Subject: Re: Help Large_array
Posted by JD Smith on Tue, 20 Feb 2007 17:27:03 GMT

On Tue, 20 Feb 2007 12:15:07 +0000, Nigel Wade wrote:

>> b) What's the solution to the operation of large array once and for
>> all(I mean by software not changing hardware)?
>
> There is no solution if your hardware is 32bit. You need 64bit hardware, a 64bit
> OS and a 64bit version of IDL if you want to use arrays of that size.

Or you need to reconsider your methods to use only as much memory as your
system can support at a given time, working on data in chunks. ASSOC is
one (limited) IDL method for doing this, but there are others. It also
really helps if you layout your data such that the pieces which are needed
for a given calculation are nearby each other in memory.

JD