
Subject: Re: IDL_IDLBridge GetVar vs. Shared Memory
Posted by [Richard French](#) on Wed, 06 Dec 2006 00:40:05 GMT
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Timing results with Intel Mac 3 GHz, 8 GB RAM:

```
IDL> print,!version  
{ i386 darwin unix Mac OS X 6.3 Jun 27 2006    32    64}
```

```
IDL> shmvsetvar
```

Testing with byte array of size: 10

SHM: 0.000 s

SHM+Cleanup:0.000 s

GetVar: 0.000 s

Testing with byte array of size: 1E7

SHM: 0.016 s

SHM+Cleanup:0.019 s

GetVar: 0.125 s

Testing with byte array of size: [10,1E6]

SHM: 0.030 s

SHM+Cleanup:0.032 s

GetVar: 0.126 s

Testing with byte array of size: [1E6,10]

SHM: 0.017 s

SHM+Cleanup:0.020 s

GetVar: 0.128 s

Testing with byte array of size: [1E4,1E3]

SHM: 0.015 s

SHM+Cleanup:0.018 s

GetVar: 0.128 s

Testing with byte array of size: [1E2,1E2,1E3]

SHM: 0.016 s

SHM+Cleanup:0.019 s

GetVar: 0.130 s

Testing with byte array of size: 1E8

SHM: 0.159 s

SHM+Cleanup:0.177 s

GetVar: 1.225 s

Testing with byte array of size: [10,1E7]

SHM: 0.278 s

SHM+Cleanup:0.296 s

GetVar: 1.259 s

Testing with byte array of size: [1E7,10]

SHM: 0.156 s

SHM+Cleanup:0.195 s

GetVar: 1.247 s

Testing with byte array of size: [1E4,1E4]

SHM: 0.138 s
SHM+Cleanup:0.157 s
GetVar: 1.257 s
Testing with byte array of size: [1E3,1E2,1E3]
SHM: 0.141 s
SHM+Cleanup:0.162 s
GetVar: 1.240 s
Testing with byte array of size: [1E2,1E2,1E2,1E2]
SHM: 0.152 s
SHM+Cleanup:0.172 s
GetVar: 1.241 s
IDL>
