

???? ??????SQL???

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[??](#) · ?? 22, 2021



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```

Class Sample.MyClass Extends %Persistent [DdlAllowed]
{
  ClassMethod NameInitial(Myval As %String) As %String [SqlProc]
  {
    &sql(SELECT Name INTO :n FROM Sample.Stuff WHERE Name %STARTSWITH :Myval)
    IF SQLCODE<0 {WRITE "SQLCODE error ",SQLCODE RETURN %msg}
    ELSEIF SQLCODE=100 {WRITE "Query returns no results" RETURN}
    WRITE "Hello " RETURN n
  }
  Method CountRows() As %Integer
  {
    &sql(SELECT COUNT(*) INTO :count FROM Sample.Stuff)
    IF SQLCODE<0 {WRITE "SQLCODE error ",SQLCODE RETURN %msg}
    ELSEIF SQLCODE=100 {WRITE "Query returns no results" RETURN}
    WRITE "Number of rows is " RETURN count
  }
}

```

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```
WRITE ##class(Sample.MyClass).NameInitial("G")
```

???????????

```
SET x=##class(Sample.MyClass).%New()
WRITE x.CountRows()
```

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?????????SQL?????SQL????????????????????????????????????SQL?????????????????

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- ??/compileembedded = 1????????SQL????
- ??\$SYSTEM.OBJ.GenerateEmbedded????????SQL???
- ??????SQL??“???”?????SQL???

??/compileembedded??????

?????\$SYSTEM.OBJ????????qspec?????/ compileembedded = 1????????SQL???

- \$SYSTEM.OBJ.Compile????????????????
- \$SYSTEM.OBJ.CompileList????????????????
- \$SYSTEM.OBJ.CompilePackage????????????????/???
- \$SYSTEM.OBJ.CompileAll????????????????/???
- \$SYSTEM.OBJ.CompileAllNamespaces????????????????/???

???qspec?????/compileembedded????????

DO \$SYSTEM.OBJ.ShowQualifiers()

??Show Plan???

???Management Portal SQL????????SQL????????????????????SQL????????SQL????????

?Management Portal System Explorer?????SQL?????Execute Query code???

1. ?????SQL?????SELECT Name INTO?n from Sample.MyTest?DECLARE MyCursor CURSOR FOR SELECT Name?Age INTO?n??a FROM Sample.MyTest?age> 21?????
2. ?????????????????????“???”????????????????????“???”??SQLCODE???????

?????????INTO???Show Plan?????????????????FETCH?????INTO?????INTO?????????????????Show Plan?????????

????“?”?????SQL???

????SQL

InterSystems IRIS?????SQL????????????????????SQL???

1. ?System /?SQL / EmbeddedStatement??
2. ?????SQL?????????#SQLCompile Audit?????????????????ON????????????????????SQL???

??“???”?????Embedded Statement????“???”????“???”SQL”??PID??ID????????????????SQL????????SQL SELECT???

??SQL????????????????????

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Published on InterSystems Developer Community (<https://community.intersystems.com>)

```
SELECT TOP :n Name,ColorPreference INTO :name,:color FROM Sample.Stuff WHERE Name %ST  
ARTSWITH :letter  
Parameter values:  
n=5  
letter="F"
```

InterSystems IRIS??????SQL??????= DynamicStatement???ODBC?JDBC??????= XDBCStatement??????

[#SQL](#) [#Caché](#) [#InterSystems IRIS](#) [#InterSystems IRIS for Health](#)

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