

Question

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Custom Query that Returns a RANDOM number of columns

Hi!

I was trying to create a query that can be exposed as a stored procedure (function actually) that would return a resultset with a random number of columns.

Unfortunately, it seems that unless I specify the ROWSPEC annotation on the Query method, I won't get any columns exposed. I was hoping to implement QueryNameGetInfo method and specify the names and number of columns I would be returning dynamically. But it seems that GetInfo information is simply ignored.

Here is my code:

```
Class Test.Test
{
    ClassMethod MyCustomQueryClose(ByRef qHandle As %Binary) As %Status
    {
        Quit $$$OK
    }

    ClassMethod MyCustomQueryExecute(ByRef qHandle As %Binary, ByVal pCubeName As %Library.String) As %Status
    {
        Quit $$$OK
    }

    ClassMethod MyCustomQueryFetch(ByRef qHandle As %Binary, ByRef Row As %List, ByRef AtEnd As %Integer = 0) As %Status
    {
        Set Row=$ListBuild(1,"Amir",2,"Test")
        Set AtEnd=1

        Quit $$$OK
    }

    ClassMethod MyCustomQueryGetInfo(ByRef colinfo As %List, ByRef parminfo As %List, ByRef idinfo As %List, ByRef qHandle As %Binary, extoption As %Integer = 0, ByRef extinfo As %List) as %Status
    {
        Set colinfo=$lb($lb("C1","10","C1"),$lb("C2","10","C2"),$lb("C3","10","C3"),$lb("C4","10","C4"))
        Set parminfo=$lb($lb("pCubeName","10"))
        Set idinfo=$lb(0,"")
        If extoption
        {
            Set extinfo=$lb("","")
        }
        Quit $$$OK
    }
}
```

```
Query MyCustomQueryCube(ByVal pCubeName As %Library.String) As %Query [ SqlProc, Sql
Name = "GetFeaturesFromCube" ]
{
}
}
```

I wonder if I am doing something wrong or if there is another way of doing this.

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Source URL: <https://community.intersystems.com/post/custom-query-returns-random-number-columns>