
Question

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Speeding up \$listget

Hi,

I'm trying to find the faster way to get the data from a class, and I find it very slow compared to traditional globals. So, I hope some of you can bring some light to me :-)

I have thousands of registers in a class, and to access it quickly I'm going with \$o at the index. From there, I get the values using \$listget(). Something like that:

```
s FromDateH = (+$h-1)
for {
set id=$order(^TestI("StartDateIDX",FromDateH,id))
quit:id=""
set dat=$lg(^TestD(id)) //dat=$lb("a","b","c","d","e")
}
```

I find it quite slow, so I've tried the same code but changing the contents of ^TEST from a List to a String:

```
s FromDateH = (+$h-1)
for {
set id=$order(^TESTINDEX("StartDateIDX",FromDateH,id))
quit:id=""
set dat=$g(^TEST2(id)) //dat = "a#b#c#d#e"
}
```

I find that getting the data from a String (like "a#b#c#d#e") is 4 to 5 times faster than getting it from a List (like \$lb("a","b","c","d","e")). When you are managing a few records it may not make a difference but in my case it's having a huge impact.

Does anyone know how can I speed up the \$listget() so the performance is similar as the old fashioned MUMPS way to get the string separated values?

Cheers! :-)

[#Performance](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/speeding-listget>