
Subject: Re: Array has too many elements?

Posted by [Jonathan Greenberg](#) on Fri, 19 Dec 2003 08:51:29 GMT

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Followup question -- I've now come across a lot of discussion about windows boxes and memory problems under IDL (David Fanning, that's a terrific website you have (<http://www.dfanning.com/>)-- wish I had found it a few weeks ago!). Do these problems simply not exist on UNIX boxes (given ample amount of RAM + pagefile space)? I reprogrammed a slow but memory conservative version of this algorithm I'm working on using a bunch of for-next loops -- after all the discussion I've been seeing about how for-next loops stink, I recoded the algorithm using mostly matrix calls -- but of course I need more memory to do these, hence the array has too many elements error. I'm tempted to switch over to a slower UNIX box if this memory problem won't show up... thoughts?

--j

"Jonathan Greenberg" <greenberg@ucdavis.edu> wrote in message [news:amyEb.209\\$X6.10@newssvr29.news.prodigy.com](mailto:news:amyEb.209$X6.10@newssvr29.news.prodigy.com)...

> Is there some intrinsic limitation in how big an array can get in IDL?

The

> one in question was a fltarr of 170 x ~ 4,000,000 which gave me the "Array
> has too many elements." error. I have about 2gb of memory on my machine,
> and a 2 gb pagefile. Did I simply run out of memory, or is there
something

> else going on here?

>

> --j

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