Posted by Liam Gumley on Thu, 03 Apr 1997 08:00:00 GMT
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I'm looking into buying a laptop which to run IDL under Linux. Does
anyone have a recommendation on the amount of memory I should get? I'm
thinking that at least 64 MB would be appropriate.

Cheers,
Liam.

Subject: RE: Memory needed for IDL/Linux?
Posted by mallozzi on Fri, 04 Apr 1997 08:00:00 GMT
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> I'm looking into buying a laptop which to run IDL under Linux. Does
> anyone have a recommendation on the amount of memory I should get? I'm
> thinking that at least 64 MB would be appropriate.

I am running kernel 2.0.27 / idl5.0 beta with 32 megs, and the machine
swaps a little bit, especially if netscape is running, but it does
very good with 32 megs. 64 should do fine, but of course you should always
get the maximum you can :-)

-bob

Subject: Re: Memory needed for IDL/Linux?
Posted by David Foster on Tue, 08 Apr 1997 07:00:00 GMT
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Peter Suetterlin wrote:
>
> In article <3343F961.5F09@ssec.wisc.edu>,
>   Liam Gumley <liam.gumley@ssec.wisc.edu> writes:
>> I'm looking into buying a laptop which to run IDL under Linux. Does
>> anyone have a recommendation on the amount of memory I should get? I'm
>> thinking that at least 64 MB would be appropriate.
>>

I thought this would be a good time to point out something that
really suprised me...IDL 4.0.1 on a Sun under Solaris 2.5 took
approximately 7MB of memory when started. IDL 5.0b takes 13MB!!
Inflation I guess.

Dave

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  David S. Foster       Univ. of California, San Diego
   Programmer/Analyst    Brain Image Analysis Laboratory
  foster@bial1.ucsd.edu  Department of Psychiatry
   (619) 622-5892        8950 Via La Jolla Drive, Suite 2200
                 La Jolla, CA  92037
                 [ UCSD Mail Code 0949 ]
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Subject: Re: Memory needed for IDL/Linux?
Posted by Mark Hadfield on Wed, 09 Apr 1997 07:00:00 GMT
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David Foster <foster@bial1.ucsd.edu> wrote in article
<334AAE80.1E04@bial1.ucsd.edu>...
> ...
>
> I thought this would be a good time to point out something that
> really suprised me...IDL 4.0.1 on a Sun under Solaris 2.5 took
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>
> Dave

I don't want to start a platform war or anything, but I've noticed that IDL
on Windows NT doesn't use much memory when it starts up - around 3 MB for
5.0b. What on earth does IDL use all that memory for on Solaris?

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============================================================ ==
 Mark Hadfield                NIWA (Taihoro Nukurangi)
                   PO Box 14-901
 m.hadfield@niwa.cri.nz        Wellington, New Zealand
```

Subject: Re: Memory needed for IDL/Linux?
Posted by pit on Wed, 09 Apr 1997 07:00:00 GMT
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In article <334AAE80.1E04@bial1.ucsd.edu>,
 David Foster <foster@bial1.ucsd.edu> writes:

> I thought this would be a good time to point out something that
> really suprised me...IDL 4.0.1 on a Sun under Solaris 2.5 took

> approximately 7MB of memory when started. IDL 5.0b takes 13MB!!
> Inflation I guess.

That also depends on what routines etc. you precompile on startup.
However, on Linux it's approx. 5MB on startup.
And the size of 5.0b is definitely a vote against it, at least for me.

  Peter

--
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Peter "Pit" Suetterlin   http://www.uni-sw.gwdg.de/~pit
Universitaets-Sternwarte Goettingen
Tel.: +49 551 39-5048   pit@uni-sw.gwdg.de
 -- * -- * ...-- * -- * ...-- * -- * ...-- * -- * ...-- * -- * ...-- * --
Come and see the stars!   http://www.kis.uni-freiburg.de/~ps/SFB
Sternfreunde Breisgau e.V.   Tel.: +49 7641 3492
 _____ _____

Subject: Re: Memory needed for IDL/Linux?
Posted by kak on Thu, 10 Apr 1997 07:00:00 GMT
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thompson@orpheus.nascom.nasa.gov (William Thompson) writes:

> "Mark Hadfield" <m.hadfield@niwa.cri.nz> writes:

>> David Foster <foster@bial1.ucsd.edu> wrote in article

>> I don't want to start a platform war or anything, but I've noticed that IDL
>> on Windows NT doesn't use much memory when it starts up - around 3 MB for
>> 5.0b. What on earth does IDL use all that memory for on Solaris?

> I'm not sure about the situation via Windows NT versus Solaris, but I have
> noticed this sort of behavior on simple routines that were compiled on
> different platforms. It may have more to do with the platform's compiler than
> it does with IDL.

In the Solaris case, the 7MB total size is right, but the size in
physical memory (resident stack size) is 2.8MB. What size is given
by the WinNT output? Perhaps it does not include the pages in the
swap file?

Karl
--
IPP, PO Box 1533 | Phone: +49-89-3299-1655 | E-Mail:

Subject: Re: Memory needed for IDL/Linux?
Posted by thompson on Thu, 10 Apr 1997 07:00:00 GMT
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"Mark Hadfield" <m.hadfield@niwa.cri.nz> writes:

> David Foster <foster@bial1.ucsd.edu> wrote in article
> <334AAE80.1E04@bial1.ucsd.edu>...
>> ...
>>
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it does with IDL.

Just my $0.02 worth,

Bill Thompson