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[Hao Ma](#) · ?? 10  ????? 7 ??

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?? Caché ? InterSystems IRIS ???  
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global ?????????????????????? global ?????????????????????????????????  
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- 1.???? Linux ?????????????????????? I/O ?????
- 2.??? global ?????? ?????????????????????????????  
8????? Linux ?????? I/O ?? 1?? 20  
???????????????????????????????????? 8????? 5 ????????????????????????? (5\*8/2=20)?
- 3.?? SetAsyncReadBuffers?  
??
- 4.????????????????????????? global ??? SetAsyncReadBuffers?

??????????

??? API ?????????????????????????????????? global  
????????? global ??????????????????Caché 2018.1 ?????????????????? global ???????

????????????? API ? **CheckList^Integrity**??????????????? ?? ?????????????? global ???? Display^Integrity ????  
????? 5 ????? 3 ?????????? ?????????????????????????????

```
set dblist=$listbuild("/data/db1/", "/data/db2/", "/data/db3/")
set sc=$$CheckList^Integrity(,dblist,,,5)
do Display^Integrity()
kill ^IRIS.TempIntegrityOutput(+$job)
```

```
/* Note: evaluating 'sc' above isn't needed just to display the results, but...
$system.Status.IsOK(sc) - ran successfully and found no errors
$system.Status.GetErrorCodes(sc)=$$ERRORCODE($$IntegrityCheckErrors) // 267
- ran successfully, but found errors.
Else - a problem may have prevented some portion from running, 'sc' may have
multiple error codes, one of which may be $$IntegrityCheckErrors. */
```

????? CheckList^Integrity ?????????????????????? ??\*

????????????????????????? ^INTEGRIT ? ^Integrity ?? Silent^Integrity????????????????????  
??? global ??????????????????

## ?? I/O

????????? global ?????????????????????????????????????? ?????? I/O  
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? Linux ????? I/O ????? I/O ????????? InterSystems IRIS 2020.3 ?????????????? I/O? ????? Linux ?????????????????  
???????? Cache 2018.1?IRIS 2019.1 ?????????????? I/O????? .cpf ??? [config] ????? wduseasyncio=1?????????  
????????????????????? I/O ?????????? Caché 2015.2 ??? Linux ?????????????? ??????????????????????global  
????????????????????? I/O ?????????? Linux????????? ??????????????????????????????????

???????????????????????????????? 8? ????????????????????????????????? – ????????????????????????????????? ????

- ?????????????????????? ???
- ?????????????????????? ???

?? %SYS ?????????????? do SetAsyncReadBuffers^Integrity(value)? ????????? write  
\$\$GetAsyncReadBuffers^Integrity() ????????? global ??? ?? SYSTEM^%ZSTART  
??

??  
64KB???? 1 ?? 64KB?4 ?? 256KB ?????????????????????????? 1 (64KB)? ??? ^Integrity ??????????????????  
SetAsyncReadBufferSize ? GetAsyncReadBufferSize?

## ????????

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\* ?????????????????? SYS.Database ? IntegrityCheck ????????????????? CPU ??? global ?????????????????????????????????  
?? global????????????????????????????

[#?? #???? #Caché #InterSystems IRIS](#)  
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