerations for Consortia](#)
  - [Alma Migration – Combining or Separating Source Databases](#)
- **Product Documentation** » Alma Online Help (English) »
  - [Introduction to the Network Zone](#)
  - [Alma Topologies](#)

## 11. SUNYLA Virtual Conference on Alma Migration

In February, 2019, SUNYLA (SUNY Librarians Association) sponsored a virtual conference on migration to Alma. Recordings of the presentations can be found at <http://sunyla.org/sunyla-midwinter-2019/>.

(Note: Most of the presenters were *not* Aleph sites, so it is not specifically about Aleph-to-Alma migration.)

Q & A

**Any Questions?**





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THANK YOU!

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