

Article

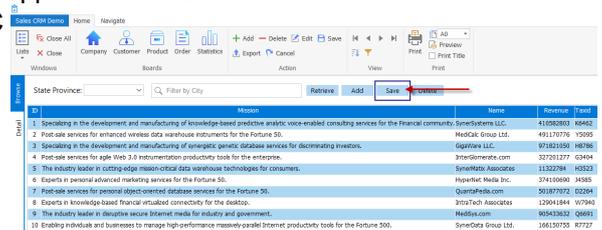
[Muhammad Waseem](#) · Nov 14, 2021 2m read

Saving data to Caché by using ODBC connection from Apeon PowerBuilder

In my previous articles I demonstrated the steps to connect and retrieve data from Caché from Apeon PowerBuilder by using ODBC.

In this article I will demonstrated how to Save data to Caché with Apeon PowerBuilder

(<https://www.appeon.com/products/powerbuilder>) by using ODBC



Rank	Description	Company	Score
1	Specializing in the development and manufacturing of knowledge-based predictive analytics, voice-enabled consulting services for the financial community.	SyneData Group Ltd.	41262093 10692
2	Post-sale services for enhanced wireless data warehouse instruments for the Fortune 500.	MediCAL Group Ltd.	49117076 153095
3	Specializing in the development and manufacturing of synergistic genetic database services for discriminating investors.	LogiFlow LLC.	971821050 18786
4	Post-sale services for apple iOS 3.0 instrumentation productivity tools for the enterprise.	Shor-Domestic.com	327201277 12414
5	The industry leader in cutting-edge mission-critical data warehouse technologies for consumers.	SyneMatrix Associates	11322784 10323
6	Experts in personal advanced marketing services for the Fortune 500.	Hopernet Media Inc.	37410060 14385
7	Post-sale services for personal object-oriented database services for the Fortune 500.	QuantalPedia.com	50577702 12254
8	Experts in knowledge-based financial embedded connectors for the desktop.	ShorTech Associates	12904184 10740
9	The industry leader in disruptive secure Internet media for industry and government.	MediData.com	605433632 10691
10	Enabling individuals and businesses to manage high-performance massively parallel Internet productivity tools for the Fortune 500.	SyneData Group Ltd.	166150753 17727

I am using Company.cls from Samples-Data

(<https://github.com/intersystems/Samples-Data/tree/master/cls/Sample>)

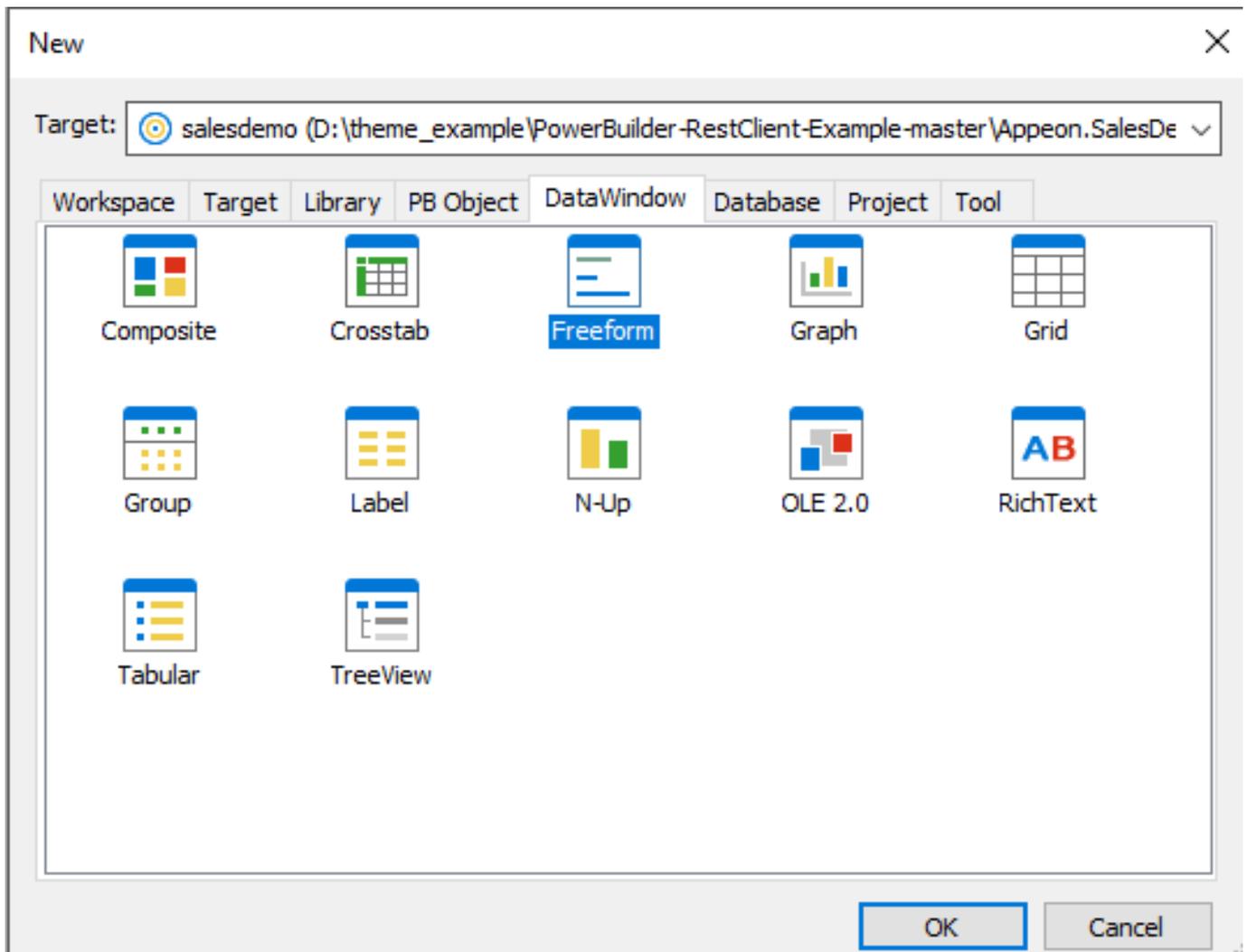
So Let's start:

Step 1 : First of all we need to establish a connection

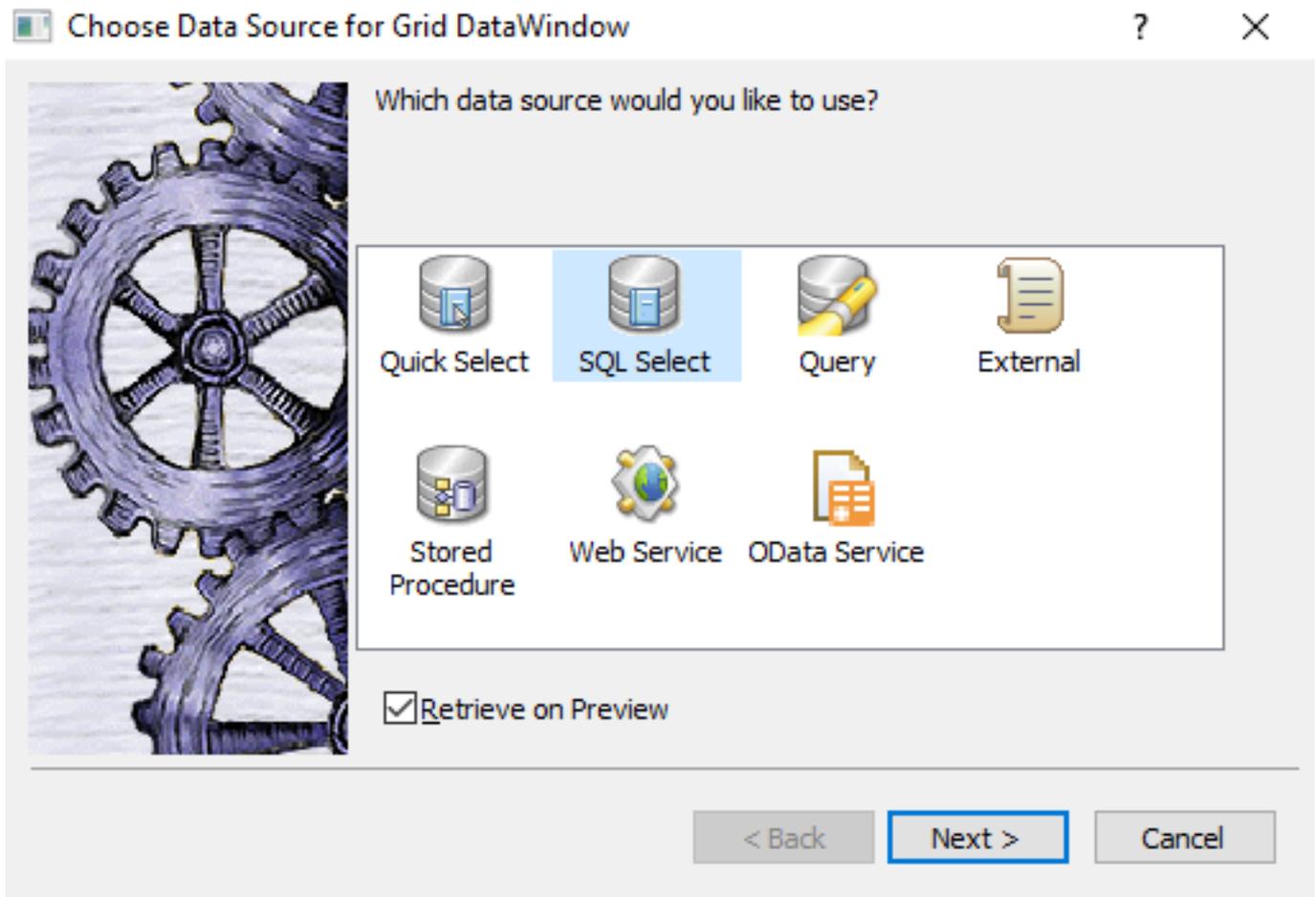
(<https://community.intersystems.com/post/connecting-cach%C3%A9-appeon-pow...>)

Step 2 : We need to create datawindow object which will link to Company class.

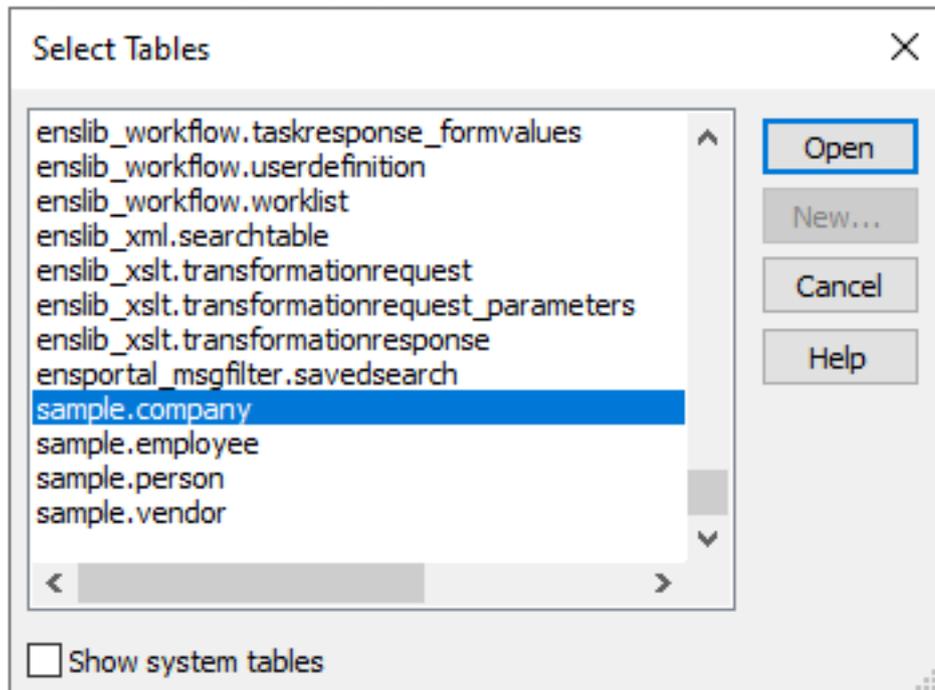
From File menu select New and select Freeform datawindow object from DataWindow Tab



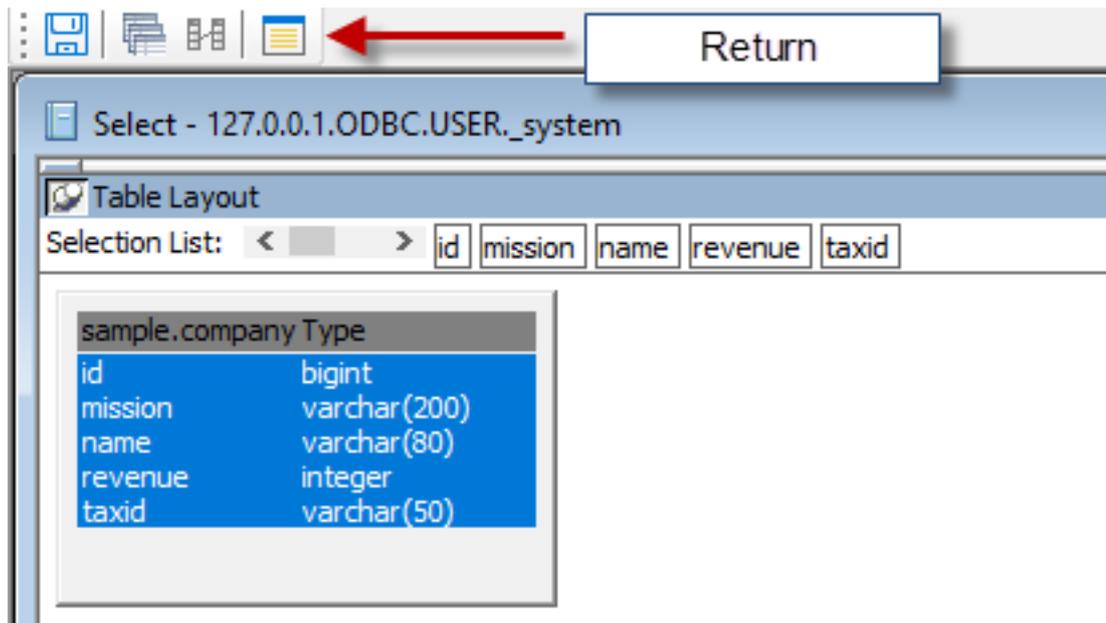
Step 3 : Select SQL Select from data source list



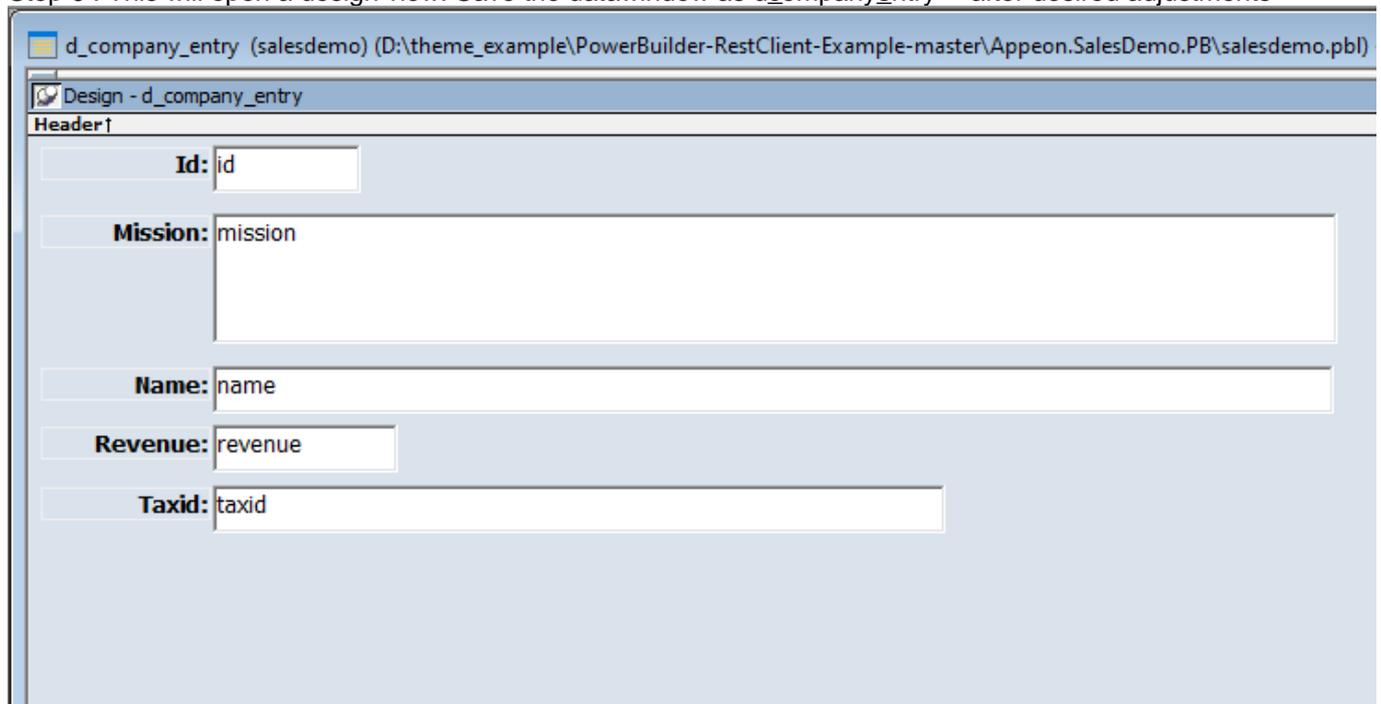
Step 4 : Select sample.company from Tables list



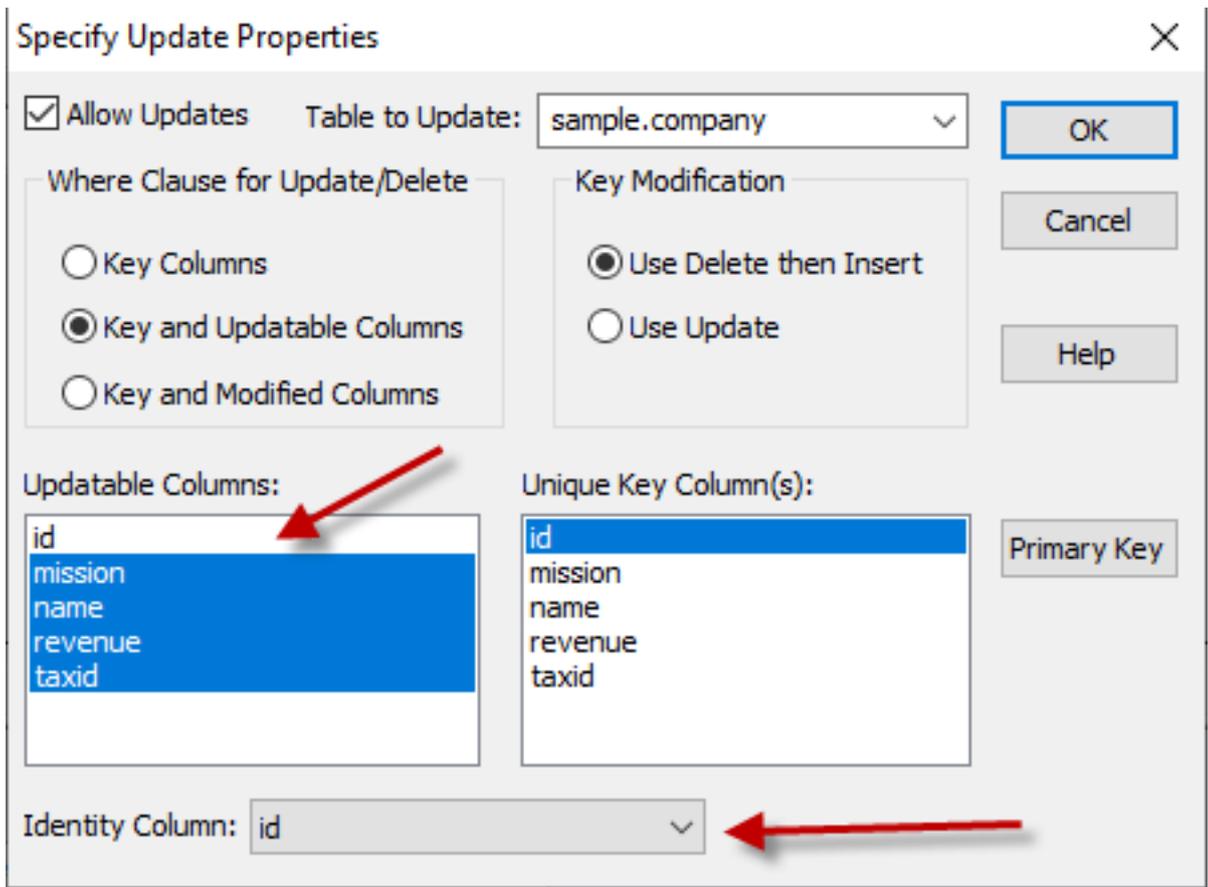
Step 5 : Select desired columns from column list and press Return



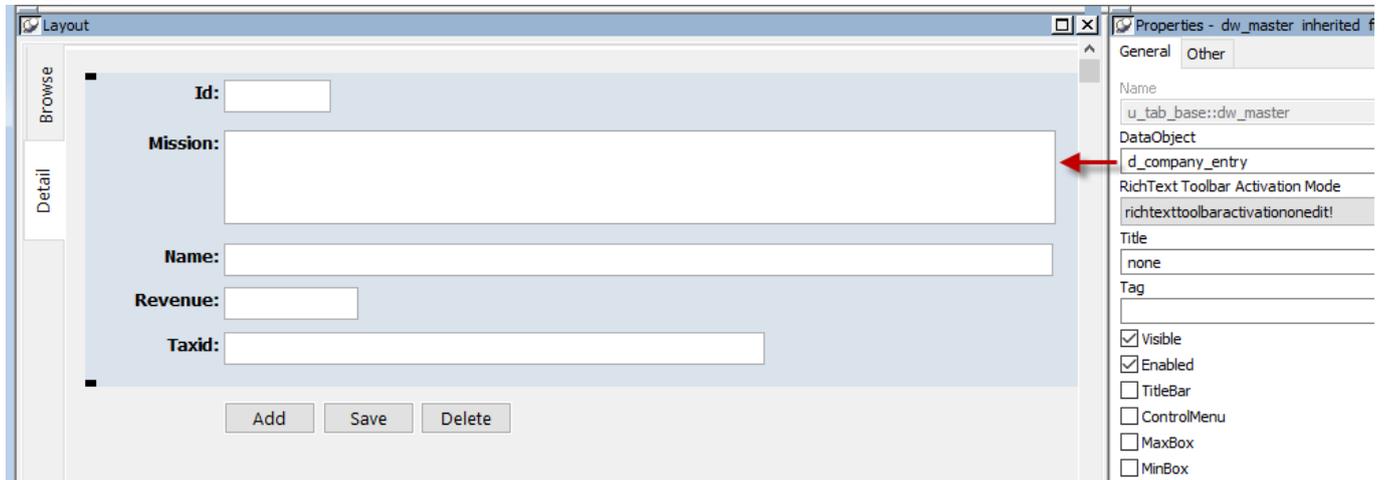
Step 6 : This will open a design view. Save the datawindow as `dcompanyentry` after desired adjustments



Step 7 : Make sure to de-select id column from undated columns list and select id from Identity column list as id will be generated automatically from Caché

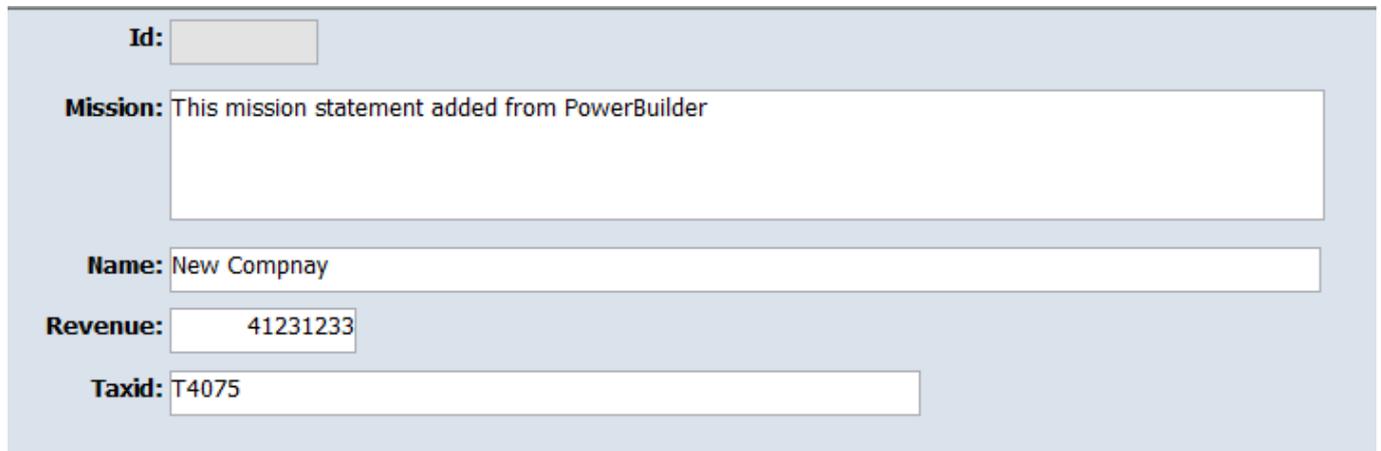


Step 8 : In the window control add datawindow object(d_company_entry) which we already created to datawindow control



Step 9 : Now we need to insert row in datawindow control by using datawindow control Insertrow(0) function

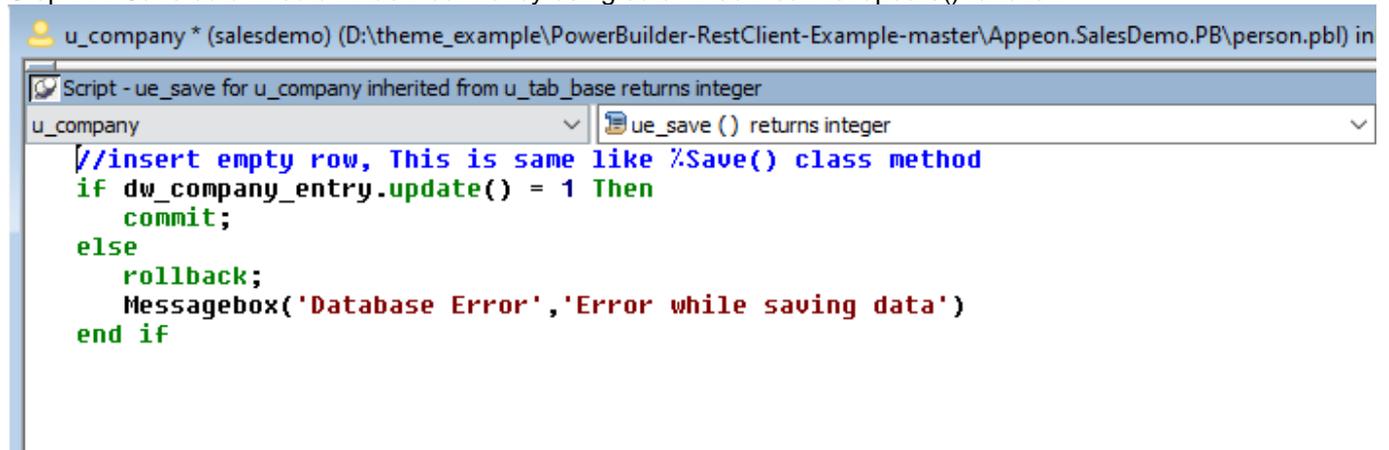
Step 10 : Add some data by using PowerBuilder datawindow control



The screenshot shows a datawindow control with a light blue background. It contains five input fields:

- Id:** An empty text box.
- Mission:** A text box containing the text "This mission statement added from PowerBuilder".
- Name:** A text box containing the text "New Compnay".
- Revenue:** A text box containing the number "41231233".
- Taxid:** A text box containing the text "T4075".

Step 11 : Save data in datawindow control by using datawindow control update() function



The screenshot shows a script editor window with the following content:

```
u_company * (salesdemo) (D:\theme_example\PowerBuilder-RestClient-Example-master\Apeon.SalesDemo.PB\person.pbl) in  
Script - ue_save for u_company inherited from u_tab_base returns integer  
u_company ue_save () returns integer  
//insert empty row, This is same like %Save() class method  
if dw_company_entry.update() = 1 Then  
    commit;  
else  
    rollback;  
    MessageBox('Database Error','Error while saving data')  
end if
```

That's it. ID 21 is added

Catalog Details Execute Query Browse SQL Statements

Execute Show Plan Show History Query Builder Display Mode Max 1000 more

```
SELECT
ID, Mission, Name, Revenue, TaxID
FROM Sample.Company
```

Row count: 21 Performance: 0.003 seconds 343 global references 3327 commands executed 0 disk read latency (ms) Cached Query: %sqlco.USER.cis23 Last update: 2021-11-14 12:30:29.164 Print

ID	Mission	Name	Revenue	TaxID
1	Specializing in the development and manufacturing of knowledge-based predictive analytic voice-enabled consulting services for the Financial community.	SynerSystems LLC.	410582803	K6462
2	Post-sale services for enhanced wireless data warehouse instruments for the Fortune 50.	MediCalc Group Ltd.	491170776	Y5095
3	Specializing in the development and manufacturing of synergistic genetic database services for discriminating investors.	GigaWare LLC.	971821050	H8786
4	Post-sale services for agile Web 3.0 instrumentation productivity tools for the enterprise.	InterGlomerate.com	327201277	G3404
5	The industry leader in cutting-edge mission-critical data warehouse technologies for consumers.	SynerMatix Associates	11322784	H3523
6	Experts in personal advanced marketing services for the Fortune 50.	HyperNet Media Inc.	374100690	J4585
7	Post-sale services for personal object-oriented database services for the Fortune 50.	QuantaPedia.com	501877072	D2264
8	Experts in knowledge-based financial virtualized connectivity for the desktop.	IntraTech Associates	129041844	W7940
9	The industry leader in disruptive secure Internet media for industry and government.	MediSys.com	905433632	Q6691
10	Enabling individuals and businesses to manage high-performance massively-parallel Internet productivity tools for the Fortune 500.	SynerData Group Ltd.	166150755	R7727
11	Leaders in eco-friendly secure application development connectivity for the enterprise.	InterTech Inc.	876679613	G2204
12	Developers of sustainable secure instrumentation productivity tools for mobile devices.	DynaCalc Group Ltd.	152327464	K4989
13	Specializing in the development and manufacturing of dynamic multi-media devices and connectivity for the enterprise.	AccuTech GmbH.	928135607	Z2975
14	The industry leader in premise-based object-oriented graphical technologies for capital markets.	TeleSonics Media Inc.	285297940	O7072
15	Resellers of intelligent natural language application development instruments for consumers.	GigaCalc Media Inc.	42788883	L8288
16	Experts in secure digital voice-enabled gaming for additive manufacturing.	GigaGlomerate Holdings Inc.	29203149	S4241
17	The industry leader in knowledge-based enterprise application development middle-ware for mobile devices.	PicoDynamics LLC.	523626197	M7374
18	Resellers of open-source predictive analytic XML apps for the enterprise.	RoboTel.com	409832003	D3336
19	Resellers of breakthrough financial devices and consulting services for the Financial community.	OptiComp LLC.	727626252	C1723
20	Resellers of enterprise forecasting content for mobile devices.	MetaSoft.com	121490138	J1092
21	This mission statement added from PowerBuilder	New Company	41231233	T4075

21 row(s) affected

Thanks

[#Databases](#) [#Caché](#)

Source

URL: <https://community.intersystems.com/post/saving-data-cach%C3%A9-using-odbc-connection-apeon-powerbuilder>