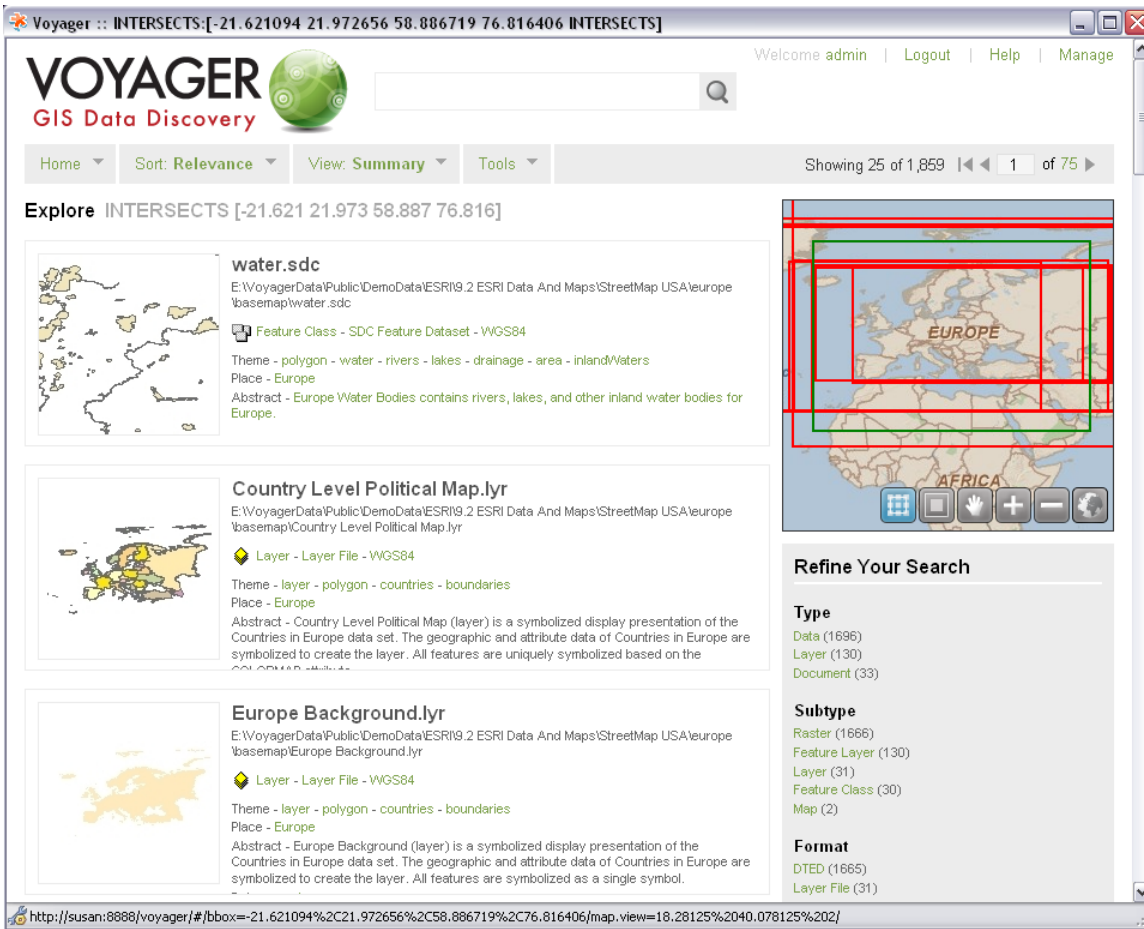


# User Guide

This section gives an overview of the Voyager application. It describes the user interface components, how to search and view your data, and various processes that can be run to help speed up day-to-day tasks.

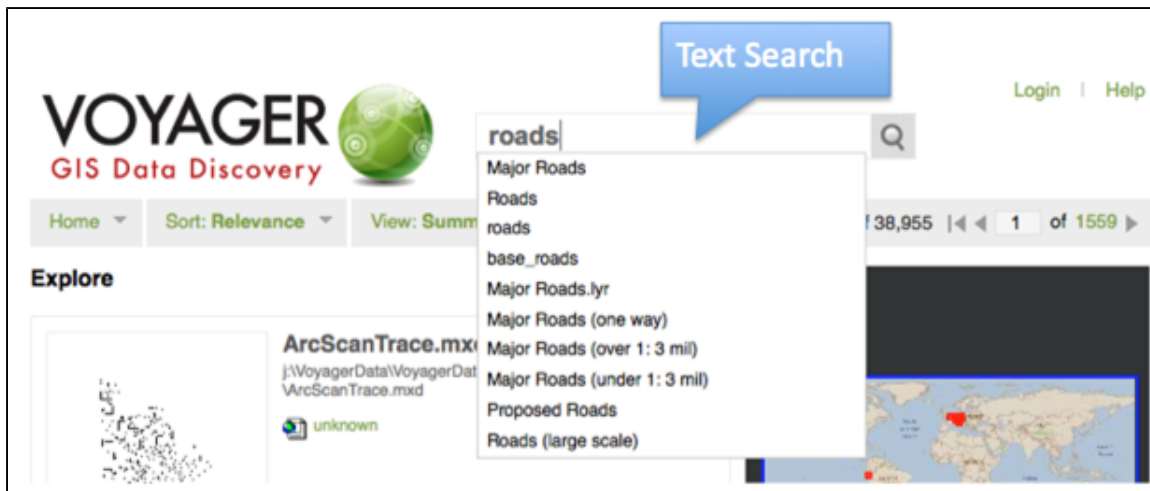
## User Interface

The Voyager display is composed of a few basic components, including a textual search box, a toolbar containing some helpful menus, a search results area, an overview map, and filters, all of which will be explained in this section.



## Search Box

The search box is used for text queries and is an easy way to find items in the index. For more information on how to search using the text search box, go to [Query Syntax](#).



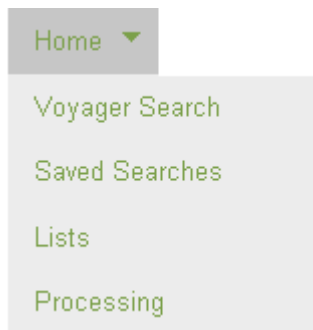
## Menu Toolbar

The toolbar contains the navigational and functional menus within Voyager: [Home](#), [Sort](#), [View](#), [Tools](#). It also displays the number of results in the current search and provides the ability to navigate through the results pages.



## Home Menu

The Home menu has four options: [Voyager Search](#), [Saved Searches](#), [Lists](#) and [Processing](#). Voyager Search clears any previous search, brings the interface to the main page and shows all indexed data. Saved Searches takes you to a list of previously saved searches. Lists displays the various lists you have created. Processing displays a history of the process tasks that have been run.

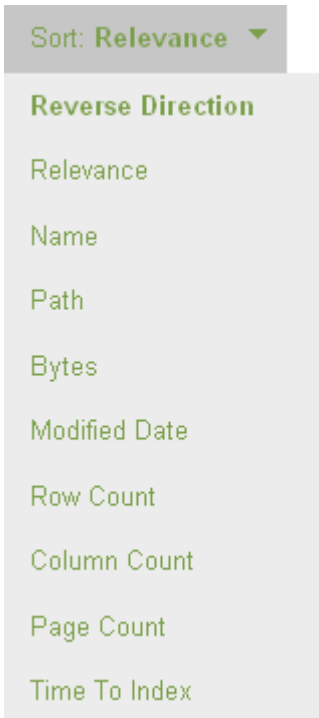


### Shortcut

The Voyager GIS Data Discovery logo at the top of each page also clears your search and brings you back to the main page.

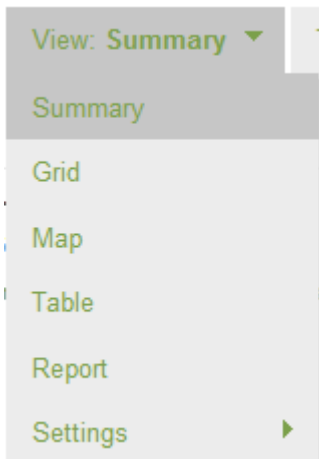
## Sort Menu

The Sort menu has a list of sorting options so you can see results in the way that makes most sense to you. This list is configurable via the [Configure Sort](#) dialog and also contains an option for reversing the direction of the search results.



## View Menu

The View menu enables a user to determine how they want the data to be displayed. There are five view options: [Summary](#), [Grid](#), [Map](#), [Table](#) and [Report](#). The View tab also allows a user to determine and set configurations for [Filters](#), [Display](#), [Table](#), [Reports](#), and [Sort](#).



## Tools Menu

The Tools menu provides several things a user can do with the data that Voyager has discovered, including: [Save This Search](#), [Open RSS Feed](#), [Open Results With](#), [Process Results](#), [Add Results to List](#), and [Export Result List](#).

Tools ▾

- Save This Search...
- Open RSS Feed
- Open Results With...
- Process Results ▶
- Add Results to List...
- Export Result List...

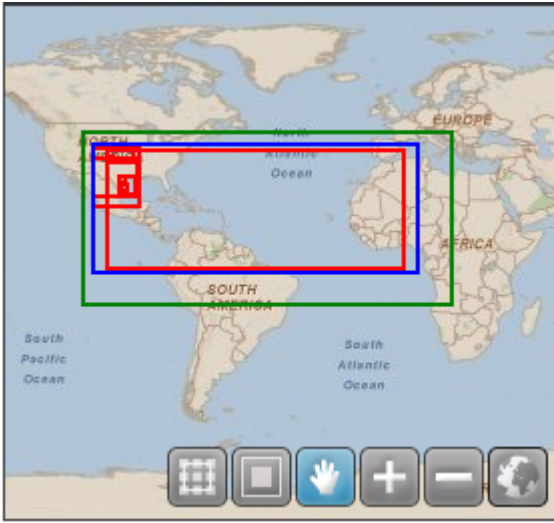
### Search Results

Below the toolbar, the search results are displayed in the type of View the user has chosen (Summary, Grid, Map, Table, Report). In this case, the results are displayed in the Grid View.



### Overview Map

The Overview Map to the right of Search Results displays the extents of the data on a map.



Color	Meaning
Green	spatial extent that was searched (by drawing a polygon on the map)
Blue	The extent of all results that match the given query
Red	The footprint for each result that is displayed on the current page. Note that this is not <b>all</b> matching results.

## Filters

Below the Overview Map is a list of Filters, which are used to refine a search. The default filters are: Type, Subtype, Format, Geometry Type, Properties, Author, Spatial Reference, File Extension and Location, but they are [configurable](#). The Show Inverse Option filters on the opposite value of any existing filter.

### Refine Your Search

---

**Type**

- Data (33335)
- Document (3586)
- Layer (2033)
- Server (1)

**Subtype**

- Raster (29817)
- PDF Document (3244)
- Polygon (2243)
- Feature Layer (1914)
- Point (744)
- Polyline (483)
- Layer (.lyr) (260)
- Raster Layer (117)
- Map (.mxd) (57)
- XML (20)
- [+] MORE

**Format**

- Raster Data (27929)
- GeoPDF (3237)
- DTED (1882)
- File Geodatabase (1545)
- Shapefile (1436)

Within the Filters section, Field Statistics shows the total size, average size, and deviation for all files in the index.

**Field Statistics**

---

**Bytes**

Total: 59.6 MB  
 Average: 327 KB  
 Deviation: 861 KB

Depending on the user's permission level, Admin Options may be available from the Filters section. The following actions can be taken on the **current set of results**:

- Remove from the index, with the option of also deleting the corresponding thumbnails, metadata, and layer files
- Add results to the discovery queue, which re-indexes the items immediately
- Show the underlying query

**Admin Options**

---

Remove results from the Index  
 Add results to discovery queue  
 Show Raw Query

**Refine Your Search**

---


**Type**

- Layer (3547)
- Data (847)
- Document (465)
- Database (1)

**Subtype**

- Feature Layer (3785)
- Feature Class (562)
- Raster (260)
- Raster Layer (188)
- Table Dataset (24)
- Map (21)
- Group Layer (17)
- File Geodatabase (1)
- Office (1)
- Relationship Class (1)

**Watch Video Online**  
<http://voyagergis.com/doc/current/Filters>



## Searching for Data

Searching for data can be done in different ways. Voyager provides [filters](#), which can be used to narrow your set of results to just the data you are looking for. Another option is to do a textual search, using the [search box](#). Once you have found what you are looking for, the results can be [sorted](#) by different fields.



**Watch Video Online**  
<http://voyagergis.com/doc/current/Searching for Data>



# Query Syntax

By default Voyager searches over all text (including metadata) for matching items. Results that match the title or path are ranked above results matching any other text. To customize the default field weights, see [Query Settings](#)

In addition to the default behavior, Voyager supports explicit operators and field selection

## Operators

### OR

The OR operator is the default search operator. This means that if there is no operator between two terms in a search, the OR operator is used. The OR operator links two terms and finds a matching document if either of the terms exist in a document.

For example, to search for documents that contain either "Florida highways" or just "highways" use the query:

```
"Florida highways" highways
```

or

```
"Florida highways" OR highways
```

### AND

The AND operator matches documents where both terms exist anywhere in the text of a single document.

For example, to search for documents that contain "rivers" and "lakes" use the query:

```
rivers AND lakes
```

## Fields

Voyager supports fielded data. When performing a search you can either specify a field name, or use the default search which uses many fields.

You can search any field by typing the field name in lowercase followed by a colon ":" and then the term you are looking for. Searching by field names only produces results that match the particular field specified.

For example, to search for any documents with "Rivers" in the name field and "Florida" in the path field, use the query:

```
name:rivers AND path:Florida
```

Note: The field is only valid for the term that it directly precedes, so the query

```
name:major cities
```

Will only find "major" in the name field. It will find "cities" using the default search which uses many fields.

To search for 2 or more terms in a field name, quotes around the text are required. For example, to search the name field for "major cities", use the query:

```
name:"major cities"
```

## Search by path

Paths in voyager can either be searched for using the standard field selection operator ":", or a special "=" operator that matches folders explicitly.

Using the standard "path:" syntax, the query is looking for words in the path. For example:

```
path:Desktop
```

Will return items with "Desktop" in the path.

Using the "=" operator will find files explicitly in a folder. For example:

```
path=F:\Desktop\NJ DEP\NJ100mhillshd\nj100mhill
```

Will find all results under this folder. Additionally, the **path=** syntax triggers a special [Path Navigation UI](#).

### Wildcards

Voyager supports single and multiple character wildcard searches within single terms.

To perform a single character wildcard search use the "?" symbol.

To perform a multiple character wildcard search use the "\*" symbol.

The single character wildcard search looks for terms that match that with the single character replaced. For example, to search for "text" or "test" you can use the search

```
te?t
```

Multiple character wildcard searches looks for 0 or more characters. For example, to search for counties or countries, you can use the search:

```
count*
```



Note: \* or ? are not valid as the first character in a search string

### Escaping Special Characters

Voyager supports escaping special characters that are part of the query syntax. The current list special characters are:

```
+ - && || ! ( ) { } [ ] ^ " ~ * ? :
```

To escape these character use the \ before the character. For example to search for (1+1):2 use the query:

```
(1+1)\:2
```

### Lucene Query Syntax

Text searches in Voyager are based on Lucene style syntax. So users can use operators, specific field names or wildcards to produce the results they require.

For more information about Lucene style syntax please refer to the following link:  
[http://lucene.apache.org/java/3\\_0\\_1/queryparsersyntax.html](http://lucene.apache.org/java/3_0_1/queryparsersyntax.html)



## Sorting Results

The Sort tab has a list of sorting options so you can see results in the way that makes most sense to you. This list is configurable via the [Configure Sort](#) dialog and also contains an option for reversing the direction of the search results.



**Watch Video Online**  
<http://voyagergis.com/doc/current/Sorting Results>



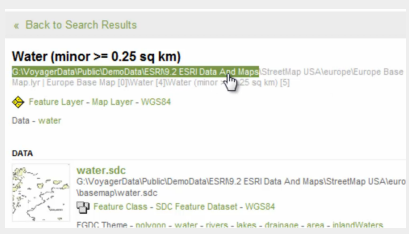
Sort: **Relevance** ▼

- Reverse Direction
- Relevance
- Name
- Path
- Bytes
- Modified Date
- Row Count
- Column Count
- Page Count
- Time To Index


## Path Navigation

Path Navigation is new to version 1.2.3 in Voyager.

This allows filtering simply by clicking any of the folder or sub-folder locations from the path on the Detail Page.



**Watch Video Online**  
<http://voyagergis.com/doc/current/Path Navigation>



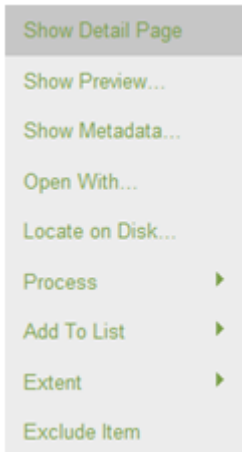


### Query Syntax

To enable this feature manually, enter "path=C:\path\to\your\data" in the search box

## Search Result Options

Voyager provides options to a user when a thumbnail of an individual search result is clicked in the Summary, Grid or Map Views. These options are: Show Detail Page, Show Preview, Show Metadata, Open With, Locate on Disk, Process, Add to List, Remove From List, Extent, and Exclude item.



## Detail Page

The Detail Page reveals many details specific to this individual search result. By default, the details displayed include basic attributes like the name, path, theme, place, etc. What information is displayed can be configured via the Configure Display option under the View menu.



### city.sdc

E:\VoyagerData\Public\DemoData\ESRI\9.2 ESRI Data And Maps\StreetMap USA\mexico\data\city.sdc

Feature Class - SDC Feature Dataset - WGS84

Theme - point - cities - population - location

Place - Mexico

Abstract - [Mexico Cities represents the locations of cities in Mexico.](#)

#### USED BY

1 - 9 of 9 »



#### Large City Labels

E:\VoyagerData\Public\DemoData\ESRI\9.2 ESRI Data And Maps\StreetMap USA\mexico\Mexico Map.lyr | Mexico Map [0]City (points) [0]Large City Labels [0]

Feature Layer - WGS84

Data - city



#### Selected Major Cities

E:\VoyagerData\Public\DemoData\ESRI\9.2 ESRI Data And Maps\StreetMap USA\mexico\Mexico Map.lyr | Mexico Map [0]City (points) [0]Selected Major Cities [1]

Feature Layer - WGS84

Data - city

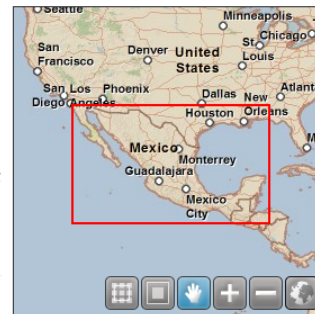


#### Major Cities

E:\VoyagerData\Public\DemoData\ESRI\9.2 ESRI Data And Maps\StreetMap USA\mexico\Mexico Map.lyr | Mexico Map [0]City (points) [0]Major Cities [2]

Feature Layer - WGS84

Data - city



[+] Show Preview  
[+] Show Metadata

The detail page also shows links or relationships between the item and any other items in the index. For example, if the dataset is used in an MXD or Layer File, the MXDs or Layer Files will be displayed as links in the "USED BY" section.

Conversely, MXDs and Layer Files display the items within them in a tree structure, so users can see which Feature Layers and datasets are used in the document and can explore them directly from the DATA section or via the links in the MXD structure.

The screenshot displays the ArcMap interface with the following components:

- Map View (Top Left):** A small thumbnail map showing the geographic area.
- Map View (Top Right):** A larger map view showing a portion of Utah with a red rectangular selection box. Labels include 'Cedar City', 'Dixie NF', 'Saint George', and 'Utah'. Navigation controls are visible at the bottom.
- DATA Pane (Middle):** A list of data layers with preview thumbnails and metadata.
  - Zion:** Polygon feature class from a geodatabase. Theme: 'polygon - federal lands - indian lands - boundaries - planning/Cadastre'. Description: 'Area - REQUIRED: A brief, readable summary of the data set.'
  - MJRoads:** Line feature class from a geodatabase. Theme: 'line - highways - roads - interstates - major streets - etc - transportation'. Description: 'Area - REQUIRED: A brief, readable summary of the data set.'
  - WaterPoints:** Point feature class from a geodatabase. Theme: 'POINT IRRFD: Common-use word or phrase used to describe the subject of the data set.'
  - Streams:** Polygon feature class from a geodatabase. Theme: 'REQUIRED: Common-use word or phrase used to describe the subject of the data set. Area - REQUIRED: A brief, readable summary of the data set.'
  - WaterBodies:** Polygon feature class from a geodatabase. Theme: 'REQUIRED: Common-use word or phrase used to describe the subject of the data set. Area - REQUIRED: A brief, readable summary of the data set.'
  - Cities:** Point feature class from a geodatabase. Theme: 'point - cities - towns - populated places - location'. Description: 'Area - REQUIRED: A brief, readable summary of the data set.'
  - Hillshade:** Raster dataset (PNG) with unknown spatial reference.
- STRUCTURE Pane (Bottom):** A tree view showing the document's structure.
  - EditingAnno.mxd (7 children)
    - Layers
      - Cities
      - Water Points
      - Major Roads
      - Streams
      - Water Bodies
      - Zion
      - Hillshade

The relationships between items in a database are also captured and displayed. For example, databases show links to all of the items within them. Feature datasets show which database they are in, as well as the datasets they contain. And datasets have links to their

database and feature datasets.

**Transportation**  
E:\VoyagerData\Public\DemoData\ESRI\ArcTutor93\Editor\ExerciseData\SpatialAdjustment\Rubbersheet.gdb\Transportation  
Feature Dataset - File Geodatabase - NAD83 / UTM Zone 10N  
Theme - REQUIRED: Common-use word or phrase used to describe the subject of the data set.  
Abstract - REQUIRED: A brief narrative summary of the data set.  
Database - Rubbersheet.gdb  
Contains - ImportStreets - Streets

**DATABASE**  
**Rubbersheet.gdb**  
E:\VoyagerData\Public\DemoData\ESRI\ArcTutor93\Editor\ExerciseData\SpatialAdjustment\Rubbersheet.gdb  
File Geodatabase  
Contains - Transportation

**CONTAINS** 1 - 2 of 2 >

**Streets**  
E:\VoyagerData\Public\DemoData\ESRI\ArcTutor93\Editor\ExerciseData\SpatialAdjustment\Rubbersheet.gdb\Transportation\Streets  
Feature Class - File Geodatabase - NAD83 / UTM Zone 10N  
Theme - REQUIRED: Common-use word or phrase used to describe the subject of the data set.

**ImportStreets**  
E:\VoyagerData\Public\DemoData\ESRI\ArcTutor93\Editor\ExerciseData\SpatialAdjustment\Rubbersheet.gdb\Transportation\ImportStreets  
Feature Class - File Geodatabase - NAD83 / UTM Zone 10N  
Theme - REQUIRED: Common-use word or phrase used to describe the subject of the data set.

## Show Metadata

Displays the item's metadata using the style selected from the dropdown menu. This Additional, custom style sheets can be added to this list.

cities

FGDC [XML]

FGDC  
FGDC Classic  
FGDC FAQ  
ISO  
ISO 19139

**Europe Cities**

**Data format:** SDC Feature Database  
**File or table name:** cities.sdc  
**Coordinate system:** Geographic  
**Theme keywords:** point, cities, capitals, landmark cities, society

**Abstract:** Europe Cities represents the cities of Europe including national capitals, major population centers, and landmark cities.

**FGDC and ESRI Metadata:**

- [Identification Information](#)
- [Data Quality Information](#)
- [Spatial Data Organization Information](#)
- [Spatial Reference Information](#)
- [Entity and Attribute Information](#)
- [Distribution Information](#)
- [Metadata Reference Information](#)

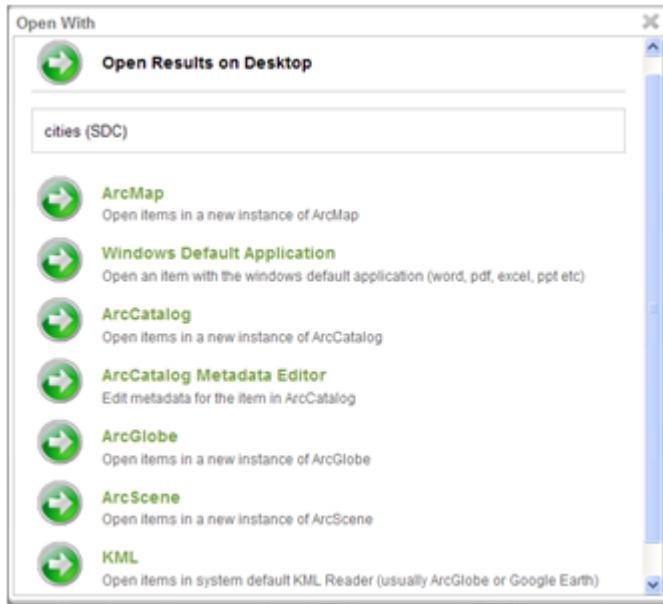
## Show Preview

Shows a larger, more detailed view of the dataset.



## Open With

The Open With option allows the user to open the individual search result in a variety of desktop applications, including ArcGIS desktop applications, KML viewer, or the Windows Default Application.



## Locate on Disk

Opens Windows Explorer and navigates to the individual search result on disk.

## Process

This option opens the choices for processing the individual search result on desktop or server. The process choices are Clip and Ship, Convert to KML, Create Default Metadata, Copy Data or Mosaic. For more detailed information about the processes, see the [Processing](#) section.



### Clip and Ship

Extract a region of the results into a distributable bundle



### Convert to KML

Convert item to KML



### Create GeoPDF

Create a GeoPDF



### Create Default Metadata

Create default metadata for items



### Create Raster Mosaic

Combine all search results into a single Raster Mosaic



### Copy Data

Copies data from one location to another



### Mosaic

Combine all Imagery into a single raster

## Add to List

This gives the user the ability to add the individual search result to either a new list or an existing list.

For more information about lists: [Working with Lists](#)

## Remove From List

This gives the user the option to remove the individual search result from a list.

For more information about lists: [Working with Lists](#)

## Extent

This gives the user the options to:

- Zoom to Extent - Zooms the map into the extent of this item
- Query Within Extent - Performs a spatial query and returns all items whose extent falls completely within the current item's extent.
- Query Extent Intersection - Performs a spatial query and returns all items whose extent intersects the current item's extent.

All results are reflected in the overview map in the upper right-hand corner of the window.

## Exclude Item

This option allows the user to exclude an individual search result from the search.

## RSS Feeds

This tool allows a user to open search results in an RSS Feed, which will automatically notify them if something in their results changes.



**Watch Video Online**  
<http://voyagergis.com/doc/current/RSS Feeds>



See also: [OpenSearch](#), [RSS](#)

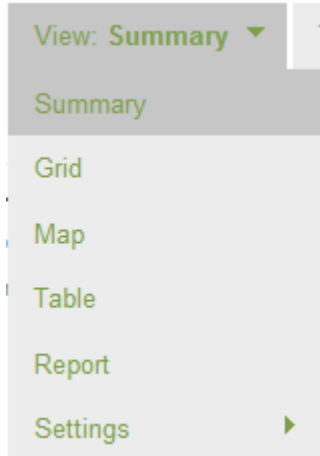
## Working with Views


Once your index is created, you can view the items in the index in various ways, allowing you to visualize your information in the most appropriate way. Views are used to display the data in a layout of your choice ([Summary View](#), [Grid View](#), [Overview Map](#), [Table View](#), or [Report View](#)), with a configurable set of fields displayed and providing a useful set of filters for further refining your queries.



## Display Options

The View tab enables a user to determine how they want the data to be displayed. There are five view options: Summary, Grid, Map, Table and Report.











The screenshot shows the Voyager GIS web interface. The 'View' dropdown menu is open, and a blue arrow points to the 'View: Summary' option. The interface includes a search bar, navigation links (Home, Explore), and a map area displaying a zoning map. The file name 'water\_transmission\_mains.shp' is visible at the bottom of the map area.

**Watch Video Online**  
<http://voyagergis.com/doc/current/Display Options>



## Summary View

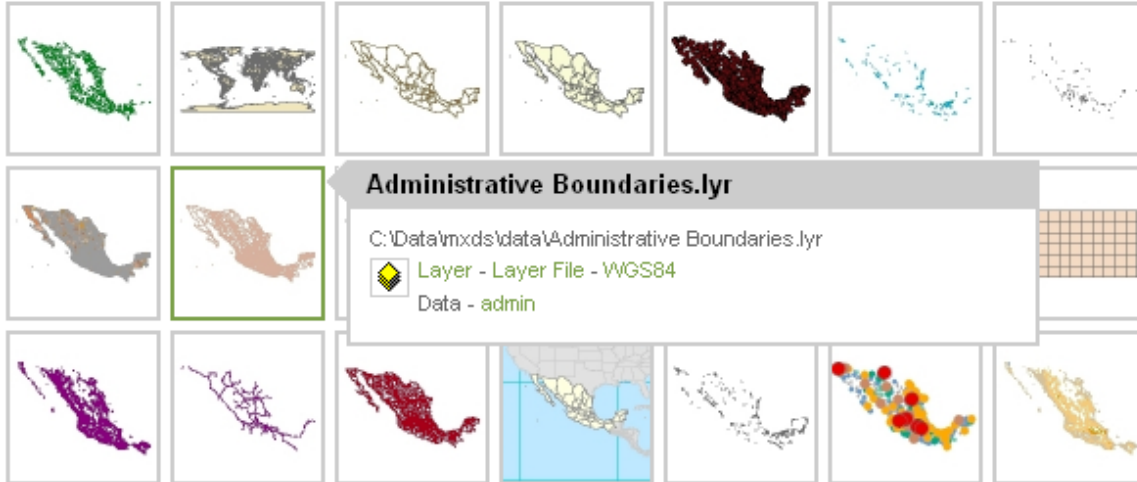
The summary view displays a few pieces of information about each item, along with the thumbnail for the item.

	<p><b>State Boundaries.lyr</b> C:\Data\mxds\data\State Boundaries.lyr</p> <p> Layer - Layer File - WGS84</p> <p>Data - states</p>
	<p><b>states.sdc</b> C:\Data\mxds\data\states.sdc</p> <p> Feature Class - SDC Feature Dataset - WGS84</p> <p>Theme - polygon - states - area - coastlines - boundaries</p> <p>Place - Mexico</p> <p>Abstract - Mexico States represents the states of Mexico with coastlines, international boundaries, and state boundaries.</p>
	<p><b>city.sdc</b> C:\Data\mxds\data\city.sdc</p> <p> Feature Class - SDC Feature Dataset - WGS84</p> <p>Theme - point - cities - population - location</p> <p>Place - Mexico</p> <p>Abstract - Mexico Cities represents the locations of cities in Mexico.</p>

To configure which fields are displayed, see [Configure Display](#)

## Grid View







The grid view displays each item as a thumbnail only. When you hover over a thumbnail, more information about that item is displayed.

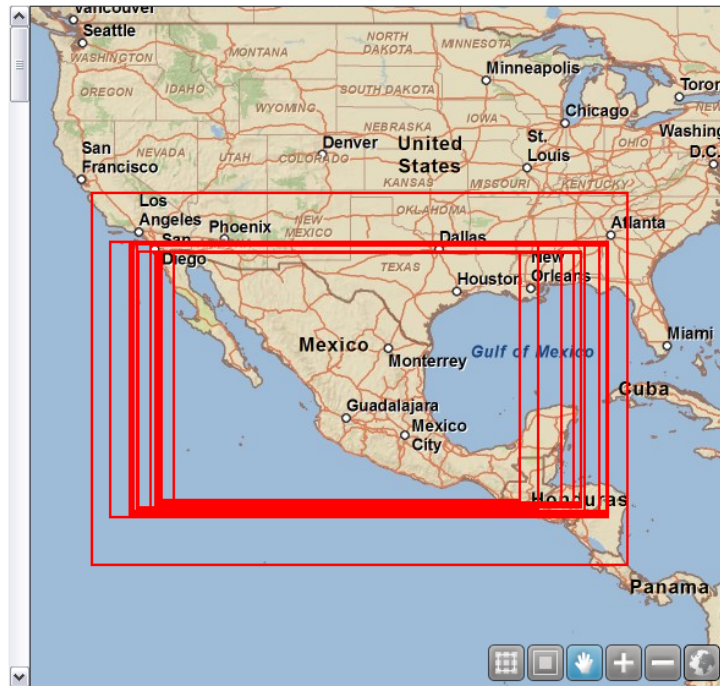


## Map View

The map view displays the relationship between the data and where it lies spatially.

### Explore

	<b>hydro_1.sdc</b> C:\Data\mxds\data\hydro_1.sdc
	<b>admin-Copy.sdc</b> C:\Data\mxds\background\admin-Copy.sdc
	<b>State Boundaries.lyr</b> C:\Data\mxds\data\State Boundaries.lyr
	<b>states.sdc</b> C:\Data\mxds\data\states.sdc
	<b>city.sdc</b> C:\Data\mxds\data\city.sdc
	<b>Water Bodies.lyr</b> C:\Data\mxds\data\Water Bodies.lyr



## Table View

The table view displays results as a list. This is useful for comparing results based on a property, such as the size of the item in Bytes or the time it took to index the item.

Name	Bytes	Time To Read	Time To Index
 hydro_l.sdc	1.7 MB	0:00:00.109	0:00:00.250
 admin-Copy.sdc	2 MB	0:00:00.219	0:00:00.234
 State Boundaries.lyr	11 KB	0:00:00.032	0:00:00.032
 states.sdc	1.7 MB	0:00:00.125	0:00:00.141
 city.sdc	121 KB	0:00:00.109	0:00:00.125
 Water Bodies.lyr	12 KB	0:00:00.031	0:00:00.031
 urban.sdc	245 KB	0:00:00.110	0:00:00.125
 Admin Areas (Municipios).lyr	15 KB	0:00:00.031	0:00:00.031
 Administrative Boundaries.lyr	13 KB	0:00:00.031	0:00:00.031
 admin.sdc	4.5 MB	0:00:00.094	0:00:00.109
 State Areas.lyr	13 KB	0:00:00.046	0:00:00.046
 Railroads.lyr	10 KB	0:00:00.032	0:00:00.032
 Urban Areas.lyr	15 KB	0:00:00.031	0:00:00.031
 world30.sdc	20 KB	0:00:00.079	0:00:00.079
 contours.sdc	3.2 MB	0:00:00.078	0:00:00.094
 rails.sdc	327 KB	0:00:00.094	0:00:00.109
 roads.sdc	2.3 MB	0:00:00.250	0:00:00.250

To configure which fields shown in the table, see [Configure Table](#)



Tip: When displaying results in the Table View a user has the ability to export the result list in CSV, SHP or XML. This option is offered at the bottom of the page.

### Export Result List

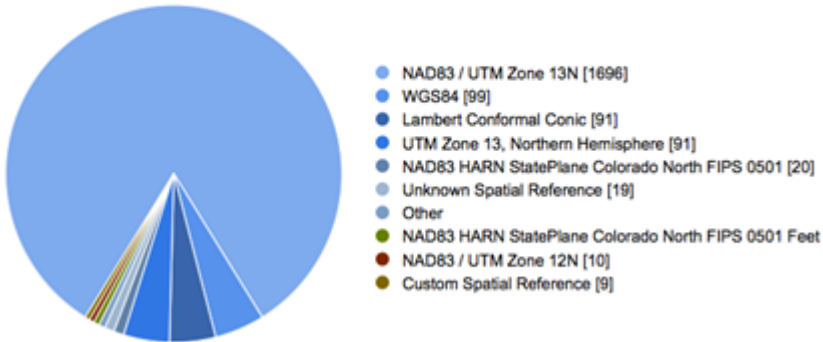
CSV  Zipped  
Export Cancel

Alternatively use the [Export Results List](#) tool.

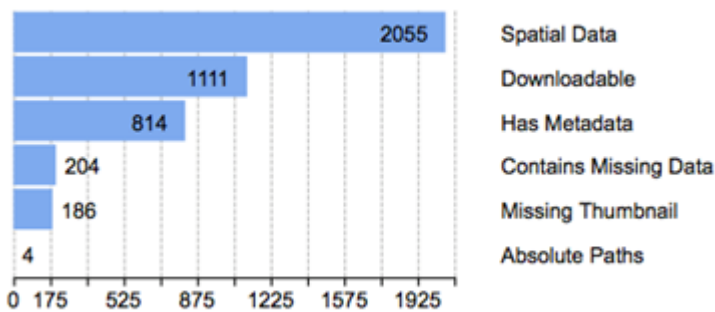
## Report View

The report view that generates graphs based on the configurable set of filters used to narrow search results. Graphs include pie and bar charts, are interactive and will work in any web browser (without the need for special plug-ins such as Flash or Silverlight).

### Spatial Reference



### Properties



To configure the charts and graphs, see [Configure Reports](#)

## View Configuration

Views are fully configurable, allowing you to change the filters, reports, sort, display, and table options. Any user with the "configure\_views" permission can create custom views.

### Configure Filters

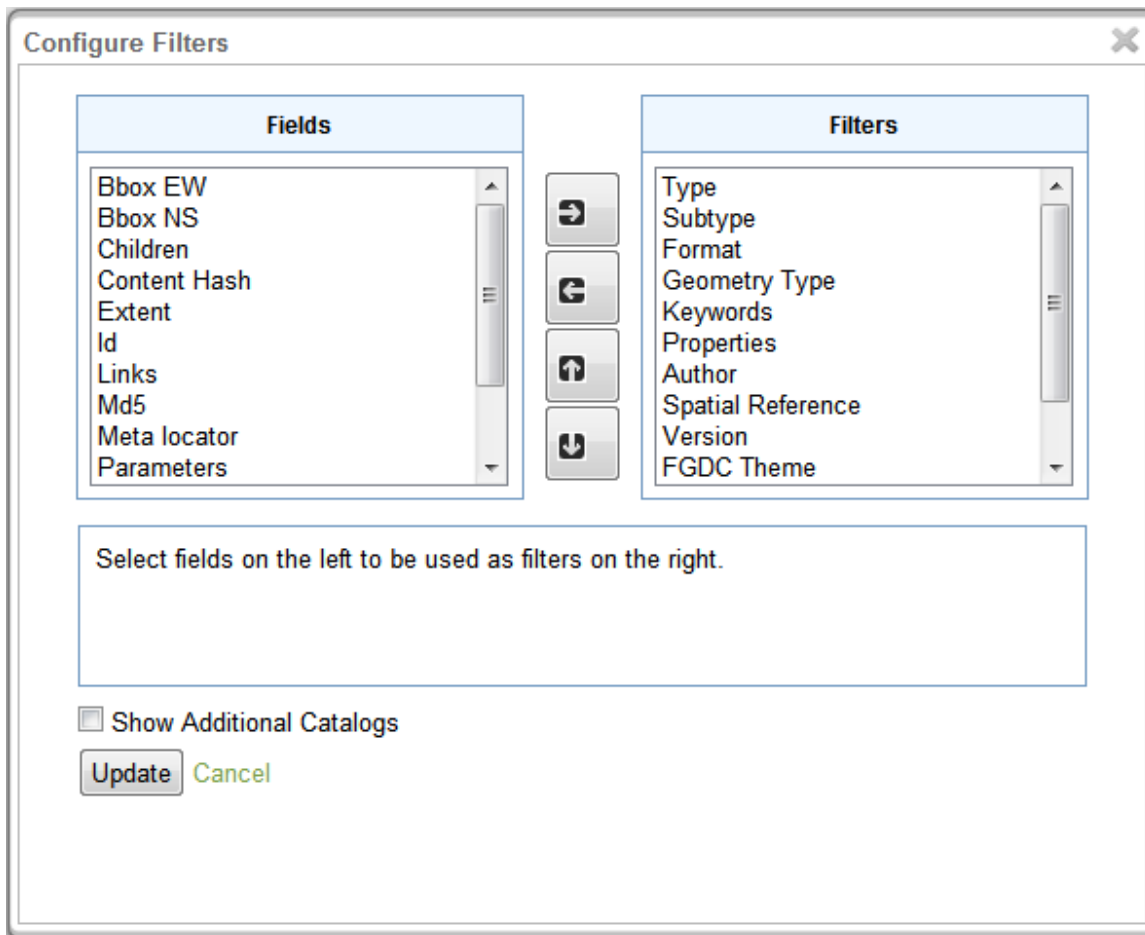
This option allows the user to select fields that will be used to filter query results. The filters are used to show a subset of the data, giving the user a better idea of the types of data in the index and to narrow down exactly what they may be searching for.

Additional filters can be added from the set of Fields on the left, or filters can be removed from the active Filters list by using the left/right arrow buttons in the middle of the window to move things into and out of the list. The display order the filters can also be changed using the up/down arrow buttons.

Default fields: type, subtype, format, geometry type, keywords, properties, author, spatial reference, version, theme, file extension and location.



**Watch Video Online**  
<http://voyagergis.com/doc/current/Configure Filters>



### Checkbox Style

This filter style uses check boxes to select from multiple values at the same time. It effectively acts as an "AND" filter.

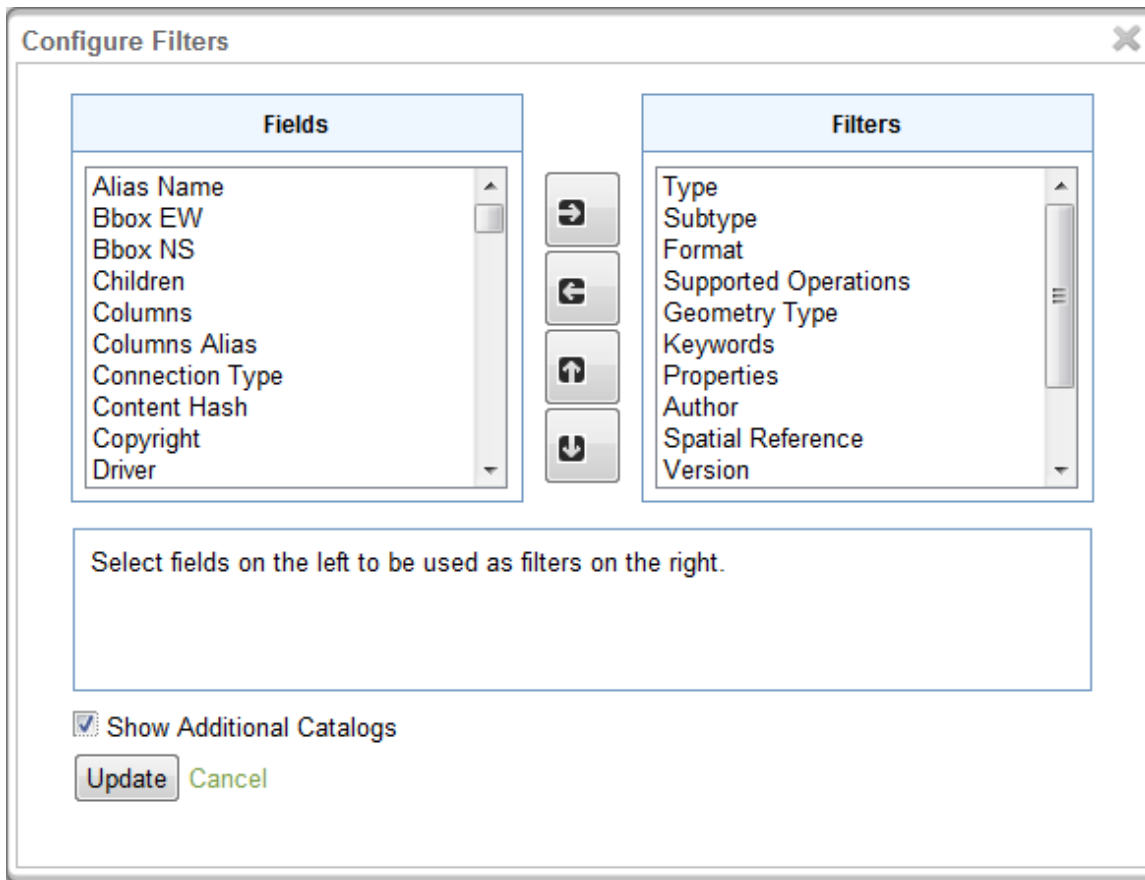
### Select Style


This is the default filter style – it shows each of the available options and allows you to click on a single value to refine your search. Note that once a value is selected the filter will be applied and other filterable values will no longer be available. This effectively acts as an 'OR' type of query.

### Show Additional Catalogs

To view data from both local and remote catalogs, select the Show Additional Catalogs option.





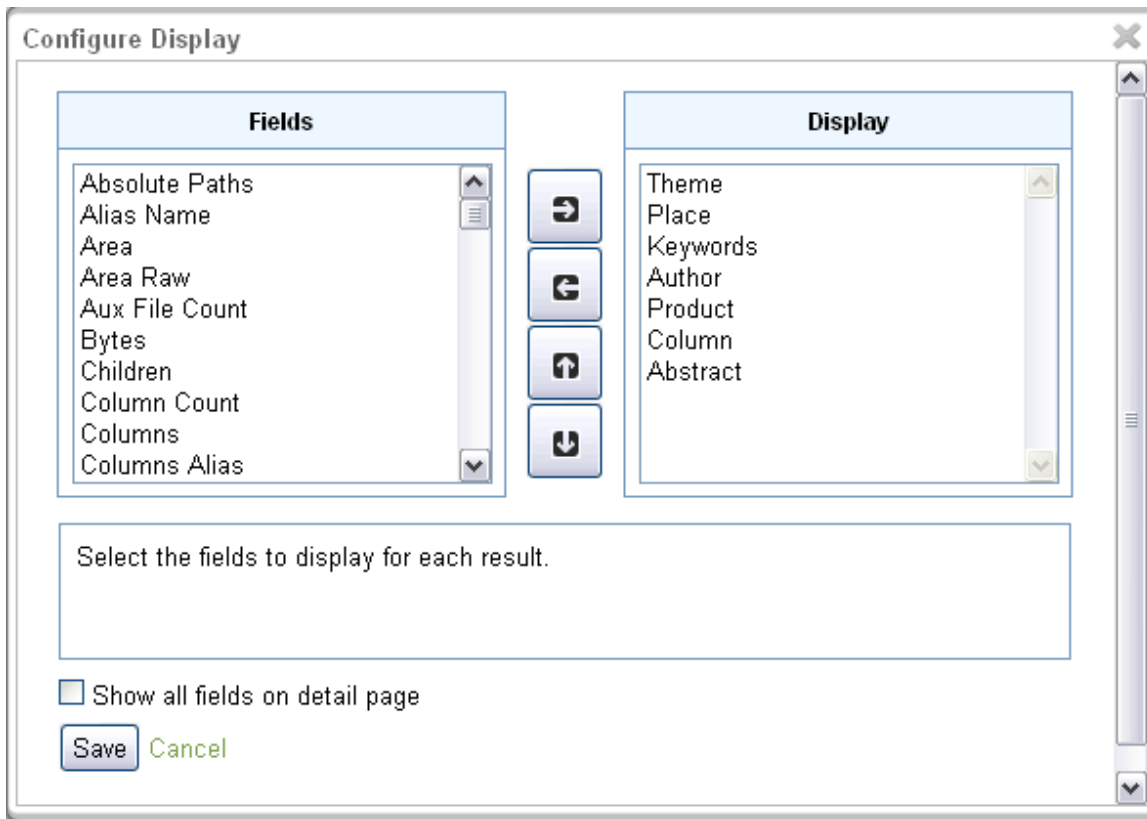
 Remote catalogs must have been previously configured by the administrator. See [Federated Catalog Search](#)

## Configure Display

This option allows the user to select which fields will be displayed for each result. The items chosen here will all be displayed in the Detail Page for the item, but some will also be visible in the Summary View, when hovering in Grid View, and in Map View.

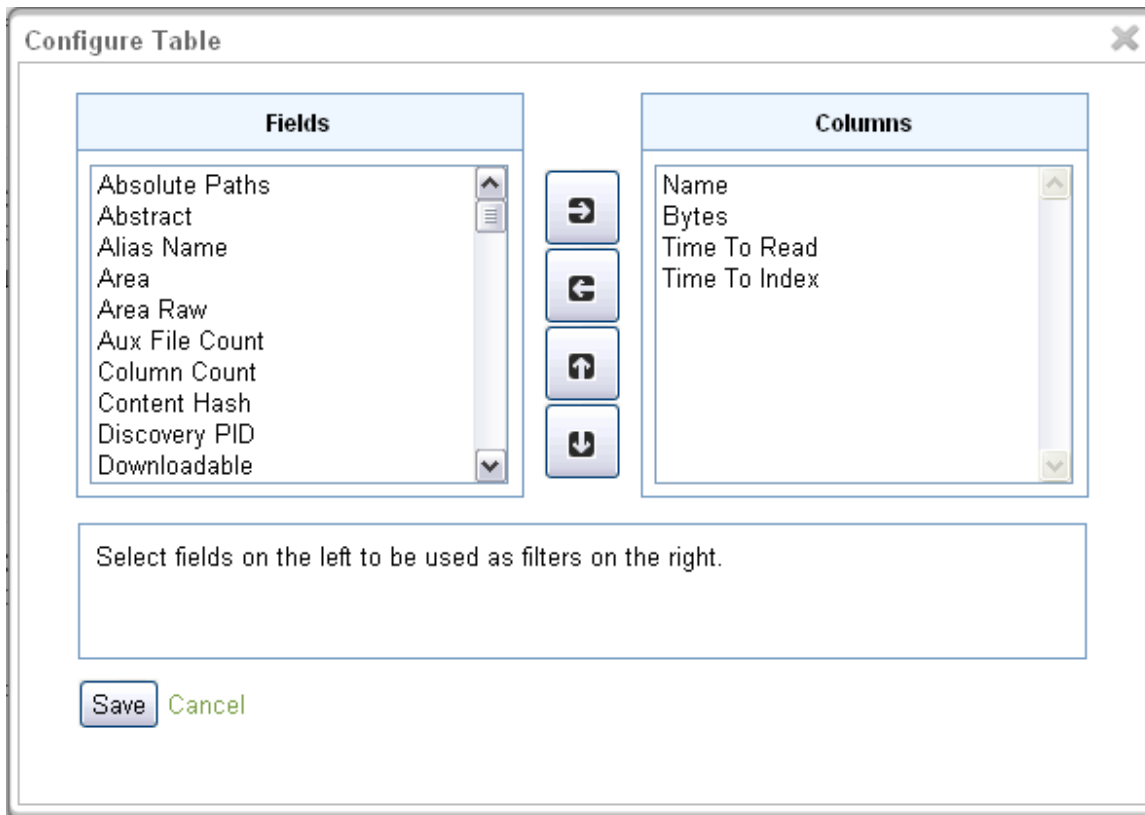
You can add or remove display fields, or change their display order using the arrow buttons in the middle of the window.

Default fields: theme, place, keywords, author, product, column and abstract.



## Configure Table

This option allows a user to choose which columns will be displayed in the Table View. You can add or remove display fields, or change their display order using the arrow buttons in the middle of the window.



## Configure Reports

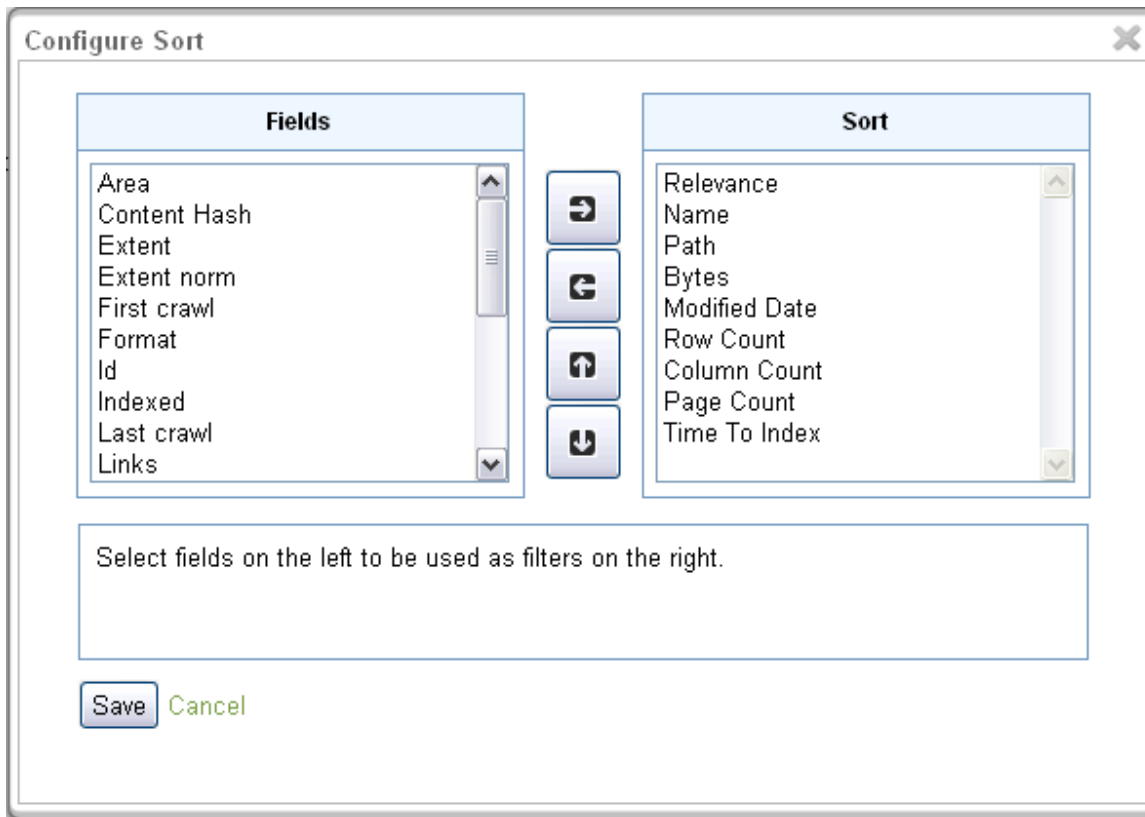
The reporting view displays a graph for each of the fields used to filter query results (as seen on the right side of the Voyager interface). To hide or remove a report the appropriate field can be added or removed from the list of filters.

## Configure Sort

This option allows a user to choose which fields are available for sorting query results.

You can add or remove display fields, or change their display order using the arrow buttons in the middle of the window.

Default fields: relevance, name, path, bytes, modified date, row count, column count, page count, time to index.

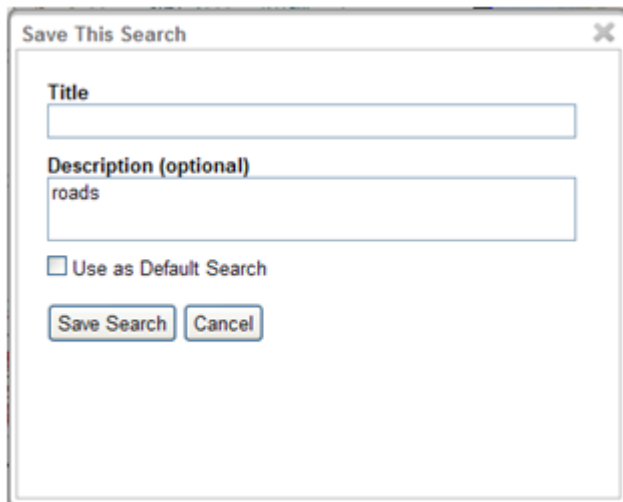


## Saved Searches

After configuring searches, it is good to save them, so you can use them in the future.

This tool allows a user to save their search results, name the search, give it a description and come back to that data at a later time or use it as the default search.

**Watch Video Online**  
<http://voyagergis.com/doc/current/Saved Searches>



For a complete list of your Saved Searches, go to the Saved Searches page from the [Home](#) menu.



## Saved Searches

---

### Raster Properties

List of raster images with assorted properties.

### Datasets with an unknown spatial reference

Items with with an unknown spatial reference. Use filters to explore and the table vie

### Items with Broken Data

Map layers with broken datasources

### Largest Files

Datasets with the largest file size.

### Duplicate data

Use filters to examine items with similar schema but which might have different data

## Default Search Configuration

A default search can be configured and saved, so all users will see the same filters, display fields, table layout, and default view. To create a default search, [configure](#) the options to be used as default. Once everything is configured correctly, go to the "Tools" menu and select "Save This Search...". Enter a Title and Description for the search and select the "Use As Default Search" option.

**Save This Search** [X]

**Title**  
Default Search

**Description (Optional)**  
disp = "16826bb3"

Use As Default Search

Save Cancel

To set the default search to a Saved Search that was previously configured, go to the [Saved Searches](#) page and on the "Options" menu select "Show Edit Options". Edit any of the existing Saved Searches and select the "Use As Default Search" option.

Home Options

Show Edit Options

**Saved Searches**

**Raster Properties**  
List of raster images with assorted properties.






**Datasets with an unknown spatial reference**  
Items with an unknown spatial reference. Use filters to explore and the table view to export the items to a list.

**Items with Broken Data**  
Map layers with broken datasources

## Processing

This tool allows a user to run the results of a search through a task or process, for example: [Clip and Ship](#), [Convert to KML](#), [Create Default Metadata](#), [Mosaic](#), etc. The user decides whether to run their process on the desktop or a server.

- If the option to *Process Results on Server* is chosen, the processing happens on the server and the user can download the results when it is finished.
- If the option to *Process Results on Desktop* is selected, the processing happens on the user's desktop machine and the results are accessible directly.

- Voyager**
- 
-  **Clip and Ship**  
Extract a region of the results into a distributable bundle
  -  **Convert to KML**  
Convert item to KML
  -  **Create Default Metadata**  
Create default metadata for items
  -  **Copy Data**  
Copies data from one location to another
  -  **Mosaic**  
Combine all imagery into a single raster


## Server vs Desktop

The same processes can run locally on the desktop or remotely on the server. The desktop option is only enabled if Voyager Desktop is installed on the client machine. The server option is only enabled if the license level is Workgroup or higher.

If a process is run on the desktop, the output is accessible directly from the local machine via the "open" link under "Output".


Home ▾ Processing » On Desktop » Process

---




### Clip and Ship

---




**Message: Completed**  
 Duration: 0:00:11  
 Started: 4:42 PM  
 Finished: 4:42 PM

[Show Process Log](#)



### Parameters

- Query: /id=65589199670e12b0/
- -37.96875 -43.59375 68.90625 47.81250
- E:\voyager\voyager6289\_123\data\temp\desktop\wt0jmix1crq




### Output

- [\[open\]](#)


If a process is run on the server, the output is added to a zip file that can be downloaded via the "download" link under "Output".

Home ▾ Processing » On Server » Process


---

 **Clip and Ship**


---

 Message: Completed  
Duration: 0:00:07  
Started: 4:49 PM  
Finished: 4:49 PM

[Show Process Log \(raw\)](#)

 **Parameters**

- [Query: /id=65589199670e12b0/](#)
- [-22.50000 -35.15625 66.09375 45.00000](#)

 **Output**

- [\[download\]](#)



To run geoprocessing processes on the Server, an ArcGIS Server license must be available.

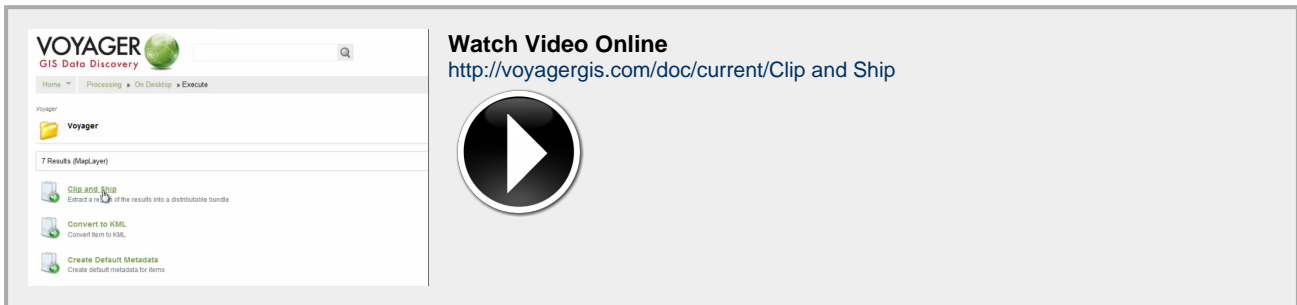


## Standard Processes

Voyager delivers useful processing tools 'out-of-the-box' however, the framework is designed to be extendable to your specific needs. For more information, see developer guide [Custom Processes](#)

## Clip and Ship

Clip and Ship gives a user the ability to extract a region of the results into a distributable bundle. Select the region to clip, browse for an output location and click Execute.



The screenshot shows the Voyager GIS Data Discovery web interface. On the left, a sidebar lists several processes: 'Clip and Ship' (Extract a region of the results into a distributable bundle), 'Convert to KML' (Convert item to KML), and 'Create Default Metadata' (Create default metadata for items). On the right, there is a 'Watch Video Online' section with a play button icon and a URL: <http://voyagergis.com/doc/current/Clip and Ship>.



### Clip and Ship

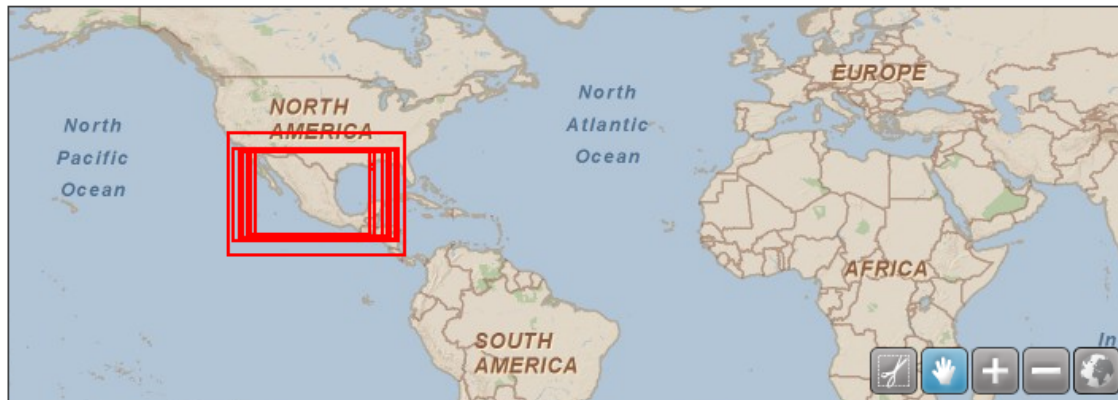
Extract a region of the results into a distributable bundle

78 Results

SDE (1), LYR (15), MXD (3), CIB5 (1), SDC (12)

### Clip Region

Select a clip region



-180.00000 -90.00000 180.01001 90.01000

### Output Location

Where the output should go...

C:\voyager\voyager5031\_v12\data\temp\des

3.4 GB free / 119.1 GB total (3%)

Clip and Ship

## Convert to KML

This gives the user the ability to convert a search result to KML. Select a region to clip, browse an output location and click Execute.



78 Results  
SDE (1), LYR (15), MXD (3), CIB5 (1), SDC (12)

### Clip Region

Select a clip region



### Output Location

Where the output should go...

● 3.4 GB free / 119.1 GB total (3%)

Convert to KML

## Create GeoPDF

Create GeoPDF gives a user the ability to create a GeoPDF containing a layer for each of the results. Select the region to clip, browse for an output location, choose a name for the new PDF and click Execute.



### Create GeoPDF

Create a GeoPDF

Mexico Map.lyr, 36 KB (LYR)

### Clip Region

Select a clip region



-106.34265 13.01281 -92.98328 26.02062

### Output Location

Where the output should go...

E:\voyager\voyager6289\_123\data\temp\des

 724.7 GB free / 923.4 GB total (78%)

### GeoPDF Name

Name of new GeoPDF

Mexico

**Execute**

Create GeoPDF

## Create Default Metadata

This process allows a user to create default metadata for data that does not currently have any metadata associated with it.



### Create Default Metadata

Create default metadata for items

78 Results  
SDE (1), LYR (15), MXD (3), CIB5 (1), SDC (12)

Execute

Create Default Metadata

## Create Raster Mosaic

Create Raster Mosaic allows a user to create a mosaic dataset from raster datasets in the index. Browse for an output location and click Execute.



### Create Raster Mosaic


Combine all search results into a single Raster Mosaic

4 Results, 73 KB (DTED)

#### Output Location

Where the output should go...

E:\voyager\voyager6289\_123\data\temp\des

 724.7 GB free / 923.4 GB total (78%)

Execute

Create Raster Mosaic

## Copy Data

This process allows a user to copy data from one location to another.



## Copy Data

Copies data from one location to another

---

78 Results

SDE (1), LYR (15), MXD (3), CIB5 (1), SDC (12)

---

### Output Location

Where the output should go...

 3.4 GB free / 119.1 GB total (3%)

Copy Data

# Mosaic

This process allows a user to combine imagery into a single raster.



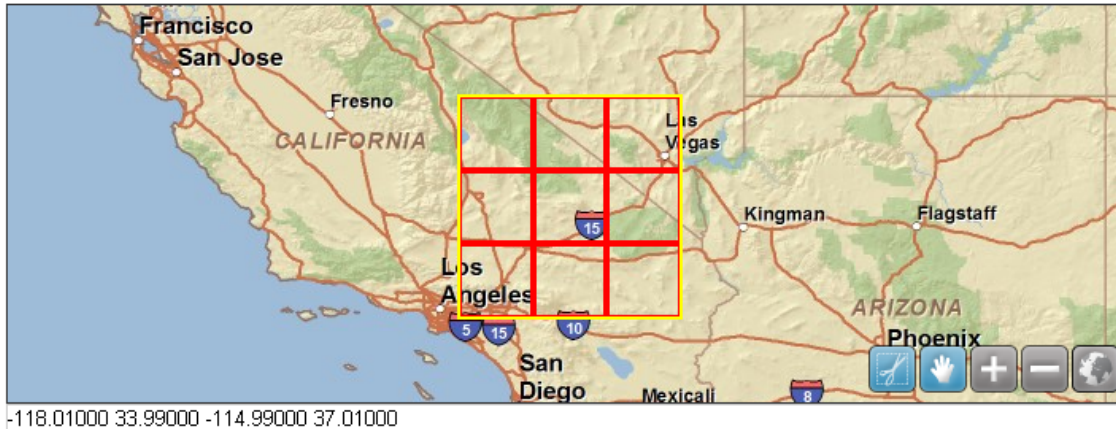
## Mosaic

Combine all Imagery into a single raster

9 Results, 300 KB (DTED)

### Clip Region

Select a clip region



### Output Location

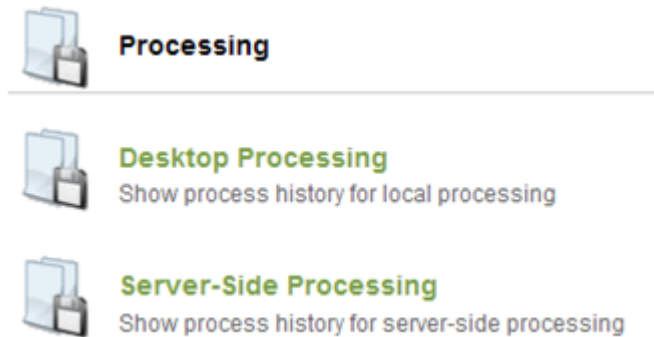
Where the output should go...

● 3.4 GB free / 119.1 GB total (3%)

Mosaic

## Process History

The Process History Page displays two links to previously run [Processes](#) on either the Desktop or Server.



## ArcMap Toolbar

The Voyager ArcMap Toolbar provides seamless integration with ArcGIS Desktop. It allows you to search the Voyager index using text and spatial queries as well as drag-and-drop search results from Voyager Desktop into ArcMap.

The toolbar comes bundled with Voyager Desktop. It is an option that can be installed at the end of the installation process. See the [Voyager Tools Installer](#) section for more details.

ArcMap integrations works on ArcGIS 9.2, 9.3, 9.3.1, and ArcGIS 10.

The toolbar can be found in the list of ArcMap toolbars under "Voyager". Enabling it will allow the user to search the Voyager index by entering a text-based search, like "cities" or "roads", into the Voyager Toolbar textbox, or perform a spatial search by drawing an extent in ArcMap using one of the Voyager Search tools: Search Using Intersection or Search Within. Results of any query from the Voyager ArcMap Toolbar are displayed in the Voyager window. You can also launch Voyager manually using the Launch Voyager button.



## Drag to ArcMap

Search results found in Voyager can be added directly into ArcMap by simply dragging the item's thumbnail into ArcMap. The item can be placed at a specific location in the ArcMap Table of Contents by dragging the item over the TOC until the correct location is found, and then dropping it. The combination of easily finding data using Voyager directly or via the ArcMap Toolbar, then creating your map using the drag-and-drop feature will allow users to create maps faster than ever.

## Search From ArcMap

Draw box in ArcMap and get results in Voyager.

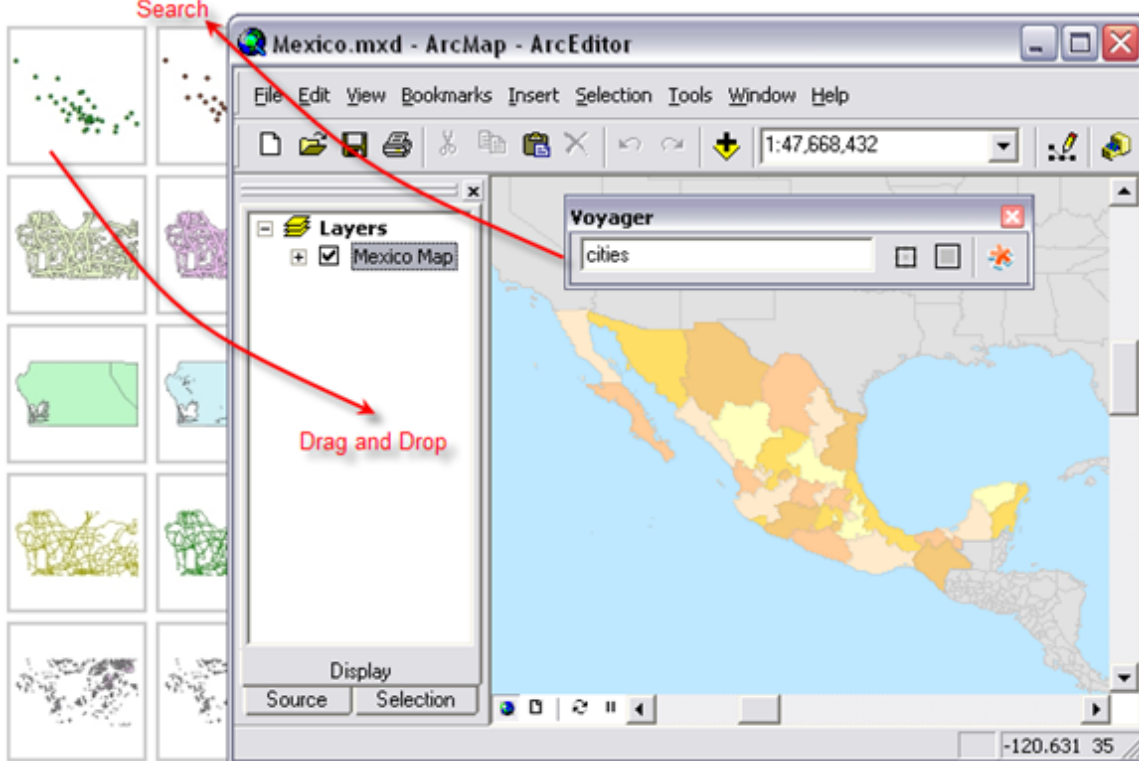


cities



Home Sort: Relevance View: Grid Tools

Search cities WITHIN [-118.389 10.459 -80.068 33.838]



## Working with Lists

Lists hold search results that can be used at a later time, much like a shopping cart in an online store.

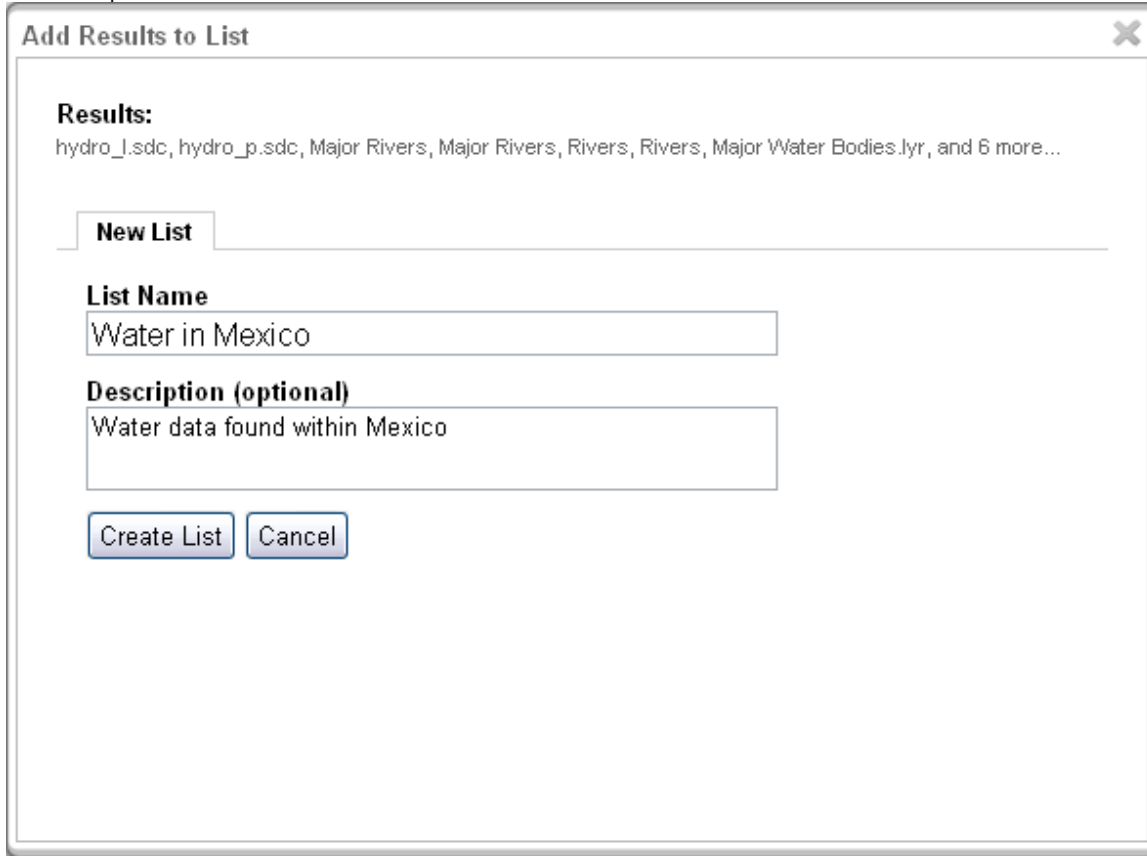
**Watch Video Online**  
<http://voyagergis.com/doc/current/Working with Lists>

## Add Results to List

This tool gives a user the option of either adding their data search results to an existing list or creating a new list. Lists are useful when you are building up a set of data that you want to do something with later on (much like adding things to a shopping cart). Once a list has been created, all the results in that list can be run through one of the processes, opened in ArcMap, exported to a CSV file, etc.



New List Option - Items can be added to a new list:



**Add Results to List** ✕

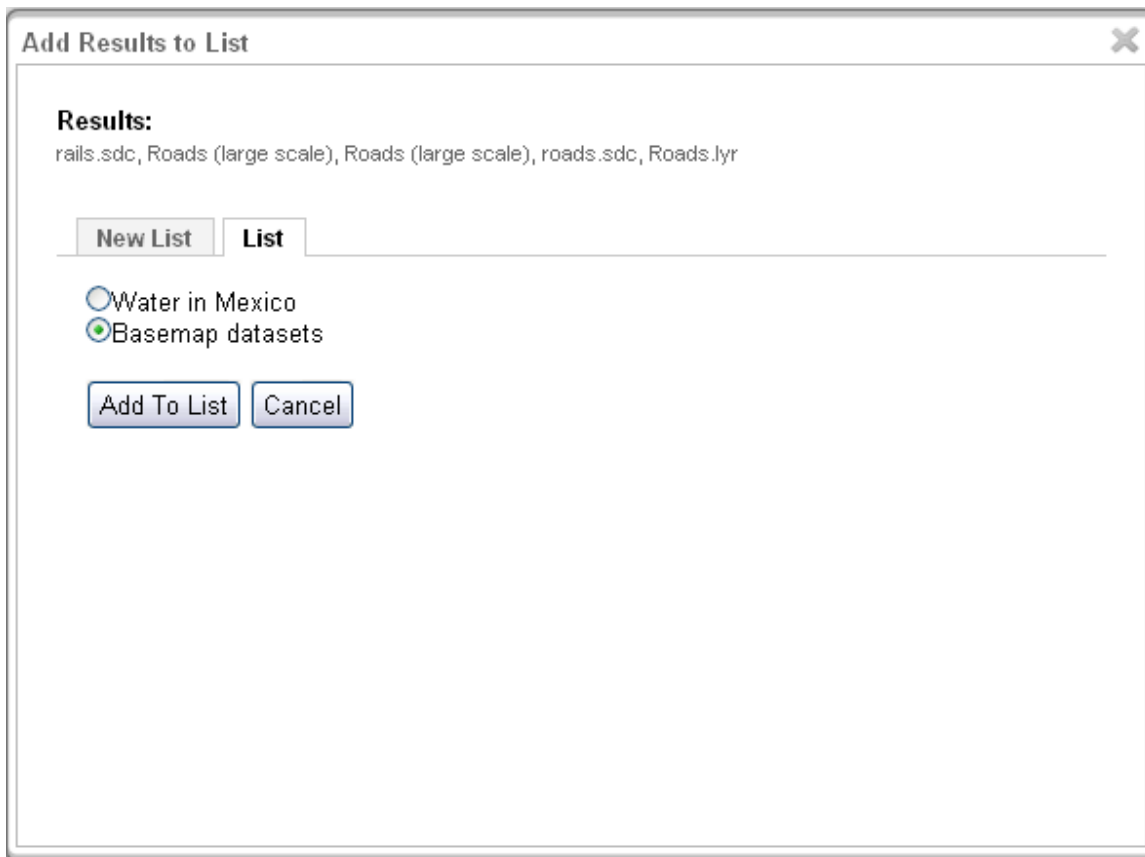
**Results:**  
hydro\_l.sdc, hydro\_p.sdc, Major Rivers, Major Rivers, Rivers, Rivers, Major Water Bodies.lyr, and 6 more...

**New List**

**List Name**  
Water in Mexico

**Description (optional)**  
Water data found within Mexico

Existing List Option - Items can be added to an existing list:



## Export Results List

This tool allows the user to export the list of results to different formats, including: CSV, XML, or even to a Shapefile. The fields that will be exported to the list is configurable. A few default fields have been set: id, name, path, and format. The user can choose other fields that make sense, or remove any of the default fields using the left/right arrow buttons in the middle of the dialog. The order of the fields can also be changed using the up/down arrow buttons. The user also has the option of adding the output to a zip file when it is complete.

**Watch Video Online**  
<http://voyagergis.com/doc/current/Export Results List>

