

**Interface Specification**

FBS-14789

**External agent authorities integration for  
EDM**

# Table of Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
<b>2</b>	<b>Integrations .....</b>	<b>3</b>
2.1	Fetching and mapping records .....	3
2.2	Fetch agent authorities from VIAF .....	3
2.3	Fetch agent authorities from Nasjonalbiblioteket .....	3

## Interface Specification

Project: FBS-14789  
Revision: Revision: 1.2 Date: 19 Feb 2024  
Document: SSE/14789/IFS/0031

Copyright (c) 2024 by Systematic Group. It shall not be copied, reproduced, disclosed or otherwise made available to third party without previous consent from Systematic Group

## 1 Introduction

This document describes how Cicero interacts with third party agent authority sources.

The target groups for this document are customers and users of Cicero using the EDM create agent functionality that uses suggestions from external agent authority sources.

## 2 Integrations

### 2.1 Fetching and mapping records

In Cicero, it is possible to fetch authority records from VIAF and Nasjonalbiblioteket.

When a user requests suggestions from one of the authority sources in Cicero, Cicero fetches and parses a list of marc21 records from the selected source. The parsing will take into account any potential mappings between marc fields/subfields and external codes in value sets.

If errors are found in the data from an external source, it is possible to send an error report by email to the external source owner.

### 2.2 Fetch agent authorities from VIAF

The service url for VIAF is:

[https://viaf.org/processed/search/processed?query=local.personalName\\_all \"{query}\"&recordSchema=info:srw/schema/1/marcxml-v1.1&httpAccept=text/xml](https://viaf.org/processed/search/processed?query=local.personalName_all \)

The search query is of the form:

*"local.personalName all {query text here}"*

VIAF will also be called when fetching by id so that the external source can be displayed in Cicero when opening an agent with an associated external source.

When searching by id, the query is of the form:

*"local.identifiers exact {id1} or local.identifiers exact {id2} ..." etc.*

### 2.3 Fetch agent authorities from Nasjonalbiblioteket

The service url for Nasjonalbiblioteket is:

<https://authority.bibsys.no/authority/rest/sru?operation=searchRetrieve&version=1.2&recordSchema=marcxml&query={query}>

The search query is the direct query text being searched.

This service provides a distinct endpoint for searching by id. It is not possible to search by multiple ids at once, but the search by id endpoint looks like:

<https://authority.bibsys.no/authority/rest/authorities/v2/{id}>

# SYSTEMATIC

## Denmark - HQ

Aarhus  
Copenhagen

## Australia

Canberra

## Canada

Ottawa

## Finland

Tampere

## Germany

Cologne

## New Zealand

Wellington

## Romania

Bucharest

## Sweden

Stockholm

## UAE

Abu Dhabi

## UK

Farnborough

## USA

Centreville

To find more specific office details please scan the QR code below

