
Question

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Call Stored Procedure via a SELECT instead of a CALL

I have the following class:

```
Class temp.test7 [ Owner = {PHOENIXDBUSER} ]
{
ClassMethod GetTenAssets() As %Status [ ReturnResultsets, SqlProc ]
{
s sc=$$$OK s sql="SELECT TOP 10 * FROM Data_Assets.Asset"
s sqlStatement=##class(%SQL.Statement).%New()
s sc=sqlStatement.%Prepare(sql)
if $$$ISOK(sc) {
s result=sqlStatement.%Execute()
d %sqlcontext.AddResultSet(result)
s %sqlcontext.%SQLCODE=result.%SQLCODE
s %sqlcontext.%ROWCOUNT=result.%ROWCOUNT
s %sqlcontext.%Message=result.%Message
}
else {
s %sqlcontext.%SQLCODE=-460,%sqlcontext.%Message=##class(%SYSTEM.Status).
GetErrorText(sc)
}
q sc
}
}
```

I am able to successfully call this stored procedure using:

```
CALL temp.test7_GetTenAssets()
```

however I would ideally want to be able to call this stored procedure using a SELECT statement:

```
SELECT * FROM temp.test7_GetTenAssets()
```

- I am aware that documentation explicitly mentions using 'CALL' to execute a stored procedure. I, however, need to use a SELECT statement to align with how some of the existing components of the Cache application I am working with, are built.
- If 'CALL' is the only way to call this stored procedure then why is it possible to call a class query i.e. Query Get(x As %String) As %Query (ROWSPEC = "FundCode:%String ...") [SqlProc] using a SELECT? I wonder which super class do class queries extend that allows them to be Stored Procedures and still be executed via a SELECT. Does any one know?

Any help will be greatly appreciated.

[#SQL](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/call-stored-procedure-select-instead-call>