

Interface Specification

FBS-14789

Import of bibliographic posts from Libris

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Interface Specification

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1 Introduction

This document describes how Cicero interacts with Libris for bibliographic posts import.

The target group for this document are persons involved in the configuration of Cicero and third party systems that would like to understand the technical details of how Cicero interacts with Libris.

1.1 References

Reference	Title	Link
[LIBRIS]	Libris MARC21 export API Documentation	https://github.com/libris/librisxl/blob/master/marc_export/marc-export-documentation.md

2 Supported services

Cicero supports integration with the following Libris services:

Service	Description
MARC21-export	This API allows bulk export of MARC21 records information for a specified period

3 Interfaces

This section describes how Cicero integrates with the supported services.

3.1 MARC21-export

- Cicero Catalogue periodically calls the MARC21-export API to retrieve updated MARC21 records
- The system retrieves only delta updates (changes since the last update)
- Calls are made with daily granularity (one-day increments)
- When Libris import is initially enabled, Cicero retrieves data for the previous 31 days
- Subsequent imports fetch data between the last update date and current import date

4 Configuration Requirements

To enable Libris integration, the following must be configured in Cicero under the "Libris: Import bibliographic records" agency configuration key:

1. Authentication

- clientId
- clientSecret

2. Data Sources

- Locations (sigel - Library identifiers from Libris)
- Support for configuring multiple location sources

3. Field Preservation

- MARC21 fields that should not be overwritten during import
- Allows libraries to maintain local customizations in selected fields
- All other record data will be updated with information from Libris

4.1.1 Rest endpoints used

This section lists the endpoints Cicero is using from the Libris API

Path	Description
api/marc_export?from=<TS1>&until=<TS2>	Returns updated MARC21 records information for the specified period for specific location/sigel. An export profile is used as payload. The customer can only specify the locations (<i>sigels</i>) through the Agency configuration "Libris: Import bibliographic records". bibcreate=on bibupdate=on characterencoding=UTF-8 exportdeleted=off virtualdelete=off holdupdate=off holddelete=off locations=\${locations} move240to244=off f003=SE-LIBR lcsh=off composestrategy=composelatin1 authtype=interleaved isbnhyphenate=off authcreate=off authupdate=off format=MARCXML biblevel=off issnhyphenate=off issndehyphenate=off holdtype=interleaved holdcreate=off isbndehyphenate=off efilter=off move0359=off sab=on

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