
Subject: Re: IDL8 memory allocation
Posted by [Scott\[1\]](#) on Tue, 07 Sep 2010 16:57:56 GMT
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Assuming you are on a 32-bit platform, the issue here is there is too much RAM allocated to the JVM to run the workbench and not enough for IDL. To increase the memory available to IDL, navigate to the idlde.ini file in the bin/bin.<arch> folder (a peer to the idlde executable). That file should look like this:

```
-vm
{VM_DIR}
-vmargs
-Xms256M
-Xmx768M
-XX:MaxPermSize=128m
```

Change it to look like this and restart the workbench:

```
-vm
{VM_DIR}
-vmargs
-Xms128M
-Xmx128M
```

where {VM_DIR} is the path to the JVM (should not change). This issue is fixed in 8.0.1.

Cheers,
Scott

Subject: Re: IDL8 memory allocation
Posted by [TFE](#) on Tue, 07 Sep 2010 17:09:32 GMT
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Hi Scott,
great - thanks much!

> Assuming you are on a 32-bit platform, the issue here is there is too
> much RAM allocated to the JVM to run the workbench and not enough for
> IDL. To increase the memory available to IDL, navigate to the
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> Cheers,
> Scott

Subject: Re: IDL8 memory allocation
Posted by [TFE](#) on Tue, 07 Sep 2010 18:00:55 GMT
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Scott,
operations on the IDL8 array still fragile compared to IDL7.1
IDL> data = LONARR(10000, 10000)
IDL> help, data
DATA LONG = Array[10000, 10000]
IDL> help, data[2:*,*]
% Unable to allocate memory: to make array.
 Not enough space
% Execution halted at: \$MAIN\$

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