

DSL's Aeries Data Extractor Installation and User Guide Revised: June 23, 2014 <u>http://apps.discoverysoftware.com/support/bridges/aeries.html</u>

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Chapter 1 – Initial Setup

By this point you should have already installed the Discovery Data Extractor for Aeries program using the installer that contained these instructions.

In order to use the bridge for Aeries, Discovery's SIS Liberty will need to be installed. Once the installation has been

completed follow the instructions below to run SIS Liberty and configure your school information:

SIS Liberty

SIS Liberty is the graphical user interface that allows you to configure and manually extract data from the Aeries (along with any other SIS Liberty compatible bridge).

To Run SIS Liberty, choose Start->Programs->SIS Liberty->SIS Liberty.

SIS Liberty will show you a Guide page:

SIS Liberty								_ _ ×
Guide	Sources	Schools	Datasets	Recipients	Destinations	Support	! About	Run
Welcome t	o SIS Libe	rtv!						
SIS Liberty all	ows you to ex	tract data from	n your Studen	t Information	System and use i	t with a varie	ty of Discovery and	d third-party products.
Manually test that data on a	generate data your configura n irregular bas	a from your SIS ation is genera sis.	and make it a ting your data	available to ins correctly. It is	talled products. also your best o	This is a conve option if you w	enient way to vant to generate	🐲 Run
Set up SIS and other	S Liberty to ge third party pr	enerate inform oducts. You n	ation for all of nay require as	your schools a sistance from	and provide acce your IT departme	ss for a variet ent to correcti	y of Discovery y configure.	🍬 Setup
General que	estions or pr	oblems?	th SIS Liberty	dick on Conta	act Support			Support
.,	, normy gene	on processing the						
SIS Liberty ve	rsion 2.00.00	07					(••• •	
Built on Mar 8	3 2013 21:27:	15						
Copyright © 2	2002-2013 Dis	covery Softwa	re Ltd.				Knowledge	Base User Guide
SIS Liberty co	ntains third pa	arty libraries as	listed in Licen	ises				

Configuring the Source connection

Clicking the on the Sources tab will display the following:

Datasets Define where you Sources lets you te Choose a data sou describes the data Extracted by Name A Aeries Remote I Fill in the edit box b this field blank. Plex DSN A Aeries Local Da Click on the top bro browse button and	Recipients Der r information o II SIS Liberty where ce where the inf source. eries (Data Extra eries) atabase Setu elow to tell the b ase refer to the u eries tabase Setup	riginations riginates re your scho ormation will ctor) p ridge which [iser guide on	Support ol information be origination DSN to use. I how to setu	About n is stored and h g and create a n v f you are not us p a DSN.	Run now to access it. name that best Get New Bridge
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Aeries Local Da Click on the top bro browse button and	tabase Setup				
Click on the top bro browse button and	(abaoo ootap				
	navigate to you	navigate to y mdw file tha	your schools at contains yo	Aeries folder the our security sett	en click on the next ings.
Aeries Folder					
Security File					
Aeries Login					
Please enter the us	ername and pas	sword you us	e to log into	Aeries.	
Username s	a				
Password •	•••••				
Ae Ple Us Pa	eries Login wase enter the us ername sa ssword •	eries Login ease enter the username and pass ername sa ssword ••••••	eries Login sase enter the username and password you us ername sa ssword •••••••	eries Login asse enter the username and password you use to log into ername sa ssword •••••••	eries Login asse enter the username and password you use to log into Aeries. ername ssword ••••••••

- 1. Click the Add button to create a new connection
- 2. Select Aeries (Data Extractor) from the Bridge drop down.
- 3. Enter a name that you want to use to identify the connection. Eg. Aeries
- 4. SIS Liberty will display the configuration parameters needed by the Aeries Data Extractor to configure the Connection.
- 5. Fill in the fields as follows:

ODBC DSN – enter the name of the ODBC DSN to connect to Aeries.

- Aeries Folder If you are connecting to a Aeries Local, click on the browse button and select the folder where your Aeries *.mdb files are stored. If you are not using Aeries Local, leave this field blank.
- Security File If you are connecting to a Aeries Local, click on the browse button and select the *.mdw file associated with your Aeries Folder. If you are not using Aeries Local, leave this field blank.
- **Username** If you are connecting to Aeries remote, enter the username for the ODBC DSN.
- Password If you are connecting to Aeries remote, enter the password for the ODBC DSN

Setting up a School

After you configure your Aeries connection successfully, click on the Schools tab button to configure School information.

🕑 SIS Liberty						- - ×
Guide Sources	a Datasets	Recipients	Destinations	Support	About	🖈 Run
School Discovery Software Principalm High Principalm Middle	Define the schu Schools lets you Source where th photos are store Basic Photo License Licensed for: Source School Inform Please select th School Number Aeries Config Select "No Staff Linked Staff" if No Staff Export Filter Photos	bol information tell SIS Liberty e school data i d and how the s Expires on 20 () () () () () () () () () () () () ()	on to extract the settings req s stored. The Ph y are identified. 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26 115/04/26	uired to extr. notos sub-tab	act the school info o allows you to sp	ormation. Select the ecify where the school
C Add C Remove	Test	Tes	t Results			

Any Discovery Licenses that exist in the License folder at: \Documents\DiscoverySoftware\Licenses

will automatically be added into the Schools list.

To Add a school:

- 1. Click the **Add** button and browse for one or more Discovery License files (.paf) (If licenses were not loaded automatically)
- 2. Select the Source you want to associate with the selected school.
- 3. Select the name of the district from the **District** drop down.
- 4. Select the name of the school from the **School Number** drop down.
- 5. Optionally:
 - Select the Export Staff box if you do not wish to export staff info
 - Select the Link Staff/Tch box if your staff and teachers do not refer to the same person
 - Select the Filter Photos box if you do not want photos exported
- 6. Click the **Test** button to test your settings. Test results should appear in the "Test Results" section

Removing Schools

To remove a school:

- 1. Select the school you wish to remove from the Schools list.
- 2. Click on the Remove button
- 3. Confirm you want to remove the School by clicking on the "Yes" button.

For more information on importing photos, setting up datasets and recipients to be delivered to your Provider/Product, as well as troubleshooting/support, please refer to **DSL's SIS Liberty User Guide** packaged with your provider installation.

Chapter 2 – Advanced Setup

Using Windows Scheduled Tasks

You can turn on automatic updates so that the data extractor is run on a periodic basis. By selecting the check box **Update destination data automatically** in SIS Liberty/Destinations, this will create a scheduled task that runs in the middle of the night. If you select the check box **This computer is turned off at night** then the scheduled task will run at log on. This feature enables your users to have the latest data without having to manually run the extractor to keep data synchronized.

If you make changes/updates in SIS Liberty, the batch file will automatically be updated to reflect the new settings

To modify the Schedule task that is created by SIS Liberty:

- 1. Select **Programs/Accessories/System Tools/Task Scheduler**. The **Scheduled Task** control panel appears.
- 2. Select Scheduled Task Library to view all tasks
- 3. Double-click your task to modify it

SIS Liberty creates and saves all batch files to:

\Documents\Discovery Software\Configuration, by default *ScheduleAll.bat* is the batch file that runs all tasks from start to finish. You may also schedule separate batch files manually, however please do not modify batch files if you are unsure of what to do.

The Aeries Extractor uses command line parameters to tell the extractor to perform certain actions and pass the necessary configuration information.

Command argument

The first parameter tells the extractor what task you would like it to complete.

Command	Description	Requirements
help	Displays usage for all arguments	
params	Lists the parameters that are required by	Must include:
	the extractor.	-group or -paramkey
		(see below)
test	Test the extractor for the specified group.	Must include:
		–group
run	Extract data	Must include:
		Extract type:
		-all, -demo or -att
		-license
		-path
		Specific params dependant for groups
version	Get the version of the extractor	

Command optional Parameters

The command parameter is followed by a number of required parameters for that option.

Parameter	Description	Example
group=value	This indicates which group you would like information for. Currently, the extractor supports the connection group and the school group	group=connection or group=school
paramkey=key	This indicates which param to return or list values for. This can be any valid paramkey used by the extractor. See below.	paramkey=dsn
Extract type	This parameter tells the extractor if you	all
all,demo,	want a full of partial extraction:	
att	-all : extracts all data supported	
	-demo : extract just demographic information	

	-att : extract just attendance information	
license=path	The full path to the license file to use for this extraction	license=C:\ mylicense.paf
path=path	The full path to where the extracted data should be placed.	path=C:\myschool\
logpath=path	The full path to where logs should be	path=
	placed.	C:\myschool\logs\
log=option	Where "option" can be any of these values:	log=off
	log=off : no logging at all	log=consoleoff
	log=consoleoff : no logging to the console	log=fileoff
	log=fileoff : no logging to file	log=sqloff
	log=sqloff : no logging to sqlite	log=extract
	log=extract : no logging to console while logging extract	

The extractor supports the following <u>*Connection*</u> parameters:

Parameter	Description	Example
dsn	The dsn name you created if you use MS SQL Server or Oracle	dsn=Aeries
user	The username for the odbc dsn.	user=PSNavigator
pwd	The password for the odbc dsn	pwd=mypassword
pwdencode	The encoded password for the odbc dsn, using the automatic scheduler will create an encoded password.	pwdencode=!H&f3\$%&

The extractor supports the following <u>School</u> parameters:

Parameter	Description	Example
district	The district number to extract	district=12
school	The school number to extract	school=999
activecodes	The student status codes that are considered active	activecodes=J,V

NOTE: Remember to place quotes around parameters that might contain spaces.

All parameters must be set each time the extractor is run. No parameters are remembered between runs.

Chapter 3 – Customizing Aeries Export

What Can I Customize?

As we receive user feedback on fields that they wish to add we will continue to expand the DSL's Aeries Data Extractor. If you have suggestions on fields that exist in Aeries that you would like to see added, please do not hesitate to contact us at support@discoverysoftware.com.

Chapter 4 – Uninstall

To uninstall the Discovery Data Extractor for Aeries from your system, follow these steps:

- 1.Go to Start->Control Panel->Programs and Features.
- 2.Selected DSL's Aeries Data Extractor.
- 3.Click Remove to uninstall.

Appendix A – MS SQL Server ODBC Setup

The Discovery Data Extractor accesses Aeries's MS SQL Database database via an ODBC DSN. This ODBC Connection may already be set up.

To check for an existing ODBC DSN:

- 1.Open the Windows Data Sources (ODBC) control panel:
 - 2. From the Start menu, choose Control Panel.
 - 3.On Windows 2000/XP, open the Administrative Tools folder.
 - 4. Double-click the Data Sources (ODBC) icon.
- 5.On the User DSN or System DSN tab, in the User Data Sources or System Data Sources list, check for an entry that matches your school.
- 6.Note the name of the DSN if you found one, this is the same name that you will enter in the **DSN** field in the Discovery Data Extractor later.

If you have no ODBC DSN entries matching your school, please follow these steps to add an ODBC DSN for Aeries: To set up a MS SQL Server DSN:

1.Open the Windows Data Sources (ODBC) control panel:

- 1. From the Start menu, choose Control Panel.
- 2.On Windows 2000/XP, open the Administrative Tools folder.
- 3.Double-click the Data Sources (ODBC) icon.

1.On the System DSN tab, click the Add... button.

2. From the list of drivers that appears, choose SQL Server, and click Finish.

Create a New Data Source to SQL Server screen will appear.

Select a driver for which you want to set up a data	source.
Microsoft Visual FoxPro Driver Microsoft Visual FoxPro-Treiber MySQL ODBC 5.1 Driver Oracle in instantclient10_2 SoftVelocity Topspeed driver Read-Only (*tps) SQL Native Client	
<	•
 < Back Finish	Cancel

3.For **Data Source Name**, enter a name for the data source. Remember the name you choose, it is the same name you should enter in the **SIS2000 DSN** box in the Extractor.

	This wizard will help you create an ODBC data sour connect to SQL Server.	rce that you can use t
R	What name do you want to use to refer to the data Name:	source?
	How do you want to describe the data source?	
	Which SQL Server do you want to connect to?	

4.Click Next

5.Select the With SQL Server authentication using a login ID and password entered by the user radio button

e a New Data So	ource to SQL Server
	How should SQL Server verify the authenticity of the login ID? With Windows NT authentication using the network login ID. With <u>SQL</u> Server authentication using a login ID and password entered by the user. To change the network library used to communicate with SQL Server, click Client Configuration. Client Configuration
	Connect to SQL Server to obtain default settings for the additional configuration options.
	Login ID:
	Login ID: Password:

6.Enter the credentials into the Login ID and Password fields. Then click Next.

Note: You may need to modify Client Configuration. If you have trouble with this step, please talk with your local IT administrator.



7.If your Infinite Campus Database is not setup as the default database, click on the **Change the default database** checkbox and select the database from the drop down list.

Note: You are not required to enter data in the remaining fields.

8.Click Next.

-	Change the language of SQL Server system messages to:
	English *
	Use strong encryption for data
	Perform translation for character data
	times.
	Save long running queries to the log file:
	C:\Users\DISCOV~1\AppData\Local\Temp\QUER Browse.
	Long query time (milliseconds): 30000
	Log ODBC driver statistics to the log file:
	C:\Users\DISCOV~1\AppData\Local\Temp Browse.

9.Click Finish again to exit the ODBC Data Source Administrator.

Your Data Source is now set up and ready to be used by the Data Extractor.