
Subject: Re: Large array memory problem.
Posted by [Paolo Grigis](#) on Tue, 22 Nov 2005 13:34:20 GMT
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Is this on windows? There was a thread here dealing about memory fragmentation etc. some time ago, if I remember correctly the conclusion was that there is not so much one can do in windows, but a few tricks could help a bit, and that linux manages the memory better. But anyway with idl 6.0 or less there is no chance to allocate a very large array because of the "array has too many elements" limit anyway.

Can you allocate two double (real) array instead of a complex one?

Ciao,
Paolo

Carolina wrote:

> Hi,
>
> I am running IDL 5.5 in a computer that has 2GB of RAM and a paging
> file size of 4GB. However it seems that IDL will not give more than
> about 1.2GB for array storage per IDL session. Unfortunately, I need to
> do an array multiplication where the arrays are double precision
> complex 11000 by 11000 square arrays, and IDL will not even give me
> enough memory for a single dcomplexarr(6500,6500) array!
>
> Am I being too ambitious? Could anyone please tell me if it is possible
> to store such a large array?
>
> I though IDL was the best language for large array manipulations, is it
> true? or are there other languages that are better suited for this?
>
> Many thanks for your time,
>
> Carolina.
>