



ARIS Geodata Browser for ArcMap User's Manual

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ARIS B.V.
<http://www.aris.nl/>

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1. Introduction

The ARIS Geodata Browser is a tool for ArcMap to add data from a dockable window. This tool can be used as a replacement or in addition to the default ArcMap "Add Data" button. The advantage of the ARIS Geodata Browser is that it is much faster than the default "Add Data" button in ArcMap.

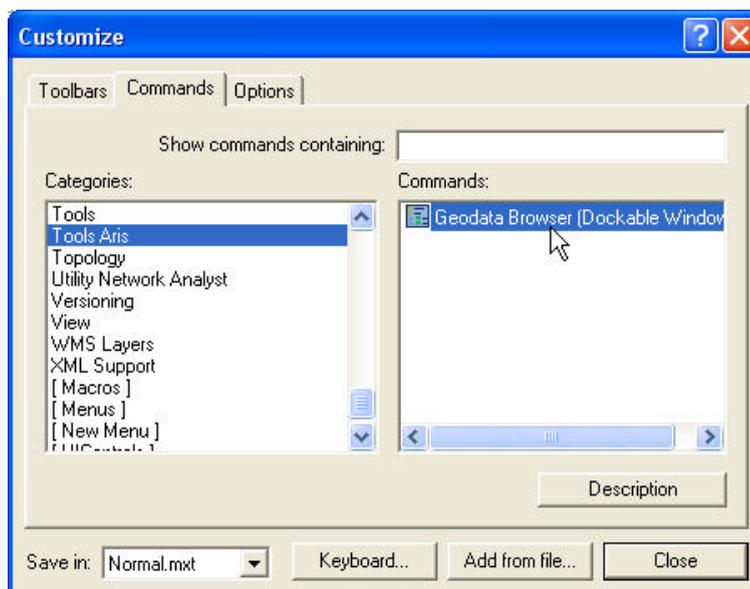
With the ARIS Geodata Browser a fast explorer-like search is performed. It's possible to browse for specific datatypes like Shapefiles, ArcMap layer files, CAD datasets (dxf, dwg, dgn), Coverages, ESRI Grids, Images (jpeg, bmp, tiff, gif, ...), Personal Geodatabases, TINs and PC Arc/Info coverages. The dockable window can stay visible while working in ArcMap. Adding data is easy by using the "Add to map" context-menu option or by double clicking the dataset.

ARIS Geodata Browser can be used with ArcMap version 9.2.

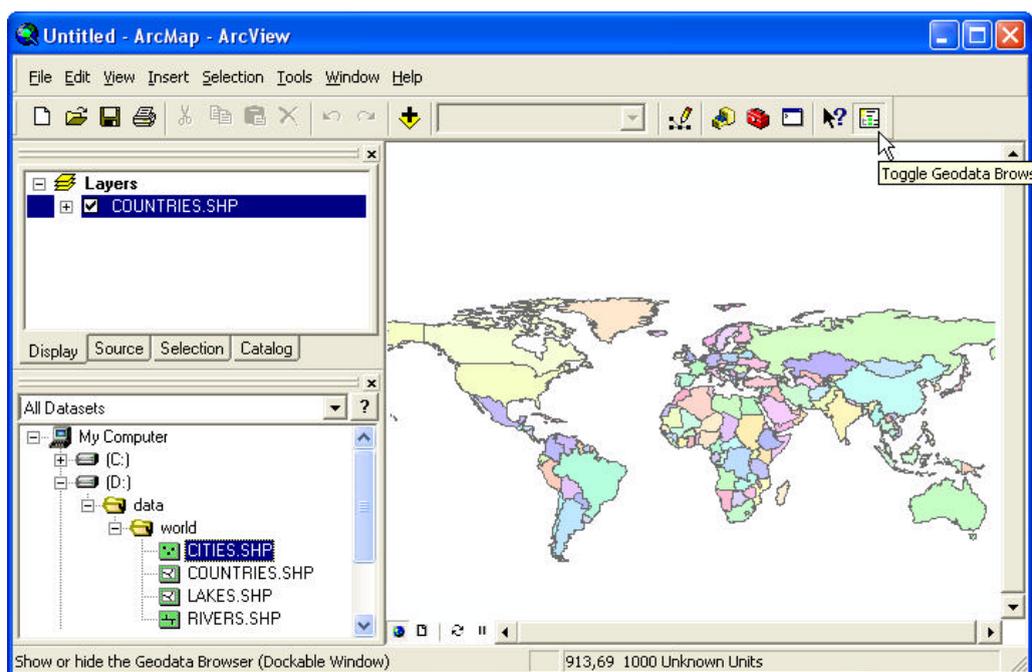
2. Installation

Installation of the ARIS Geodata Browser for ArcMap is accomplished by the following steps:

1. Execute the automatic installer, arisgdockwin.exe. You need to be logged in as a user with administrator privileges to run the installer;
2. In ArcMap, from the *Tools* menu choose *Customize...*, click the *Commands* tab, click the category "Tools ARIS" and select the command "Geodata Browser";



3. Drag the command to add to any location on a target toolbar in ArcMap and drop it. Close the *Customize* dialog box;
4. Click the new "Show or hide the Geodata Browser Dockable Window" button to open/close the ARIS Geodata Browser Dockable Window



3. Registration

The distributed version of the ARIS Geodata Browser is a fully functional trial version. This means it can be used for evaluation purposes for 5 days. After this period, the Geodata Browser will be locked until a valid licence key is entered.

While in evaluation mode, each time you add a geodataset to the map, a reminder message will be shown.

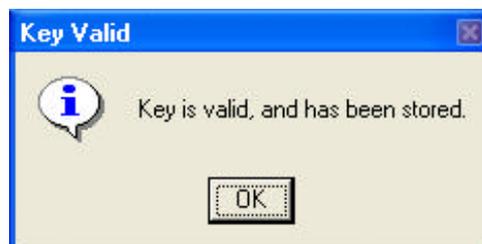


Pressing the *Buy Now!* button will take you to our online store, where you can order this product. Note that you will need the hardware fingerprint of the computer where you want to install the tool, shown in the dialog below (appears when you press *Enter Key*). After you complete your purchase, a personal registration key will be sent to you by email. Please store this key in a safe place.

Pressing the *Enter Key* button will present you with the following dialog, where you must enter your name and the registration key.



Once you have entered a valid registration key, press *OK*. This key will be stored on your pc. The reminder message will not be shown again.



4. Version History

4.1 Version 1.0

Version 1.0 is the first release of ARIS Geodata Browser for ArcMap.

4.2 Version 2.0

Version 2.0 of the ARIS Geodata Browser for ArcMap is compatible for ArcGIS 9.0 and 9.1.

4.3 Version 2.1

ArcGIS 9.2 compatibility

- Version 2.1 of the ARIS Geodata Browser for ArcMap is compatible for ArcGIS 9.2.

Additional functionality

- File Geodatabase format is supported.
- Spatial database connection format is (partially) supported.

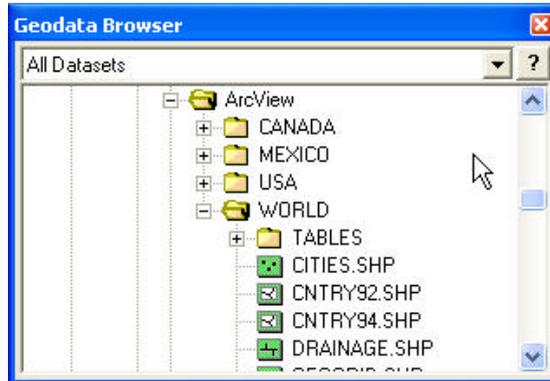
Restrictions

- Only database connections with 'Operating system authentication' are supported. Spatial database connections made in ArcCatalog that use 'Database authentication' cannot be browsed by the ARIS Geodata Browser.

5. Using the ARIS Geodata Browser

5.1 Show/hide the Geodata Browser

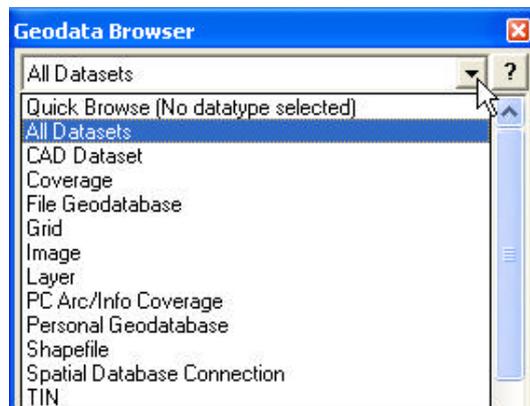
Click the "Show or hide the Geodata Browser Dockable Window" button  to show or hide the ARIS Geodata Browser Dockable Window.



This dockable window can be resized, and moved to any location inside or outside the ArcMap window. The state of the treeview (expanding of folders) is saved when closing the dockable window within one ArcMap session.

5.2 Browse datasets

The Geodata Browser shows a list of specific datatypes as a pulldown-menu:



Quick Browse (No datatype selected)

This option provides a way to browse folders on a file system very fast. With this option, it is not possible to browse geodatasets itself or add geodatasets to the map. Database connections cannot be browsed with this option.

All Datasets

Browse for all available datatypes.

Other datasets

It is possible to browse for the following datatypes:

CAD Dataset	The representation of a CAD file. Supported formats are DWG (AutoCAD), DXF (AutoDesk Drawing Exchange Format), and DGN (the default Microstation file format)
Coverage	An ArcInfo coverage is a georelational data model that stores vector data—it contains both the spatial (location) and attribute (descriptive) data for geographic features.
File Geodatabase	A geodatabase stored as a folder of files.
Grid	An ESRI data format for storing raster data that defines geographic space as an array of equally sized square cells arranged in rows and columns.
Image	All image types supported by ArcGIS, like ASCII Grid (*.asc), BMP, GIF, JPEG, PNG and TIFF. For more information about supported image formats, see the “Supported raster dataset file formats” section in the ArcGIS Desktop Help.
Layer	A file with a .lyr extension that stores the path to a source dataset and other layer properties, including symbology.
PC Arc/Info Coverage	PC ARC/INFO coverage format
Personal Geodatabase	A database that stores spatial data in a Microsoft Access .mdb file.
Shapefile	A vector data storage format for storing the location, shape, and attributes of geographic features. A shapefile is stored in a set of related files and contains one feature class. ARIS Geodata Browser shows the *.shp files.
Spatial Database Connection	An existing connection to an ArcSDE spatial database. Use ‘Add Spatial Database Connection’ in ArcCatalog to create a connection.
TIN	A dataset containing a triangulated irregular network (TIN).

5.3 Adding data

While browsing with the Geodata Browser, there are two ways to add geodata to the map:

- the most efficient way is to **double-click** on a dataset in the Geodata Browser;
- the other way is to use the context menu of the Geodata Browser. When right-clicking on a geodataset, the context menu is opened. The option *Add to map* can be used to add the selected dataset to the map.



5.4 Help

To show this document on the screen, press the button .

5.5 Restrictions

Only spatial database connections that have already been defined in ArcCatalog can be browsed with the ARIS Geodata Browser. Authentication of these connections must be handled through the operating system. Connections that use 'database authentication' cannot be browsed by the ARIS Geodata Browser.

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