

问题

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来自海外的问题：使用自身作为参数的 %Persistent 类中的查询方法

大家好，

我想知道是否有可能获取自身值来运行查询。

我想创建一些查询以在 %Persistent 类中找到一个值，但是每个查询都使用不同值。

```
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
  }
}
```

然后这样调用它:

```
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)
```

但是就有错误

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

很奇怪因为此属性是一个简单的%String参数。

然后,我尝试获取自身的值,并使用相同的实例进行调用

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

并使用

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

但是是行不通的

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

是否有可能获取该对象的值以用作查询的参数?

此致,
库罗

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:%String,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](#)

源 URL: <https://cn.community.intersystems.com/post/%E6%9D%A5%E8%87%AA%E6%B5%B7%E5%A4%96%E7%9A%84%E9%97%AE%E9%A2%98%EF%BC%9A-%E4%BD%BF%E7%94%A8%E8%87%AA%E8%BA%AB%E4%BD%9C%E4%B8%BA%E5%8F%82%E6%95%B0%E7%9A%84%EF%BC%85persistent%E7%B1%BB%E4%B8%AD%E7%9A%84%E6%9F%A5%E8%AF%A2%E6%96%B9%E6%B3%95>