



## ?????

????????????SQL?????SQL Shell????????????????SQL Shell????????????SQL?????Executemode????????SQL shell????????????????Load Name????????SQL?????SQL Shell????????????????????????????????

??SQL?;????????????????????????????????????SQL?????SQL Shell????????????????????????????????????SQL???

??

## ???????Query

SQL shell?????????p??SQL Shell???????

\$SYSTEM.SQL.Purge()??

## ??SQL shell

- ???Management Portal??SQL Shell???
- ???SQL Shell?????SQL shell??SQL Shell?????SQL shell????????????????;????????????SQL shell?????

??????SQL Shell?????????shell?????????  
?????shell??

Select Mode

SQL Dialect (TSQL)

Schema Search Path

Result Column Alignment

Command Prefix (TSQL)

Result Output Display Mode

Display Path

Display File

# ???? ??SQL Shell??????

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????shell??

Display File Translate Table

Echo Mode

Execute Mode

Messages Mode

IF condition to allow execution

????TSQL????????SQL Shell??Sybase?MSSQL Transact-SQL???

## ??SQL Shell????????

????????????????SQL????SQL??SQL Shell????????SQL Shell????????????

??\*????????>??> SQL \*??SAVE????????????????

## ?SQL shell????

SQL Shell????????????????SQL Shell????????????????SQL Shell????SQL Shell????????????????  
InterSystems Iris????????;????Set Save????????????????

SQL shell set????????shell????????????????????????????????SQL Shell??????

```
[SQL]USER>>SET
```

```
commandprefix = ""  
dialect = IRIS  
displayfile =  
displaymode = currentdevice  
displaypath =  
displaytranslatetable =  
echo = on
```

# ???? ??SQL Shell??????

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```
executemode = immediate
log = off
messages = on
path = SQLUser
selectmode = logical
[SQL]USER>>
```

????????????????????set param????SET SelectMode??????????????

????SQL Shell Set????shell???? SQL Shell????????????????????;????SQL shell????????????????????????????????????

```
SET param value
SET param = value
```

??

SQL Shell Set Save????shell??SQL Shell????????????SQL Shell????????????????????????????????????SQL Shell????????????Set????????????SQL Shell???

SQL Shell Set Clear????????????????????????????????shell???????? Intersystems IRIS????????????????SQL Shell????????????????????????????????????SQL Shell???

????????????????????????SQL Shell Shell????????????????????????

## Setting COLALIGN

????Set Colalign????????????ResultSet????????????????????????

- ?????ResultSet??/????????????????????????????????????
- ???ResultSet??/????????????????????????????????????
- ???ResultSet??/??????????????????/????????????????????

## ??displaymode?displaytranslatetable

????Set DisplayMode????????????????????????????

```
DHC-APP>DO $SYSTEM.SQL.Shell()
SQL Command Line Shell
-----
```

```
The command prefix is currently set to: <<nothing>>.
Enter q to quit, ? for help.
DHC-APP>>SET DISPLAYMODE XML
```

```
displaymode = xml
DHC-APP>>
```

DisplayMode????CurrentDevice????TXT????????????????????????set displaymode = cur??CurrentDevice????

```
????????TXT?HTML?PDF?XML?CSV?
????????????????
InterSystems IRIS????????????????????????????????????????????????
```



???? ??SQL Shell?????

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C:\temp\mydir\myfile.xml  
C:\temp\mydir\myfileMessages.xml

??????DISPLAYFILE????DISPLAYPATH????Mgr\Temp\????InterSystems  
IRIS??(??C:\InterSystems\IRIS\Mgr\Temp)????????????

????????CurrentDevice????displayfile????????????????????????????????????displayfile????SQL  
shell????????????????????????????????

??displaymode??currentDevice??DisplayFile?DisplayPath?????

??executemode

SQL Shell????????SQL????????????Enter????????SQL????????????Enter????????SQL????????????

????????ExecuteMode????????ExecuteMode????ExecuteMode????????????????????

DHC-APP>>SET EXECUTEMODE DEFERRED

Executemode = deferred

????????SQL????????????????????????????????SQL????????????????????????Go?

??

DHC-APP>>SELECT TOP 5 Name,Home\_State FROM Sample.Person  
1. SELECT TOP 5 Name,Home\_State FROM Sample.Person

DHC-APP>>SAVE 5sample

...statement saved as: 5sample

DHC-APP>>SELECT TOP 5 Name,Home\_State FROM Sample.Person ORDER BY Home\_State  
2. SELECT TOP 5 Name,Home\_State FROM Sample.Person ORDER BY Home\_State

DHC-APP>>SAVE 5ordered

...statement saved as: 5ordered

DHC-APP>>SELECT Name,Home\_State FROM Sample.Person ORDER BY Home\_State  
3. SELECT Name,Home\_State FROM Sample.Person ORDER BY Home\_State

??SQL Shell????????????????

DHC-APP>>go

C:\InterSystems\Cache\mgr\Temp\ffQlXfFdbGnOxA.xml  
Messages.xml

statement prepare time(s)/globals/lines/disk: 0.0526s/45464/263430/5ms

execute time(s)/globals/lines/disk: 0.2948s/153553/1042318/75ms

## Setting ECHO

????Set Echo????????????SQL Shell????SET Echo = OFF??

DHC-APP>>set echo=off

echo = off

DHC-APP>>SELECT Name, Age FROM Sample.Person  
4. SELECT Name, Age FROM Sample.Person

????SET Echo = ON??

DHC-APP>>set echo=on

echo = on

DHC-APP>>SELECT Name, Age FROM Sample.Person  
5. SELECT Name, Age FROM Sample.Person

DHC-APP>>go

C:\InterSystems\Cache\mgr\Temp\LVZpPffjfxXXJBg.xml

Messages.xml

statement prepare time(s)/globals/lines/disk: 0.0001s/5/187/0ms

execute time(s)/globals/lines/disk: 0.1613s/152365/1040157/0ms

SET Echo??displaymode = currentDevice?????????????

SET ECHO?SET MESSAGES????????????;

????????????????????

??SET MESSAGES=OFF?SET ECHO=OFF??

## Setting MESSAGES

????SET MESSAGES????????????????(?????)????????(?????):

- ??????????:????SET MESSAGES=OFF????????????????

????SET MESSAGES=ON(????)?????????????????:error #5540: SQLCODE: -30 message: Table 'SAMPLE?

????????????

- ??????????:????SET MESSAGES=OFF????????????????n??

????SET MESSAGES=ON(????)????????????n?(s?)????????????????????????????????

????????????(?????)????????????????????(?????)????

??DISPLAYMODE????SET MESSAGES=ON????????

??DISPLAYMODE????????????????????

????????????????set messages =ON????????????????

```
???????echo?????????;?????????????????SET MESSAGENT = OFF?SET ECHO =
OFF????????????????????????????????????????????????????????
```

## Setting LOG

```
?????Set?????????SQL Shell?????????????????
- SET LOG OFF: ???? Intersystems IRIS?????SQL Shell?????
- SET LOG ON: Intersystems Iris?SQL Shell?????????????
- SET LOG pathname: Intersystems Iris?SQL Shell?????Pathname?????

SET LOG ON?IRIS\mgr\namespace?????????????namespace?????????????
?????????????xsqInnnn?
??nnnn?????????ID (pid)??
```

```
?????????????
?????????SET log OFF?????????????
??LOG ON?????????????
?????:?????????????????????
??LOG ON?????????????
?????????????????????????????SET log pathname?
```

```
?????????????????SQL Shell?????;?????SQL Shell????? SQL Shell
Log?????SQL?????SQL?????SQL?????????SQL????????? SQL Shell?????????????

?????????????????"?"?????????????????????????????????????????????
```

## Setting PATH

```
?????SET?????????Schema Search Path?SQL?????????????????????????????????????????????????????????????????
```

```
DHC-APP>>SET PATH cinema,sample,user

path = cinema,sample,user
```

```
?????????????????????????????????????????????????????????????????
?????SET?????????????????????????SQL Shell?????????????????
```

## Setting SELECTMODE

```
?????SetSeliteMode?????????????????

DHC-APP>>SET SELECTMODE DISPLAY

selectmode = display
```

```
?????????????ODBC?????????????????????SETELESMODE?????

DHC-APP>>SET SELECTMODE logical
```



