
Subject: Re: Random 'Unable to allocate memory' error
Posted by [Paul Van Delst\[1\]](#) on Wed, 14 Oct 2015 14:59:30 GMT
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Hello,

On 10/14/15 07:15, Haje Korth wrote:

> Hm, I thought you could indeed be suffering from memory
> fragmentation,
> but I thought this is only a windows issue. Since you are on linux, you
> should be automatically using 64 bit as the 32 bit version is no longer
> included in recent releases. In this case, I really don't know what
> causes your issue. I would check with support.

This is probably unrelated, but I experienced a similar issue recently.

In my case it was because I was attempting to do some IDL processing on a frontend (or login) node of the supercomputer I was using. That is (somehow) restricted by the system setup. I'm guessing everything was working fine until I passed some memory usage limit or there were too many other folks on the login node - I was not doing anything too complicated or big.

When I started an interactive job on a compute node the 'Unable to allocate memory' error went away. (Aside: The sysdocs said to run IDL, a whole node should be taken! I guess memory management is an issue in general with IDL.)

So, if the OP is using IDL on a shared system (s/he did say "server" so...other users?) maybe the other users are requesting enough resources to make the OP's script run out of available memory in a seemingly random way?

(I'm waving my hands about in the air trying to make the scenario seem reasonable :o)

cheers,

paulv

>
> On Wednesday, October 14, 2015 at 3:44:35 AM UTC-4, Kai Heckel wrote:
>> Am Dienstag, 13. Oktober 2015 20:11:47 UTC+2 schrieb Haje Korth:
>>> I assume this is Windows OS. Did you try the 64-bit version of IDL?
>>>
>>> On Tuesday, October 13, 2015 at 9:43:42 AM UTC-4, Kai Heckel
>>> wrote:

```
>>>> Hello everyone!
>>>>
>>>> I am currently processing a time series. For some reasons the
>>>> 'Unable to allocate memory' error occurs sometimes. I don't know the
>>>> reasons as the appearance ist not systematic. Sometimes the error occurs
>>>> sometime not. I can say that is not file specific.
>>>>
>>>> Any Ideas?
>>>>
>>>> Thanks,
>>>> Kai
>>
>>
>> Thanks for your suggestions so far!
>>
>> I am processing on a linux server. So it shouldn't be anything Windows related.
>
```
