

InterSystems IRIS ????????

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[Toshihiko Minamoto](#) · 2020?9?30?



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InterSystems IRIS ????????

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InterSystems IRIS???? Cache?Ensemble?HealthShare??[???????](#)SQL ??? Object Script ??????????????????????
???????????????????? SQL
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???????????????????? SQL ? SELECT ???
?????????????????????Caché Object Script ???
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- ??? : [%SQLQuery](#)
- SQL ???
- ????????: SELECT
- ???
- ???
- ???
- ??????? ID ???
- ??????? SQL ???
- IMMEDIATE??
- ???
- ??????? SQL ???
- ???
- Caché Studio ???

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```

Class Sample.Person Extends %Persistent
{
Property Name As %String;
Property DOB As %Date;
Property SSN As %String;
Query ByName(name As %String = "") As %SQLQuery
    (ROWSPEC="ID:%Integer,Name:%String,DOB:%Date,SSN:%String",
    CONTAINID = 1, SELECTMODE = "RUNTIME",
    COMPILEMODE = "IMMEDIATE") [ SqlName = SP_Sample_By_Name, SqlProc ]
{
SELECT ID, Name, DOB, SSN
FROM Sample.Person
WHERE (Name %STARTSWITH :name)
ORDER BY Name

```

```
}
}
```

???????????? Caché Object Script ??????????????????

```
Set statement=##class(%SQL.Statement).%New()
Set status=statement.%PrepareClassQuery("Sample.Person","ByName")
If $$$ISERR(status) {
    Do $system.OBJ.DisplayError(status)
}
Set resultset=statement.%Execute("A")
While resultset.%Next() {
    Write !, resultset.%Get("Name")
}
```

????????????????????????????Func????????????????????????????????

```
Set resultset = ##class(Sample.Person).ByNameFunc("A")
While resultset.%Next() {
    Write !, resultset.%Get("Name")
}
```

????????SQL ??????????? 2 ?????????????????????

```
Call Sample.SP_Sample_By_Name('A')
Select * from Sample.SP_Sample_By_Name('A')
```

????????SAMPLES ?????? Caché ???

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- ????????????????????????????????? Caché Object Script
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- ????????????????? API????????????????????????????
- ???
- ???
- ????????????????????????????????? API ?????????????????
- ???
- ???

?? 4 ?????????????????????

- queryName — ?????????????????????????????????
- queryNameExecute — ????????????
- queryNameFetch — ?????????????????????????
- queryNameClose — ????????????

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queryName ????

[??????](#)

[???????????](#)

[?? SQL](#)

[?? SQL](#)

[%SQL.CustomResultSet](#)

[Utils.CustomQuery ???](#)

[Utils.CustomQueryRS ???](#)

????????????????? [Alexander Koblov](#) ????????

[#ObjectScript](#) [#SQL](#) [#???????????????](#) [#??????](#) [#??](#) [#Caché](#)
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???URL: <https://jp.community.intersystems.com/post/intersystems-iris-%E3%81%AE%E3%82%AF%E3%83%A9%E3%82%B9%E3%82%AF%E3%82%A8%E3%83%AA>