
Subject: Help Large_array

Posted by [wx_f](#) on Mon, 19 Feb 2007 21:49:01 GMT

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```
IDL> b=dblarr(36000,500,25)
% Array has too many elements.
% Execution halted at: $MAIN$
IDL> print,memory()
733498 41843 41483 769514
IDL> b=dblarr(20000,500,25)
IDL> help,b
B  DOUBLE   = Array[20000, 500, 25]
IDL> print,memory()
2000733631 41848 41484 2000733631
=====
```

```
[root@localhost wxf]# free -m
      total used free shared buffers cached
Mem:  1011 1008  2  0  1    45
-/+ buffers
/cache:    961  49
Swap: 8809 1211 7597
=====
```

```
[root@localhost wxf]# cat /proc/swaps
Filename Type      Size      Used Priority
/dev/hda7 partition 514040    514040 -1
/dev/hda9 partition 8506376(!!) 726310 -2
=====
```

First step:

I need to build a `ut=dblarr(36000,500,25)` in IDL's `pro---sfit.pro`.

And then continue:

```
=====
;kk = invert(ut#transpose(ut))#ut ==>
kk=transpose(ut)
kk=ut#temporary(kk)
kk=invert(temporary(kk))
kk=temporary(kk)#ut

kx=float(temporary(kk)#reform(irreg?zz:z,m,1))
if max_deg eq 0 then kx = reform(kx, degree+1, degree+1)
return, irreg ? reform(reform(kx,n2) # ut, m):
reform(reform(kx,n2) # ut, nx, ny)
=====
```

Who can help me?

Under Mark's help, I already changed my swap. But it seems that IDL does not see `/dev/hda9` having enough space and gives up its working.

my email:

Subject: Re: Help Large_array

Posted by [linglimu](#) on Sat, 24 Mar 2007 05:22:18 GMT

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> my email:
> w...@bao.ac.cn
