APIs

Interfaces that provide access to our data

Linked Data

Linked Data is is a method of publishing structured data so that it can be interlinked and accessed by both humans and machines.

- Fennica Linked Data — Access to the Fennica national bibliography represented as Linked Data.
  - Fennica RDF data model

OAI-PMH

The Open Archives Initiative Protocol for Metadata Harvesting https://www.openarchives.org/pmh/ (OAI-PMH) is a protocol for harvesting metadata descriptions of records in a repository. We provide OAI-PMH access to several document and metadata repositories.

- Digi OAI-PMH — Access to digitized newspaper and journal collections via OAI-PMH.
- Doria OAI-PMH — Access to collections in the Doria open repository via OAI-PMH.
- Fenno-Ugrica OAI-PMH — Access to collections in the Fenno-Ugrica open repository via OAI-PMH.
- Fragmenta OAI-PMH — Access to collections in the Fragmenta Membranea open repository via OAI-PMH.
- Melinda OAI-PMH — Access to the Melinda shared metadata repository / union catalog via OAI-PMH.

OpenSearch

OpenSearch http://www.opensearch.org is a collection of simple formats for the sharing of search results. An OpenSearch description document can be used to describe a search engine so that it can be used by search client applications.

- DSpace OpenSearch — Access to many DSpace based open repositories via OpenSearch API.

OpenURL

OpenURL https://www.doi.org/factsheets/DOI_OpenURL.html is a format for encoding a description of a resource within a URL, intended to help Internet users to find a copy of the resource that they are allowed to access.

- Digi OpenURL — Access to digitized newspaper collections via OpenURL.

REST

REST (Representational State Transfer) is an API implementation style that provides web services using the HTTP protocol.

- DIGI DAM REST API — Access to the search result metadata of Digi.kansalliskirjasto.fi DAM-API
- Finna REST API — Access to the index of the Finna.fi discovery system via REST API.
- Finto REST API — Access to the vocabularies of the Finto thesaurus and ontology service via REST API.
- ISIL REST API — Access to the ISIL identifiers of Finnish libraries via REST API.

Z39.50 and SRU

Z39.50 http://www.loc.gov/z3950/agency/ is a client-server communications protocol for searching and retrieving information from a database. It is supported by many integrated library systems. SRU http://www.loc.gov/standards/sru/ (Search and Retrieve via URL) is a successor protocol that is based on HTTP but provides the same facilities for searching.

- Fennica/Arto/Viola/Melinda Z39.50 and SRU API — Access to metadata repositories via Z39.50 and SRU API.