
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: $MAIN$
```

> 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
