

# Hakurajapinnat / Search & harvesting APIs

## Z39.50

[Z39.50](#) is a communications protocol over TCP for searching databases. Several library systems support it.

Instance	Domain name	Port	Database	Details
Bibliographic records	z3950.api.melinda.kansalliskirjasto.fi	210	fin01	Open Data
Bibliographic records (Alma)	z3950.api.melinda.kansalliskirjasto.fi	10211	fin01alma	This instance has filtered record data intended only for the integration between Melinda and Alma.
Bibliographic records (Alma) (Test)	z3950.api.melinda-test.kansalliskirjasto.fi	10212	fin01alma	This instance has filtered record data intended only for the integration between Melinda and Alma.

## SRU

[SRU](#) is an HTTP search protocol that succeeds the Z39.50 protocol.

Instance	URL	Details
Bibliographic records	<a href="https://sru.api.melinda.kansalliskirjasto.fi/bib">https://sru.api.melinda.kansalliskirjasto.fi/bib</a>	Open Data
Authority subject heading records	<a href="https://sru.api.melinda.kansalliskirjasto.fi/aut-subjects">https://sru.api.melinda.kansalliskirjasto.fi/aut-subjects</a>	Open Data
Authority name records (restricted)	<a href="https://sru.api.melinda.kansalliskirjasto.fi/aut-names">https://sru.api.melinda.kansalliskirjasto.fi/aut-names</a>	IP restricted. Available on request for Melinda libraries.
Bibliographic records (restricted)	<a href="https://sru.api.melinda.kansalliskirjasto.fi/bibprv">https://sru.api.melinda.kansalliskirjasto.fi/bibprv</a>	IP restricted. Provides internal fields not available in the Open Data instance. Available on request for Melinda libraries.
Bibliographic records (Test)	<a href="https://sru.api.melinda-test.kansalliskirjasto.fi/bib">https://sru.api.melinda-test.kansalliskirjasto.fi/bib</a>	IP restricted. Provides internal fields not available in the Open Data instance. Available on request for Melinda integration testing.

## Fennica national bibliography and Viola national discography

Fennica's and Viola's bibliographic records can be queried with the query `melinda.authenticationcode=finb` and `melinda.authenticationcode=finbd` respectively.

## OAI-PMH

[OAI-PMH](#) is an HTTP metadata harvesting protocol.

Instance	URL	Details
Bibliographic records	<a href="https://oai-pmh.api.melinda.kansalliskirjasto.fi/bib">https://oai-pmh.api.melinda.kansalliskirjasto.fi/bib</a>	Open Data
Authority subject heading records	<a href="https://oai-pmh.api.melinda.kansalliskirjasto.fi/aut-subjects">https://oai-pmh.api.melinda.kansalliskirjasto.fi/aut-subjects</a>	Open Data
Authority name records	<a href="https://oai-pmh.api.melinda.kansalliskirjasto.fi/aut-names">https://oai-pmh.api.melinda.kansalliskirjasto.fi/aut-names</a>	IP restricted. Available on request for Melinda libraries.

## Fennica national bibliography and Viola national discography

Fennica's and Viola's bibliographic records can be queried with the sets `fennica` and `viola` respectively.

## Arto - a collection of Finnish periodical and monograph articles in Melinda.

Arto's bibliographic records can be queried with the set `arto`.