

Question

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How could we get columns' data inside %Library.ProcedureContext and %SQL.ClassQueryResultSet ? ?

Hello,

I have created my first table in Ensemble:

```
Procesos.NotificacionesPUSH.GestionMensajeriaPush.bpl TablasBBDD.NotificacionesPUSH.RelacionAplicacionNotificacion.cls Mensajes.Request.NotificacionesPUSH.CrearNotificacion.cls 4
Class TablasBBDD.NotificacionesPUSH.RelacionAplicacionNotificacion Extends Ens.Request
{
    Property idApp As %String(MAXLEN = "");
    Property tipoNotificacion As %String(MAXLEN = "");
    Property clave As %String(MAXLEN = "");

    Query seleccionarClave(idApp As %String, tipoNotificacion As %String) As %SQLQuery [ SqlProc ]
    {
        SELECT clave FROM TablasBBDD_NotificacionesPUSH.RelacionAplicacionNotificacion
        WHERE idApp = :idApp and tipoNotificacion = :tipoNotificacion
    }

    Query seleccionarTodo() As %SQLQuery [ SqlProc ]
    {
        SELECT * FROM TablasBBDD_NotificacionesPUSH.RelacionAplicacionNotificacion
    }

    Storage Default
    {
        <Data name="RelacionAplicacionNotificacionDefaultData">
            <Subscript>"RelacionAplicacionNotificacion"</Subscript>
            <Value name="1">
                <Value>idApp</Value>
            </Value>
            <Value name="2">
                <Value>tipoNotificacion</Value>
            </Value>
            <Value name="3">
                <Value>clave</Value>
            </Value>
        </Data>
        <DefaultData>RelacionAplicacionNotificacionDefaultData</DefaultData>
        <Type>%Library.CacheStorage</Type>
    }
}
```

And I have added a row using the Production:

The screenshot shows the InterSystems SQL interface. At the top, there are tabs: « Wizards », Actions », Open Table, and Documentation ». Below these are sub-tabs: Catalog Details, Execute Query (selected), Browse, and SQL Statements in this Namespace. A toolbar contains buttons: Execute, Show Plan, Show History, Query Builder, Display Mode (dropdown), Max, and 1. The main query area contains the text: `select * from TablasBBDD_NotificacionesPUSH.RelacionAplicacionNotificacion`. Below the query area, a status bar shows: Row count: 1 Performance: 8.197 seconds 16686348 global references 50059866 lines executed 0 disk read latency (ms) Cached Query: %sqlcq_ESBSSCC.cls51 Last update: 2020-02-04 14:42:30.055 Print. Below this is a table with 5 columns: ID, clave, idApp, tipoNotificacion, and a fifth column with a value. The table contains one row with the value 4243346. Below the table, it says "1 row(s) affected".

ID	clave	idApp	tipoNotificacion	
4243346	centro,fecha,hora,profesional,nomUsuario,codcita,sepuede borrar	miHistoria	cita futura AP	

We would like to query it, and we would expect to get a row with all the previous' image data.

I have tried, inside a code block in a Business Process:

```
set statement=##class(%SQL.Statement).%New()  
  
set status = statement.%PrepareClassQuery("TablasBBDD.NotificacionesPUSH.RelacionAplicacionNotificacion",  
seleccionarTodo")  
  
set result = statement.%Execute()  
do result.%Display()  
  
$$$LOGINFO("filas result: " _ result.%ROWCOUNT)  
  
$$$LOGINFO("result: " _ result)  
  
//$$$LOGINFO("clave: " _ result.%Get("clave"))  
  
$$$LOGINFO("resultado actual: " _ result.%CurrentResult)  
  
$$$LOGINFO("resultado siguiente: " _ result.%Next())
```

So then we observe the following in a trace:

We have one row:

Header	Body	Contents
ID:	18927678	
Type:	Info	
Text:		filas result: 1
Logged:	2020-02-04 17:03:37.501	
Source:	GestionMensajeriaPush	
Session:	6340756	
Job:	16789	
Class:	Procesos.NotificacionesPUSH.GestionMensajeriaPush.Thread1	
Method:	S12	
Trace:	(none)	
Stack:		

The class name is:

Header	Body	Contents
ID:	18927804	
Type:	Info	
Text:		result: 16@%Library.ProcedureContext
Logged:	2020-02-04 17:48:41.741	
Source:	GestionMensajeriaPush	
Session:	6341102	
Job:	16789	
Class:	Procesos.NotificacionesPUSH.GestionMensajeriaPush.Thread1	
Method:	S12	
Trace:	(none)	
Stack:		

How could we get the current result? Because of as loginfo from the following instruction: \$\$\$LOGINFO("resultado actual: "result.%CurrentResult)
we get:

Header	Body	Contents
ID:	18927805	
Type:	Info	
Text:	resultado actual:	
Logged:	2020-02-04 17:48:41.741	
Source:	GestionMensajeriaPush	
Session:	6341102	
Job:	16789	
Class:	Procesos.NotificacionesPUSH.GestionMensajeriaPush.Thread1	
Method:	S12	
Trace:	(none)	
Stack:		

And there is not next:

Header	Body	Contents
ID:	18927806	
Type:	Info	
Text:	resultado siguiente: 0	
Logged:	2020-02-04 17:48:41.741	
Source:	GestionMensajeriaPush	
Session:	6341102	
Job:	16789	
Class:	Procesos.NotificacionesPUSH.GestionMensajeriaPush.Thread1	
Method:	S12	
Trace:	(none)	
Stack:		

The question is:

Considering we have just executed the following query:

```
Query seleccionarTodo() As %SQLQuery [ SqlProc ]  
{  
SELECT * FROM TablasBBDDNotificacionesPUSH .RelacionAplicacionNotificacion  
}
```

How could be get the result's columns' data???

I tried to use:

```
//$$$LOGINFO("clave: "result.%Get("clave")")
```

However it does not work, because it makes bussiness process crash.

I have read the following:

- <https://docs.intersystems.com/irislatest/csp/docbook/DocBook.UI.Page.cls...>
- <https://cedocs.intersystems.com/latest/csp/docbook/DocBook.UI.Page.cls?K...>
- <https://cedocs.intersystems.com/latest/csp/docbook/DocBook.UI.Page.cls?K...>
- <https://docs.intersystems.com/irislatest/csp/docbook/DocBook.UI.Page.cls...>
- <https://docs.intersystems.com/irislatest/csp/docbook/Doc.View.cls?KEY=GS...>
- <https://cedocs.intersystems.com/latest/csp/documatic/%25CSP.Documatic.cl...>
- <https://cedocs.intersystems.com/latest/csp/documatic/%25CSP.Documatic.cl...>
- <https://cedocs.intersystems.com/latest/csp/documatic/%25CSP.Documatic.cl...>

[#SQL](#) [#Ensemble](#)

Source

URL:<https://community.intersystems.com/post/how-could-we-get-columns-data-inside-libraryprocedurecontext-and-sqlclassqueryresultset-%E2%80%BD>