
Subject: Re: memory issues redux

Posted by [marc schellens\[1\]](#) on Tue, 16 Nov 2004 07:33:46 GMT

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> 3) how are idl memory limitations under linux? Is it limited to 2gb, or
> could
> one access more memory than that? I am interested in both (maximum array
> size, and total memory available), if I could have 2 arrays of 1.3gb each,
> that
> would be awesome!
> One option I have is installing linux on this computer and dual booting,
> and perhaps I could do
> some tests on some of the other linux boxes around.
>
> Cheers,
> bob stockwell

A quick check here revealed, that IDL 6.0 und linux
(older Redhat, 2.4 kernel) IS limited to 2GB,
ie.

```
a=bytarr(1024,1024,2010)
```

works

```
a=bytarr(1024,1024,2020)
```

doesn't

And:

```
IDL> a=bytarr(1024,1024,1300)
```

```
IDL> b=bytarr(1024,1024,1300)
```

% Unable to allocate memory: to make array.

Cannot allocate memory

% Execution halted at: \$MAIN\$

HDH,

marc
