

Andornot Discovery Interface (AnDI)

The Andornot Discovery Interface (AnDI) is a modern web-based search engine and discovery interface specifically designed for libraries, archives, museums and similar cultural institutions.

A discovery interface encourages serendipitous discovery of resources. Users enter keywords to express roughly what they are looking for, then sophisticated search algorithms with automatic word stemming, spelling corrections and relevancy ranking present results. Users refine their search through a *faceted browsing* process, selecting from lists of names, subjects, dates, material types and similar key fields to narrow their search results to just items of interest.

Discovery interfaces have been widely adopted by public and academic libraries around the world, with origins in large web companies such as Amazon and eBay. This proven search model works well for all textual data.

Search

Showing 1 - 20 of 144 for search *skates*

Sort **Relevance** ▾

Skates, Ice – 1930s-40s.

Ice skates: men's, black leather, "Canada Cycle and Motor Co. Ltd. / CCM Prolite / Reg. 1934 / Weston Canada" on blade; "Made in Canada / 11 1/2" on sole plate of blade; "CCM / ML" stamped in leather on bottom of sole - also another word but illegible; laces still present



Skates, ice

a-b) Skate blade; straight bottom edge; sloped toe edge; engraving reads "The Starr M.F.G. Co. Makers Halifax N.S. Canada, International Chrome Nickel Runner Guaranteed Temper Starr"; blade attached to platform; separate platform for heel and toe; 6 screws in both the toe and heel platform; black boot attached to platform; sewn on to tongue of boot is a white and red label that reads "A.G. Spalding & Bros. A.D., 1876, Made in Canada"; 2 rows of metal eyelets run up both sides of tongue; 14 on each side.



Skates, Roller – Chicago Roller Skate Co. – c. 1925.

a,b) Skate: black leather lace-up ankle boot; leather sole and heel; black cotton lace; boot mounted to nickel-plated metal roller bed; cylindrical shocks, c.f. and c.b. base; vulcanized rubber (?) wheels on T-shaped mount, 2 front and 2 back; ball bearing centres; impressed in front wheels a): "CHICAGO, PAT. PEND. No. 78 SPL"; cloth label, interior tongue a): "CHICAGO-VELVET TREAD-T.M.REG.US. PAT. OFF."; threaded brass light socket with a small bulb secured to bottom instep of boot; 2 black electrical wires with battery connection at distal end sewn to side instep. c) Key: diamond-shaped handle with 6-sided perforation, centre; "CHICAGO ROLLER SKATE CO." impressed, handle; cylindrical extension with square opening, distal; nickel-plated metal, entire. d) Case: rectangular; lid hinged to rear; wood body; black paper cover, exterior; black/cream diamond print paper, interior; D-shaped padded leather handle, c.f.; nickel-plated metal handle fastenings and locks, front edge; metal label, c.f.: "MARINE INSTRUMENTS AND CONTROLS LTD.; VANCOUVER B.C." red/gold, entire; 3 large paper decals, interior lid; left to right: 8-sided decal, orange/blue; "WESTMINSTER ROLLERDOME, Largest in B., C., 8th St. NEW WESTMINSTER"; Square decal; yellow with red letters; "SOUTHGATE ROLLERDOME; SEATTLE'S FRIENDLY RINK; Home of WINDSOR Waltz Club"; Triangular-shaped decal; red/white; spread wings with shield below "ALEXANDRA ROLLER CLUB, HAMILTON".



Narrow Search

Subject

[Sporting Goods \(34\)](#)
[Ice Skates \(14\)](#)
[Roller Skates \(3\)](#)

[+ more...](#)

Creator

[Chicago Roller Skate Co. \(2\)](#)
[CCM \(4\)](#)

[+ more...](#)

Type

[Textual Materials \(12\)](#)
[Photograph \(4\)](#)
[Artifact \(2\)](#)

[+ more...](#)

Data Sources and Metadata Standards

AnDI maintains a single, searchable repository of data that can be imported from many sources, including DB/TextWorks, MS Access, SQL and MySQL, FileMaker, integrated library systems such as Inmagic Genie, MARC records, any XML, CSV or other text file. There's not much data that can't be indexed!

AnDI adheres to the [Dublin Core Metadata standard](#), with imported data mapped to fields in the Dublin Core element set. This permits multiple data sources, each with different schema, to be indexed, searched and presented in a single discovery interface. Users don't need to know anything about the structure of the source data to take advantage of this search engine. This also allows data in the AnDI to be easily shared with other search engines or repositories, using Dublin Core as a common medium.

Technology

The Andornot Discovery Interface is a .NET web application based on the open-source **Apache Solr** search engine. Solr is fast, can handle very large data sets, and has excellent and highly configurable search algorithms and relevancy rankings. These features combine to provide one of the best possible search experiences for users. Solr is used by many leading websites, including these examples:

- [Internet Archive](#)
- [The Smithsonian Institution](#)
- The University of Alberta Library's [Peel's Prairie Provinces](#)
- [Université Laval library catalogue](#)
- [Netflix](#)
- [Ticketmaster](#)
- [CNET Reviews](#) and [Shopper.com](#)

and the websites of these cultural institutions:

- the [Our Ontario](#) website
- the Library of Congress [Chronicling America](#) Project
- the National Library of Australia's [Trove](#) website

Website Integration

AnDI uses .NET master pages and CSS for separation of overall site design from search functionality. This allows us to match the design of almost any website or Content Management System in a site powered by AnDI. The contents of the site design can be stored within the AnDI application, or in your site/CMS, so that changes to your website are always reflected in the AnDI site.

AnDI can also be provided as .NET user controls for integration into other .NET applications, such as the Umbraco Content Management System, as another means of blending AnDI into a website.

AnDI follows W3C recommendations and best practices for accessibility, to ensure the site is available to as wide a range of users as possible.

Features List

Included Features	
Automated import of data from multiple sources, in multiple formats.	✓
Adherence to Dublin Core metadata scheme.	✓
Simple search interface allows users to search all fields at once.	✓
Advanced search interface allows more complex searches.	✓
Searches support the use of wildcards, proximity operators, ranges, fuzzy logic, and boolean operators, with spell-checking of terms and suggested corrections.	✓
Search results include spelling suggestions/corrections.	✓
Search results are sorted by relevancy, with the option to group and/or sort by other key fields.	✓
Search results include a display of facets based on Dublin Core metadata, and refinement of search using facets.	✓
Search results brief display includes “snippets” of text to showing the search words in context, and highlighted.	✓
Search results include icons to represent record types, giving a quick visual guide to the results.	✓
Search results may include links to related files (e.g. PDFs) or original data sources.	✓
Search results may include images, displayed with the record, in an overlay, or in a gallery format.	✓
Brief search results may be expanded to display all record information.	✓
Search results may be displayed in a print-friendly format.	✓
Users may bookmark and share records using permalinks and an AddThis or similar social bookmarking button.	✓
You can create “canned queries” – pre-created searches as hyperlinks, often used to direct users to new items or popular topics, for example.	✓
Search tips and help are available	✓

Available Optional Features	
Extract and index the full text from documents (e.g. Word, PDF, HTML, text, etc.), to include in search results (including highlighting of text within the source document).	✓
Generate a sitemap.xml file of all records in the index, to assist search engines, such as Google, in finding and indexing records.	✓
For records with an ISBN, display Google Book covers and links to Google Books information (or to other content providers, such as Amazon and Hathi Trust).	✓
Users can browse an alphabetical list of entries from Dublin Core fields.	✓
Users can email a search.	✓
Search results can show related resources (i.e. additional search results based on key fields in a record).	✓
Users can save records and searches to a list.	✓
Users can save, email, or print a list of saved records.	✓
Users can subscribe to an RSS feeds of searches.	✓
You can allow users to submit comments and ratings on records in the search results.	✓
You can provide an ordering system (e.g. to order photo reproductions, for example).	✓

System Requirements

AnDI relies on the Microsoft .NET framework version 4.0 or above. While this can be installed on any version of windows from 2000 onwards, and any version of IIS from 6 onwards, we do recommend using the most recent of each (e.g. Windows Server 2008 and IIS7).

AnDI uses Apache Solr and Tomcat or Jetty. These components are provided with AnDI, so do not need to be installed separately.

If Andornot hosts AnDI, these system requirements are met by the Andornot hosting environment.

The AnDI web interface is designed for the current version of the following browsers, and assumes they will have javascript enabled:

- IE7+ (IE6 may be usable but is not supported)
- Firefox
- Chrome
- Opera
- Safari
- Mobile Safari (iPhone, iPad, iTouch)
- Android Browser 2.3+
- Blackberry OS 7 Phone Browser, PlayBook Browser