

Question

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Query method in a class %Persistent using itself as parameters

Hi all,

I'm wondering if is possible to get the values of itself to run a query.

I want to create some query to find a value into a %Persistent class but each one use diferent values.

```
Class Kurro.MyClass Extends %Persistent
{

  /// Key of process
  Property KeyProcess As %String(MAXLEN = "");

  /// Specialist
  Property CodeSpecialist As %String;

  /// Provider
  Property CodeProvider As %String;

  /// Center
  Property CodeCenter As %String;

  /// Date
  Property Date As %TimeStamp;

  /// IdList
  Property IdList As %String;

  /// IdProcess
  Property IdProcess As %String;

  /// Duration
  Property Duration As %String;

  Query GetInfo(pObject AS Kurro.MyClass) As %SQLQuery(CONTAINID = 1, ROWSPEC = "IdList
:%String,IdProcess:%String,Duration:%String")
  {
    SELECT IdList, IdProcess, Duration
    FROM Kurro.MyClass
    WHERE KeyProcess = :pObject.KeyProcess
    AND CodeSpecialist = :pObject.CodeSpecialist
    AND CodeProvider = :pObject.CodeProvider
    AND CodeCenter = :pObject.CodeCenter
    AND Date = :pObject.Date
  }
}
```

Then I call it by this way:

```
set obj=##class(Kurro.MyClass).%New()  
set obj.KeyProcess="1033004-1#"  
set obj.CodeSpecialist = "surgery"  
set obj.CodeProvider = "PR002"  
set obj.CodeCenter = "CENTER-01"  
set obj.Date = $ZDATETIME($ZDATETIMEH("2021-04-30 15:45:00",3,1),3,1)  
  
set result = obj.GetInfoFunc(obj)
```

But I have the following error

```
%Message = "ERROR #5002: Error de cache: <OBJECT DISPATCH>zGetInfoFunc+5^Kurro.MyClass1 *Property  
'KeyProcess' in class 'Kurro.MyClass' must be MultiDimensional "
```

It's weird, because this property is a simple %String param.

Then, I've tried to get itself values, and call using the same instance

```
Query GetInfo() As %SQLQuery(CONTAINID = 1, ROWSPEC = "IdList:%String,IdProcess:%Stri  
ng,Duration:%String")  
{  
    SELECT IdList, IdProcess, Duration  
    FROM Kurro.MyClass  
    WHERE KeyProcess = KeyProcess  
    AND CodeSpecialist = CodeSpecialist  
    AND CodeProvider = CodeProvider  
    AND CodeCenter = CodeCenter  
    AND Date = Date  
}
```

and call it using

```
set result = obj.GetInfoFunc()
```

But is doesn't work

```
%Message = "ERROR #5002: Error de cache: <PARAMETER>zGetInfo+1^Kurro.MyClass.1"
```

is it possible to get the values of the object to use as parameter of the query?

Best regards,
Kurro

[#SQL](#) [#Caché](#) [#Ensemble](#)

Product version: HealthShare 2017.2

\$ZV: Cache for Windows (x86-64) 2017.2.1 (Build 801_3U) Thu Apr 12 2018 10:02:23 EDT

Source URL: <https://community.intersystems.com/post/query-method-class-persistent-using-itself-parameters>