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Subject: Memory management

Posted by [isaacman](#) on Fri, 12 Jun 1992 13:14:00 GMT

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There seems to be some peculiarity in the way IDL does its memory management in the TRANSPOSE function. Running on a VAXstation 3100/76, the following statements cause the process to hang:

```
IDL> A = FINDGEN(3,200000)
```

```
IDL> A = TRANSPOSE(A)
```

The problem can be made to disappear as the array size is made smaller, presumably depending on one's page file quota and so forth. (On our system, using `A = FINDGEN(3,100000)` works fine.)

The problem is definitely in IDL and not in the system: when we LINKIMAGE a functionally-equivalent transpose function written in C, it works fine with the large array.

Anybody have any ideas about this?

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