

## ???? ????SQL???

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?? · ?? 28, 2021



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## ???? ????SQL???

## ???? ????SQL???

### ??ObjectSelectMode = 1 Swizzling???????

????????ObjectSelectMode = 1????????????????????????????????????Swizzle????????????????????????????????Swizzle????????????????  
?????????????oref?????Get?????GetData????????????InterSystems  
IRIS????????????????????rset.Home??Swizzle????????????????rset.?GetData?2????not swizzled???

```

/// d ##class(PHA.TEST.SQL).PropSQL2()
ClassMethod PropSQL2()
{
    SET myquery = "SELECT TOP 5 Name,Home FROM Sample.Person"
    SET tStatement = ##class(%SQL.Statement).%New(0)
    SET tStatement.%ObjectSelectMode=1
    WRITE !,"set ObjectSelectMode=",tStatement.%ObjectSelectMode,!
    SET qStatus = tStatement.%Prepare(myquery)
    IF qStatus'=1 {
        WRITE "%Prepare failed:" DO $System.Status.DisplayError(qStatus) QUIT
    }
    SET rset = tStatement.%Execute()
    WHILE rset.%Next() {
        WRITE "Row count ",rset.%ROWCOUNT,!
        WRITE rset.Name
        WRITE " ",rset.Home,!
        WRITE rset.%GetData(1)
        WRITE " ",$LISTTOSTRING(rset.%GetData(2)),!!
    }
    WRITE !,"End of data"
    WRITE !,"Total row count=",rset.%ROWCOUNT
}

```

```

DHC-APP> d ##class(PHA.TEST.SQL).PropSQL2()

set ObjectSelectMode=1
Row count 1
yaoxin 5@Sample.Address
yaoxin 889 Clinton Drive,St Louis,WI,78672

Row count 2
xiaoli 5@Sample.Address
xiaoli

Row count 3

```







```

IF qStatus'=1 {
WRITE "%Prepare failed:" DO $System.Status.DisplayError(qStatus) QUIT
}
SET rset = tStatement.%Execute()
WHILE rset.%Next() {
WRITE "Years:",rset.%GetData(3)," Name:",rset.%GetData(1),!
}
WRITE "End of data"
WRITE !,"Total row count=",rset.%ROWCOUNT
}

```

```

java
DHC-APP>d ##class(PHA.TEST.SQL).PropSQL7()
Years:30 Name:yaoxin
Years: Name:xiaoli
Years:7 Name:??
Years:7 Name:??
Years:43 Name:??
End of data
Total row count=5

```

????????

```
CALL????????????????????????????????????????RSS??
```

```
?????????NextResult????????????????????
```

```

/// d ##class(PHA.TEST.SQL).PropSQL8()
ClassMethod PropSQL8()
{
SET mycall = "CALL Sample.CustomSets()"
SET rset = ##class(%SQL.Statement).%ExecDirect(,mycall)
IF rset.%SQLCODE'=0 {
WRITE !,"ExecDirect SQLCODE=",rset.%SQLCODE,!,"rset.%Message QUIT
}
SET rset1=rset.%NextResult()
DO rset1.%Display()
WRITE !,"End of 1st Result Set data",!!
SET rset2=rset.%NextResult()
DO rset2.%Display()
WRITE !,"End of 2nd Result Set data"
}

```

```

DHC-APP> d ##class(PHA.TEST.SQL).PropSQL8()
ID      Name      Street  City      State  Spouse
3      Davis,Robert I. 4177 Franklin Court    Fargo  WY      86
2      Hanson,Roberta O.      9840 Ash Drive  Boston  KS      155
4      Huff,Olga M.      1902 Franklin Avenue  Vail    DE      150
1      Woo,Jocelyn A.      9932 Clinton Avenue  Queensbury  NM      14
5      Zubik,George T. 8102 First Drive      Denver  VA      110

```

5 Rows(s) Affected  
End of 1st Result Set data

```
ID      Name      Street  City      State  Spouse
```

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5	Campos, Alvin N.	1847 Franklin Drive	Ukiah	WY	206	
1	Fripp, Kristen A.	1487 Ash Place	Islip	NC	133	
3	Jafari, Christen K.	7384 Washington Court	Newton	CO	168	
4	Kratzmann, Mark V.	9573 Second Blvd	Chicago	OR	43	
2	O'Donnell, George H.	3413 Main Drive	Newton	RI	143	
7	Ravazzolo, Danielle Y.	2898 Clinton Blvd	Tampa	HI	133	
10	Rodriguez, Sophia U.	4766 Clinton Avenue	Ukiah	AR	202	
6	Sverdlov, Phyllis J.	5010 Oak Place	Fargo	VT	214	
8	Uhles, Andrew O.	4931 Madison Street	Bensonhurst	IA	129	
9	Xerxes, Mo C.	49 Main Drive	Vail	CA	151	

10 Rows(s) Affected

End of 2nd Result Set data

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