

DDF User's Guide

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1. Using the Simple Search

The DDF Simple Search UI application provides a low-bandwidth option for searching records in the local Catalog (provider) and federated sources. Results are returned in HTML format.

1.1. Search

The **Input** form allows the user to specify keyword, geospatial, temporal, and type query parameters. It also allows the user to select the sources to search and the number of results to return.

1.1.1. Search Criteria

Enter one or more of the available search criteria to execute a query:

Keyword Search

A text box allowing the user to enter a textual query. This supports the use of (*) wildcards. If blank, the query contains a contextual component.

Temporal Query

Select from **any**, **relative**, or **absolute**. Selecting **Any** results in no temporal restrictions on the query, selecting **relative** allows the user to query a period from some length of time in the past until now, and selecting **absolute** allows the user to specify a **start** and **stop** date range.

Spatial Search

Select from **any**, **point-radius**, and **bounding box**. Selecting **Any** results in no spatial restrictions on the query, selecting **point-radius** allows the user to specify a **lat/lon** and **radius** to search, and selecting a **bounding box** allows the user to specify an **eastern**, **western**, **southern**, and **northern** boundary to search within.

Type Search

Select from **any**, or a specific type. Selecting **Any** results in no type restrictions on the query, and Selecting **Specific Types** shows a list of known content types on the federation, and allows the user to select a specific type to search for.

Sources

Select from **none**, **all sources**, or **specific sources**. Selecting **None** results in querying only the local provider, Selecting **All Sources** results in an enterprise search where all federations are queried, and selecting **Specific Sources** allows the user to select which sources are queried.

Results per Page

Select the number of results to be returned by a single query.

1.1.2. Results

The table of results shows the details of the results found, as well as a link to download the resource if applicable.

1.1.2.1. Results Summary

Total Results

Total Number of Results available for this query. If there are more results than the number displayed per page then a page navigation link appears to the right.

Pages

Provides page navigation, which generate queries for requesting additional pages of results.

1.1.2.2. Results Table

The Results table provides a preview of and links to the results. The table consists of these columns:

Title

Displays title of the metacard. This is a link which can be clicked to view the metacard in the Metacard View.

Source

Displays where the metadata came from, which could be the local provider or a federated source.

Location

Displays the WKT Location of the metacard, if available.

Time

Shows the Received (Created) and Effective times of the metacard, if available.

Thumbnail

Shows the thumbnail of the metacard, if available.

Download

A download link to retrieve the resource associated with the metacard, when applicable, if available.

1.1.3. Result View

This view shows more detailed look at a result.

Back to Results Button

Returns the view back to the Results Table.

Previous & Next

Navigation to page through the results one by one.

Result Table

Provides the list of properties and associated values of a single search result.

Metadata

The metadata, when expanded, displays a tree structure representing the result's custom metadata.

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