



Title | ***GeoGraphix® 2019.4 Utilities***

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The Discovery Utility files contain product documentation, and useful items that are not part of any **GeoGraphix** setup procedure, but are convenient to facilitate various workflows.

The Utilities folder contains following sub-folders:

- ArcGIS Configuration Tool
- Extras
- PRIZM Chart Utility
- PRIZM External Model Dev Kit
- SVSEGYTV

ArcGIS Configuration Tool

This folder contains the **ArcGISConfigurationTool.exe** file which is a command line utility and is used to automatically configure GeoGraphix with the installed ArcGIS Runtime. The IT Support personnel can program this utility easily with any deployment/scripting tool such as **Microsoft System Center Configuration Manager (SCCM)**. An IT administrator can then run this utility to remotely configure ArcGIS Runtime on all network machines that have GeoGraphix installed.

The utility is available in **Utilities** folder shipped with GeoGraphix, and alternatively as **ArcGISConfigurationTool.exe** at *C:\Program Files (x86)\GeoGraphix\Tools* (this is the default path of this utility after GeoGraphix installation).

Using the ArcGIS Configuration Tool

To run the ArcGIS Runtime Configuration Tool:

Open **Command Prompt** as an administrator, enter the path for utility, file name **ArcGISConfigurationTool.exe**, and then press **Enter**. Pass the **--help** argument to view parameters available for this utility.

The following parameters are available for this utility:

Command- Line Parameter	Description
-l, --list	Displays a list of the supported ESRI ArcGIS versions.
-o, --log	Stores the output in a Log file in the current directory or at the specified path.
-c, --configure	Configures the installed ESRI ArcGIS Runtime with GeoGraphix.
--help	Displays help screen with a list of parameters for the utility.
--version	Displays the version of utility.

The following are some basic examples:

<i>ArcGISConfigurationTool.exe -c</i>	Configures the installed ArcGIS without creating a log file.
<i>ArcGISConfigurationTool.exe -c -o "D:\ArcGISRun"</i>	Configures the installed ArcGIS and creates the log file at the specified location.

Extras

The Extras folder further contains the following Utilities folders.

1. Coalbed Methane
2. GES97 Report Format
3. Lithology Patterns
4. Microsoft
5. SEGYPload47
6. Spreadsheet Importer
7. Stratton SEGYP

Coalbed Methane

The folder contains Coalbed Methane PRIZM templates, lithology patterns and equations. The table below describes the files in detail.

File Name	Description
CBM_ReadMe.txt	Coalbed Methane interpretation readme file containing information about other files copied in the folder.
Coalbed Methane.prt	PRIZM template file for Coalbed Methane interpretation.
Coalbed Methane.rpt	Report template file for Coalbed Methane interpretation in PRIZM.
Coalbed Methane.ude	User-defined equation for Coalbed Methane interpretation. The file is available in PRIZM by default.
IsoEq.txt	This file controls the standard equations which are available in IsoMap.
Litho.pat	This is a lithology fill pattern file (to display the lithology fills) used in PRIZM.
ZMStd.txt	This file controls the standard equations which are available in ZoneManager.

GES97 Report Format

The folder contains the "WellBase ASCII2 No Production" format file. The **\$WBA2NOP.WBR** file is a GES97 WellBase report format file used in transferring well data without production from GES97 to Discovery.

Lithology Patterns

The folder contains an alternate set of colors/patterns in a pastel format using litho.pat.

File Name	Description
litho.pat	An additional lithology fill pattern file that can replace the default litho.pat file provided with Discovery install.
litho_pat ReadMe.txt	Readme file explaining the use of this additional litho.pat file.

Microsoft

Folder Name	Description
MDAC	The folder contains Microsoft Data Access Components 2.5 for Chinese.
Microsoft Visual C++ 2005 Redistributable- x86 8.00.50727.4053	The Microsoft Visual C++ 2005 Redistributable Package (x86) installs runtime components of Visual C++ Libraries required to run applications developed with Visual C++ on a computer that does not have Visual C++ 2005 installed.
Microsoft Visual C++ 2005 Redistributable- x86 9.0.30729.4148	The Microsoft Visual C++ 2008 Redistributable Package (x86) installs runtime components of Visual C++ Libraries required to run applications developed with Visual C++ on a computer that does not have Visual C++ 2008 installed.

SEGYPload47

The folder contains the **SEGYPload47.exe** file. The application is used to convert SEGYP data into 3ds, 3dx, and 2ds formats.

Spreadsheet Importer

The folder contains the GeoGraphix Discovery Excel Spreadsheet Importer, gxdb.xla, and instructions files.

Note: For details, consult the **Spreadsheet Importer ReadMe.txt** file.

Stratton SEGYP

The folder contains the **Stratton.exe** file. Stratton.exe contains sample data for the Stratton project in SEGYP format.



PRIZM Chart Utility

This utility is used to digitize chart bitmaps (in PIL format) which then can be used inside PRIZM. The utility, if installed, can be launched from inside PRIZM or separately.

PRIZM External Model Dev Kit

The **PRIZM Development Kit** provides curve data API to create “log interpretation models” using Microsoft C, C++, or Visual Basic programming languages. An executable file created with this API is called a **PRIZM External Model** or **PEM**. The PEM is run from within PRIZM and uses PRIZM’s user interface to set parameter values, define depth intervals, and display, and save computed curves.

SVSEGYTV

This folder contains the **SVSEGYTVSetup.exe** file used to install the SeisVision SEG Y Trace Viewer. It is a utility to view SEG Y files data including, ASCII/EBCDIC header, Binary Header, and per trace data including header and samples.



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Helpful Internet Links

Name	Website Address
GVERSE Homepage	https://www.gverse.com
GVERSE GeoGraphix Support Portal	https://gverse.com/support



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