

文章

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FAQ 常见问题系列--系统管理篇

如何使用命令在Journal日志文件中搜索指定的Global

可以使用%SYS.Journal.File类中的ByTimeReverseOrder查询，以及%SYS.Journal.Record类中的List查询来实现。

下面是这两个查询的具体作用：

A) %SYS.Journal.File类中的ByTimeReverseOrder查询
这个查询会获取journal日志文件名并按降序排列

```
USER>set rs=##class(%ResultSet).%New( "%SYS.Journal.File:ByTimeReverseOrder" )  
  
USER>do rs.Execute()  
  
USER>while rs.Next() { write rs.Name,! }  
c:\intersystems\cache\mgr\journal\20190620.003  
c:\intersystems\cache\mgr\journal\20190620.002  
c:\intersystems\cache\mgr\journal\20190620.001  
c:\intersystems\cache\mgr\journal\20190610.001
```

B) %SYS.Journal.Record类中的List查询
这个查询可以从指定journal日志文件中获取日志记录

```
USER>set rs2=##class(%ResultSet).%New( "%SYS.Journal.Record>List" )  
  
USER>do rs2.Execute( "c:\intersystems\cache\mgr\journal\20190620.003" )  
  
USER>while rs2.Next() { if rs2.Get("GlobalReference")[ "TEST" write rs2.Get("GlobalReference"),! ]  
^["^c:\intersystems\cache\mgr\user\"]TEST(1)  
.....  
^["^c:\intersystems\cache\mgr\user\"]TEST(9)  
^["^c:\intersystems\cache\mgr\user\"]TEST(10)
```

这里我们可以把从A查询获得的结果传到B查询里。如果想了解从B查询里还能获得哪些字段的内容，请参考文档里的%SYS.Journal.Record类定义

下面是一个把A和B查询合并在一起的例子：

```
///?? globalname: ?????Global??(???^)  
ClassMethod SearchAllJournals(globalname As %String)  
{  
  if $get(globalname)="" {  
    write "???Global??",!  
    quit  
  }  
  //?????journal?????????global
```

```
set rs1=##class(%ResultSet).%New()
set rs1.ClassName="%SYS.Journal.File"
set rs1.QueryName="ByTimeReverseOrder"
do rs1.%Execute()
while rs1.%Next() {
    set jrnfile=rs1.%Get("Name")
    set size=rs1.%Get("Size")
    write "Journal file:",jrnfile,!," File size:",size/1024/1024," MB",!
    do ..SearchGlobal(globalname,jrnfile)
}
do rs1.Close()
}

///????? globalname: ????Global??(??^)
///????? jrnfile: ???journal?????(????)
ClassMethod SearchGlobal(globalname As %String, jrnfile As %String)
{
set rs1=##class(%ResultSet).%New()
set rs1.ClassName="%SYS.Journal.Record"
set rs1.QueryName="List"

//??journal????????Global
do rs1.%Execute(jrnfile,"GlobalReference",newValue,,,,$lb("GlobalReference","[",globalname))

while rs1.%Next() {
    set glo=rs1.%Get("GlobalReference")
    write " ",glo," = ",rs1.%Get("newValue"),!
}
do rs1.Close()
}
```

#ObjectScript #日志 #Caché #Ensemble #InterSystems IRIS #InterSystems IRIS for Health

源

URL:

<https://cn.community.intersystems.com/post/faq-%E5%B8%B8%E8%A7%81%E9%97%AE%E9%A2%98%E7%B3%BB%E5%88%97-%E7%B3%BB%E7%BB%9F%E7%AE%A1%E7%90%86%E7%AF%87-%E5%A6%82%E4%BD%95%E4%BD%BF%E7%94%A8%E5%91%BD%E4%BB%A4%E5%9C%A8journal%E6%97%A5%E5%BF%97%E6%96%87%E4%BB%B6%E4%B8%AD%E6%90%9C%E7%B4%A2%E6%8C%87%E5%AE%9A%E7%9A%84global>