
Subject: Re: Help Large_array

Posted by [linglimu](#) on Sat, 24 Mar 2007 05:22:18 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:
> w...@bao.ac.cn
