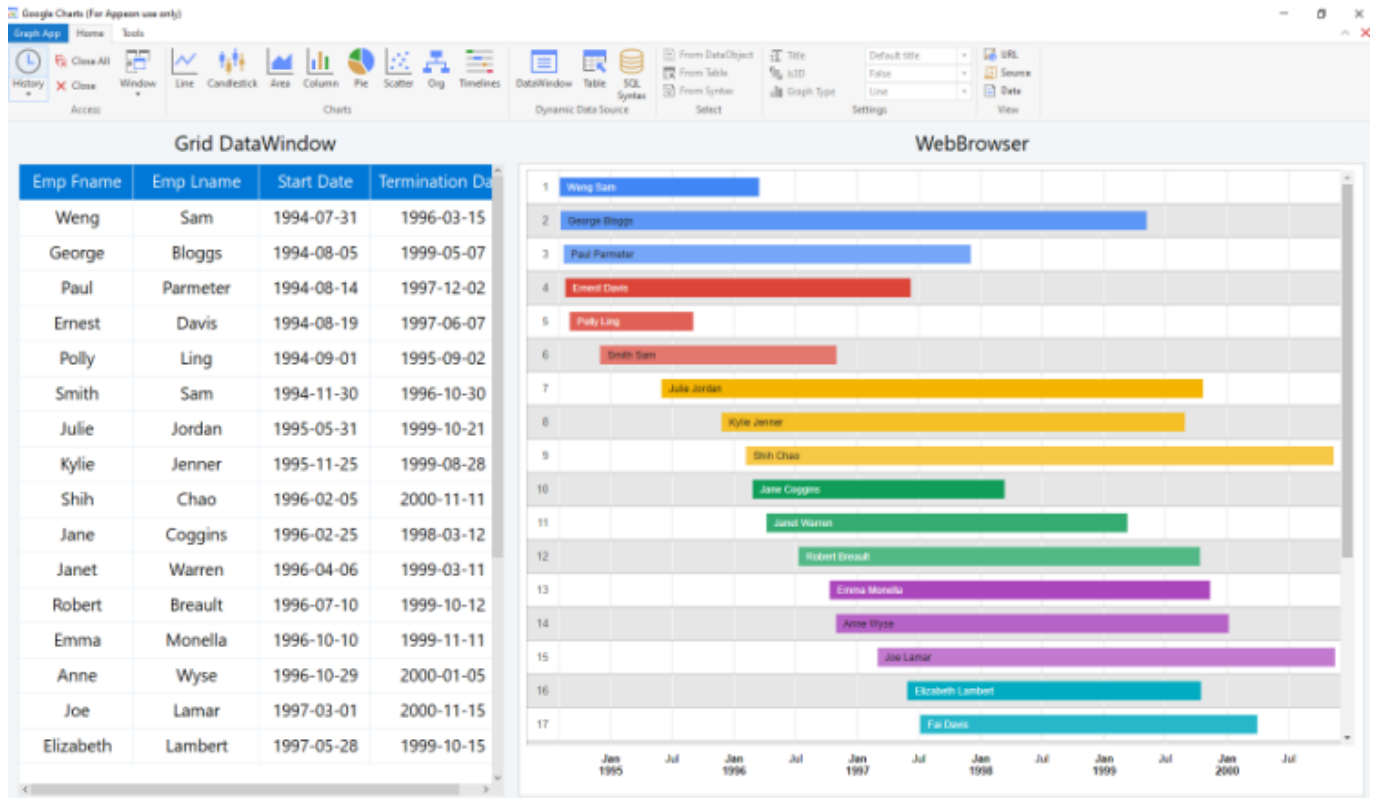


Article

[Muhammad Waseem](#) · Sep 28, 2021 1m read

Connecting to Caché with Apeon PowerBuilder by using ODBC



<https://www.appeon.com/products/powerbuilder>

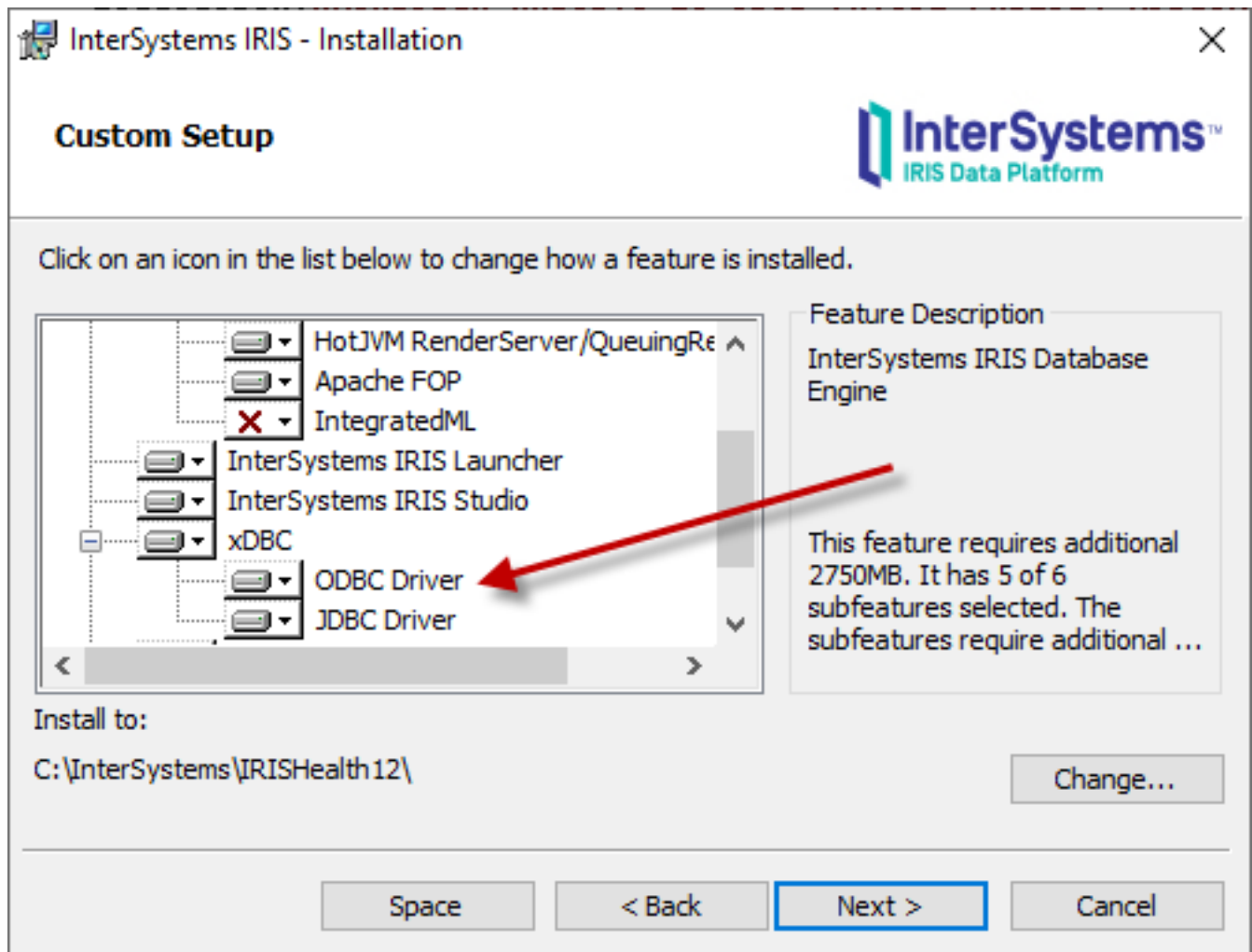
Apeon PowerBuilder is an enterprise development tool that allows you to build data-driven business applications and components.

It is one of a suite of Apeon products that together provide the tools to develop client/server, Web, mobile, and distributed applications.

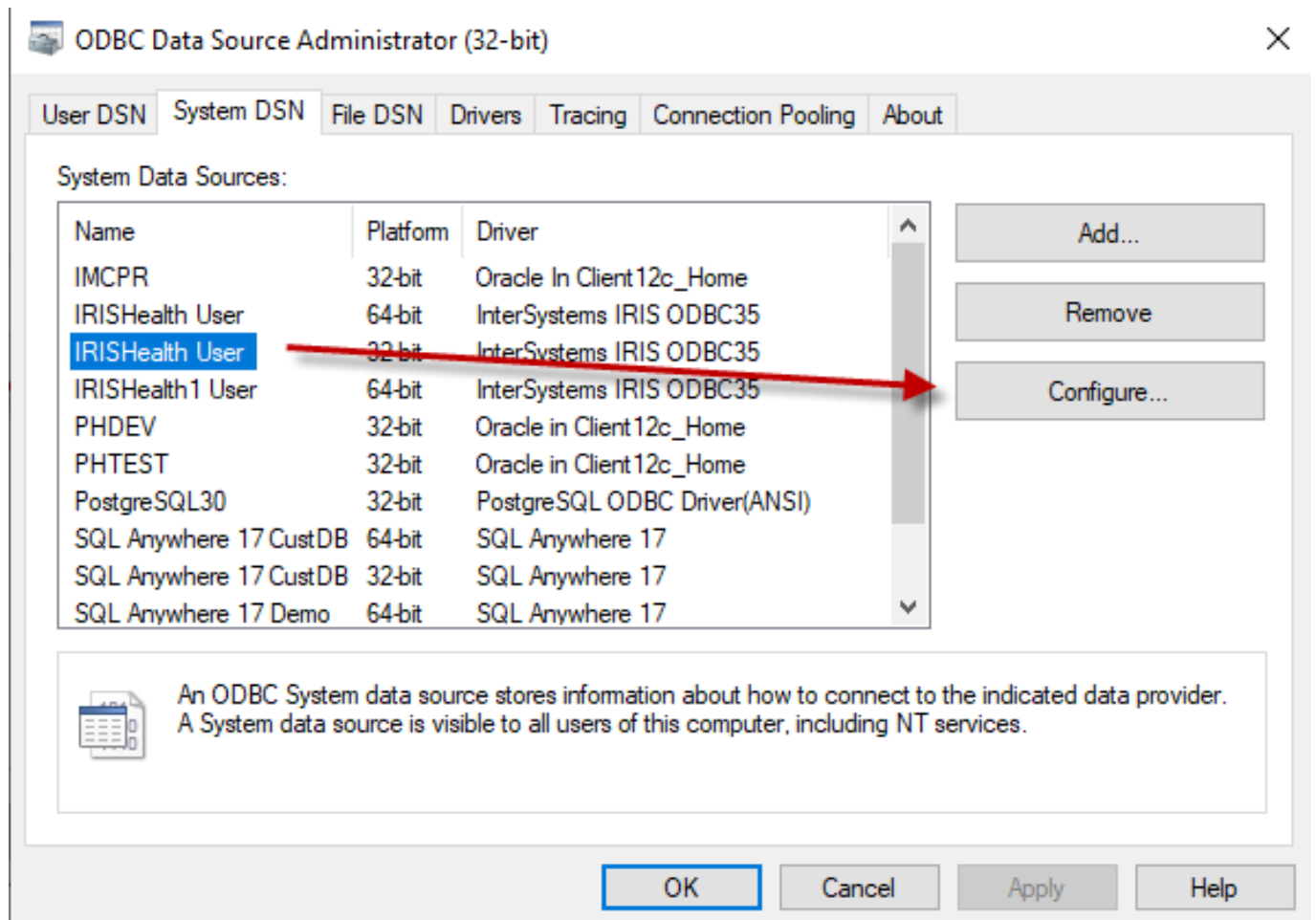
In this article I will show the steps to connect to Caché with Apeon PowerBuilder by using ODBC

Step1 :

Make sure ODBC Driver option is selected while installing IRIS



Step 2:
Configure ODBC IRIS Data Source by using ODBC Data Source Administrator



Step 3: Configure InterSystems ODBC Data Source

InterSystems ODBC Data Source Setup

Data Source

Name	Description
IRISHHealth User	IRIS Instance and Namespace - IRISH

Connection

Host (IP Address)	Port	Namespace
127.0.0.1	1972	samples

Authentication Method

Password Kerberos

Password with SSL/TLS

User Name:

Password:

Connection Security Level

Kerberos

Kerberos with Packet Integrity

Kerberos with Encryption

Service Principal Name:

Misc

<input type="checkbox"/> ODBC Log	<input type="checkbox"/> Static Cursors	<input type="checkbox"/> Disable Query Timeout
<input type="checkbox"/> Use Locale Decimal Symbol	<input type="checkbox"/> Unicode SQLTypes	

OK


Cancel

Test Connection

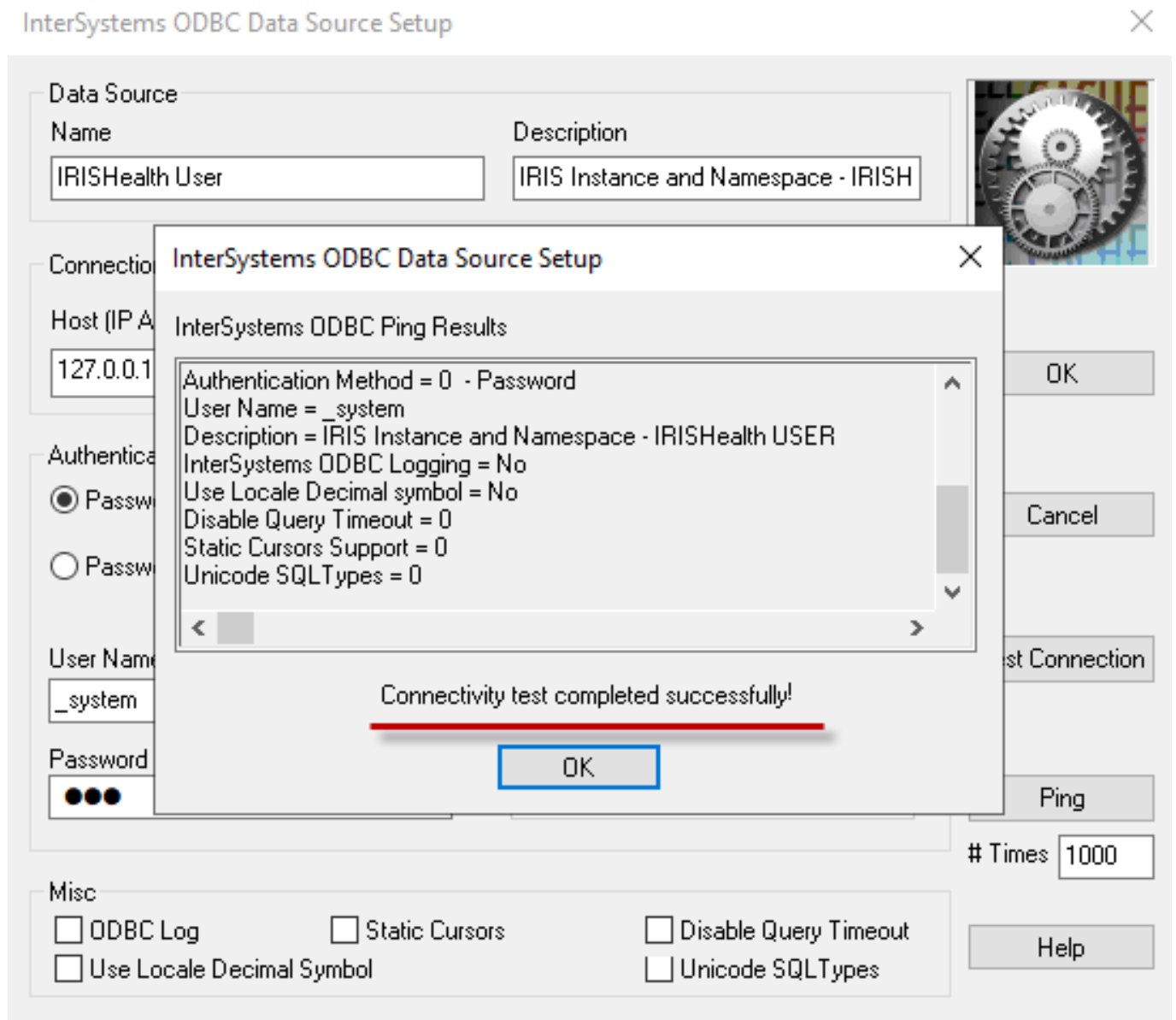
Ping

Times:

Help

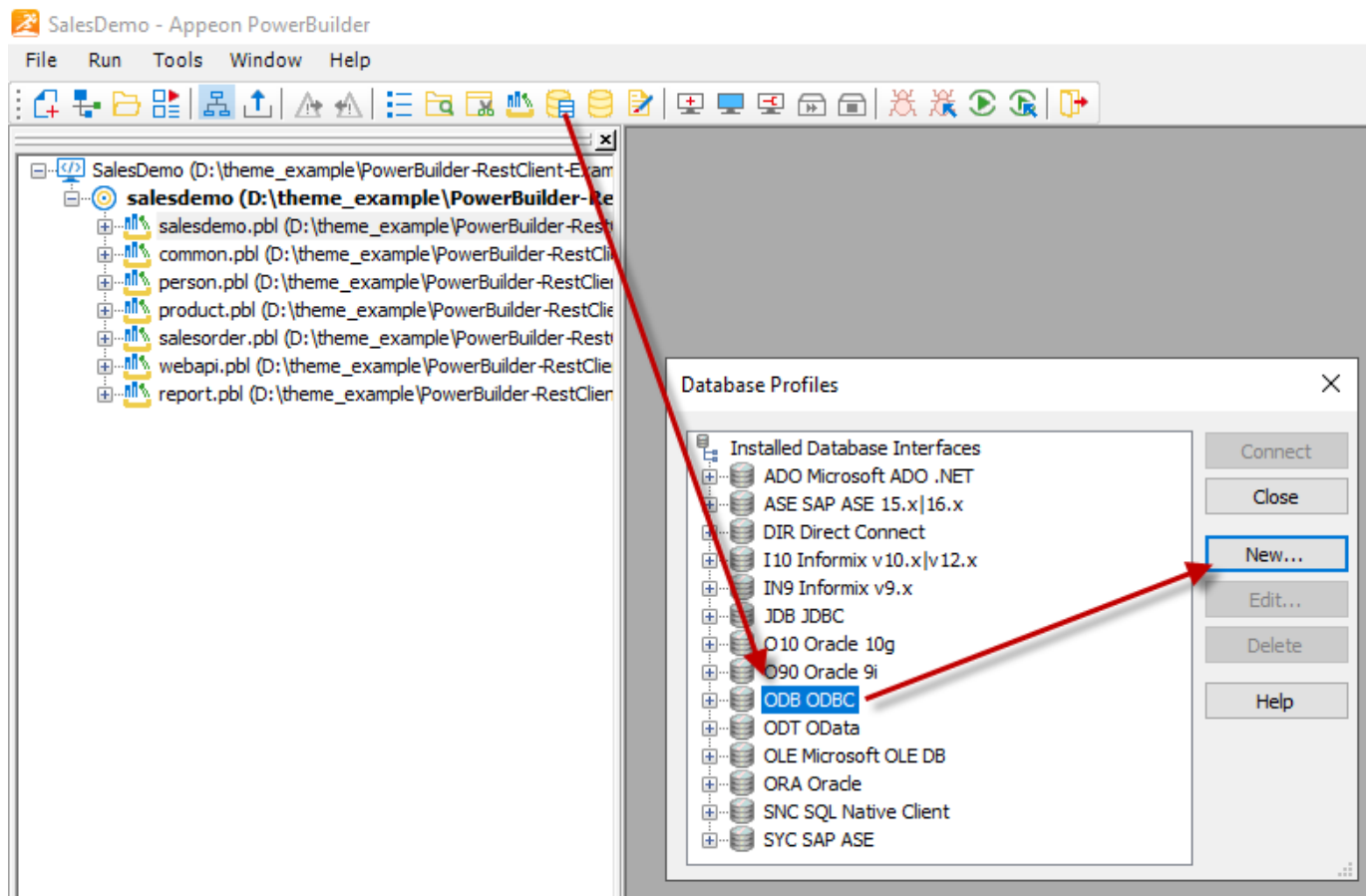


Step 4: Test the connection (make sure IRIS instance is running)



Step 5:

From PowerBuilder open Database Profiles, Select ODB ODBC from the list and click New... button

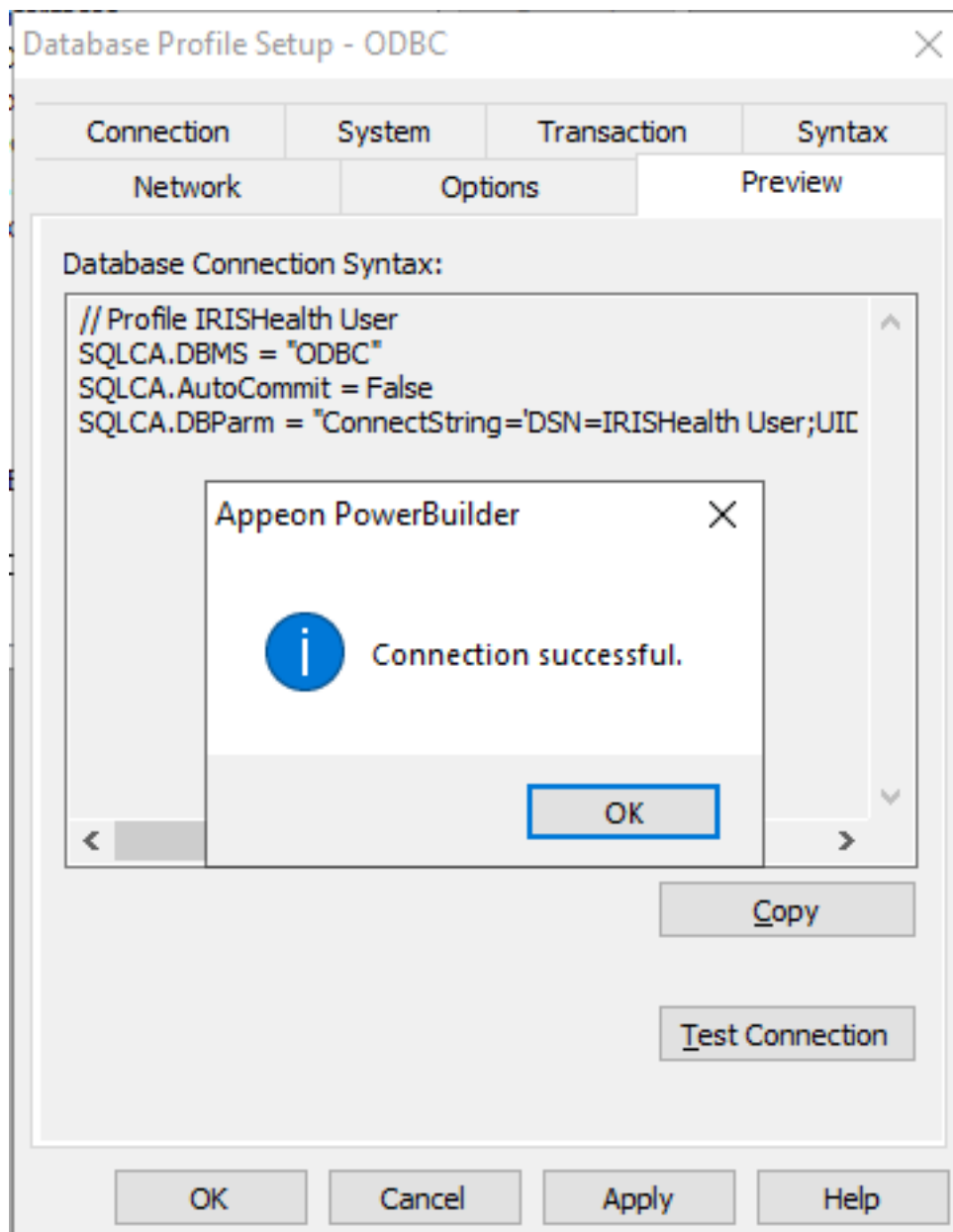


Step 6:

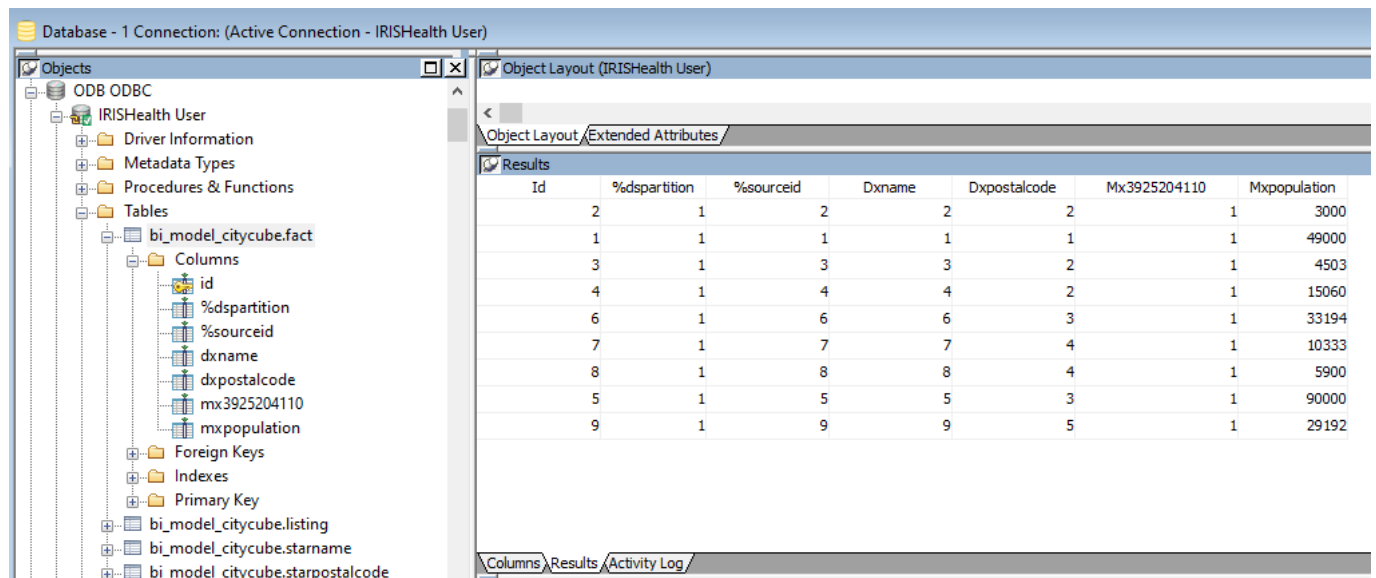
Select Data Source "IRISHealth User" which we created by using ODBC administrator

The screenshot shows the 'Database Profile Setup - ODBC' dialog box. It has three main tabs: 'Network', 'Options', and 'Preview'. The 'Network' tab is active and contains sub-sections: 'Connection', 'System', 'Transaction', and 'Syntax'. The 'Profile Name' field is filled with 'IRISHealth User'. Under 'Connect Information', the 'Data Source' is 'IRISHealth User'. The 'User ID' and 'Password' fields have checkboxes checked. The 'Driver-Specific Parameters' field is empty. Under 'Other', the 'Isolation Level' is '(Default Driver Behavior)'. There are four checkboxes: 'AutoCommit Mode' (unchecked), 'Commit on Disconnect' (checked), 'Prompt for Database Information' (unchecked), and 'Generate Trace' (unchecked). At the bottom are buttons for 'OK', 'Cancel', 'Apply', and 'Help'.

Step 7: Test the connection under Preview tab by clicking Test Connection button



Congratulation! We have established successful connection to Caché
Now we can view Tables and data by using PowerBuilder database painter



Thanks

[#Databases](#) [#ODBC](#) [#Caché](#) [#InterSystems IRIS for Health](#)

Source URL: <https://community.intersystems.com/post/connecting-cach%C3%A9-appeon-powerbuilder-using-odbc>