
Subject: Huge datasets under Win2000

Posted by [Joe Means](#) on Wed, 04 Jul 2001 16:24:48 GMT

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I have to read in over 13,000,000 observations [eventually over 33,000,000] with the structure

```
dataShort = {dataShort, returnNum:0L, x:0D,y:0D,z:0D}
```

At first, either when reading in or processing, I ran out of memory with a message about IDL not being able to allocate memory to make the array. So I read this into an Assoc variable which works fine. Now, however, when I try to access parts of this data [dataS is the Associated structure array]:

```
datSvX = (dataS.y-yll)/cellsize
```

I get the error:

```
% File expression not allowed in this context: DATAS.
```

Any suggestions would be appreciated. It appears to me that Eric Korpela's VARRAY referred to in a thread earlier this week will not work on Win2000 Intel machines. I run Win2000 on a PC with 1Gb RAM and lots of hard disk space.

--

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Subject: Re: Huge datasets under Win2000

Posted by [korpela](#) on Wed, 18 Jul 2001 16:59:09 GMT

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In article <3B434350.8020604@orst.edu>, Joe Means <joe.means@orst.edu> wrote:

> Any suggestions would be appreciated. It appears to me that Eric
> Korpela's VARRAY referred to in a thread earlier this week will not work
> on Win2000 Intel machines. I run Win2000 on a PC with 1Gb RAM and lots
> of hard disk space.

If I ever get access to a Wintel machine running IDL, I'll fix that. I'm still living in a Unix world, thank Ritchie.

Eric

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Eric Korpela | An object at rest can never be
korpela@ssl.berkeley.edu | stopped.

[Click for home page.](http://setiathome.ssl.berkeley.edu/~korpela)
