
Subject: Re: paste into unix IDL slow?

Posted by [Craig Markwardt](#) on Thu, 11 Jul 2002 06:09:14 GMT

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mperrin+news@arkham.berkeley.edu (Marshall Perrin) writes:

> I'm using IDL on Solaris. If I highlight text in another window and then
> middle-click on my IDL terminal, the text pastes in v-e-r-y s-l-o-w-l-y.
> As in, up to 5 seconds to paste in one 80-character line. This makes
> using IDL interactively somewhat of a drag...

Marshall, does this only happen when you are pasting into an IDL session that has other widgets or direct graphics windows open? I get this when I am logged in from home on a slow 56k modem. Apparently, when any windows are on the screen, IDL has a different input loop which involves a lot of hidden communication back and forth over your session link.

Quick workarounds:

- * wiggle your mouse on an IDL window while pasting
- * close the window while pasting

Unfortunately it also makes emacs's idlwave mode close to useless over slow remote links.

Good luck in any case!

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: paste into unix IDL slow?

Posted by [mperrin+news](#) on Thu, 11 Jul 2002 07:36:07 GMT

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Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote:

> Marshall, does this only happen when you are pasting into an IDL
> session that has other widgets or direct graphics windows open?

Ha, yes! This precisely. I'd never noticed that correlation before, but it does seem to hold 100% in the tests I've just done.

> I get
> this when I am logged in from home on a slow 56k modem. Apparently,

- > when any windows are on the screen, IDL has a different input loop
- > which involves a lot of hidden communication back and forth over your
- > session link.

You only see this over a modem? Hrm. I see it while at work, sshed from the slow ultra 1 on my desk to the huge beast in the basement with the gigs of RAM, over what I *think* is 100 base T. At the very least it's 10.

Hmm. I wonder if it's related to the fact that I have
Device, Retain=2
in my .idlstartup. I'll try again tomorrow with that line commented out
and see if that speeds things up over the local LAN.

- > * wiggle your mouse on an IDL window while pasting
This makes it somewhat faster, but still slow, at least over the
1.5Mbs DSL line I have at home. I routinely get 800 kbps file transfers to
my office, so the net is fast enough to past a line of text faster
than a few characters per second...
- > * close the window while pasting
as in fact this demonstrates, by making pastes of several pages of text
nearly instantaneous when no windows are open.

Interesting. Do you know if RSI is aware of this issue? (Not that it's
necessarily of tremendous priority, but it is quite the annoyance.)
In any case, I can work around it for now with windows closed when
possible. Thanks.

- Marshall

Subject: Re: paste into unix IDL slow?
Posted by [wmconnolley](#) on Thu, 11 Jul 2002 10:01:17 GMT
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Marshall Perrin <mperrin+news@arkham.berkeley.edu> wrote:
> I'm using IDL on Solaris. If I highlight text in another window and then
> middle-click on my IDL terminal, the text pastes in v-e-r-y s-l-o-w-l-y.
> As in, up to 5 seconds to paste in one 80-character line. This makes
> using IDL interactively somewhat of a drag...

Not quite the same thing, but while paste is under discussion, I have a feature
(under { alpha OSF unix 5.4 Sep 25 2000 64 64}) that if I paste in too
many lines from elsewhere (maybe more than 4-8) the first few get pasted
in (fast) then the terminal locks up and will never recover. Anyone else have that?

-W.

--

Subject: Re: paste into unix IDL slow?

Posted by [James Kuyper](#) on Thu, 11 Jul 2002 12:57:25 GMT

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Marshall Perrin wrote:

>
> Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote:
>> Marshall, does this only happen when you are pasting into an IDL
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>
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> it does seem to hold 100% in the tests I've just done.
>
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>> this when I am logged in from home on a slow 56k modem. Apparently,
>> when any windows are on the screen, IDL has a different input loop
>> which involves a lot of hidden communication back and forth over your
>> session link.
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> You only see this over a modem? Hrm. I see it while at work, sshed from the
> slow ultra 1 on my desk to the huge beast in the basement with the
> gigs of RAM, over what I *think* is 100 base T. At the very least it's 10.

I see the same thing over an ssh link from my Linux desktop machine to a big, nearby SGI machine. I don't know the details of the network connection, but it should be adequate; I only see problems like this with IDL, and not with any of the other comparable programs I use.

Subject: Re: paste into unix IDL slow?

Posted by [Craig Markwardt](#) on Thu, 11 Jul 2002 13:56:44 GMT

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wmc@bas.ac.uk writes:

> Marshall Perrin <mperrin+news@arkham.berkeley.edu> wrote:
>> I'm using IDL on Solaris. If I highlight text in another window and then
>> middle-click on my IDL terminal, the text pastes in v-e-r-y s-l-o-w-l-y.
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> many lines from elsewhere (maybe more than 4-8) the first few get pasted
> in (fast) then the terminal locks up and will never recover. Anyone else have that?

Hi William--

This happens to me too on Alpha machines, but not just under IDL I think. It happens anytime I paste a large amount, even to the shell.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: paste into unix IDL slow?
Posted by [wmconnolley](#) on Thu, 11 Jul 2002 19:10:56 GMT
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Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote:
> wmc@bas.ac.uk writes:

>> Not quite the same thing, but while paste is under discussion, I have a feature
>> (under { alpha OSF unix 5.4 Sep 25 2000 64 64}) that if I paste in too
>> many lines from elsewhere (maybe more than 4-8) the first few get pasted
>> in (fast) then the terminal locks up and will never recover. Anyone else have that?

> This happens to me too on Alpha machines, but not just under IDL I
> think. It happens anytime I paste a large amount, even to the shell.

Interesting. It definitely only happens to me within IDL: I can paste pages
and pages into other windows with no problems.

-W.

--

William M Connolley | wmc@bas.ac.uk | <http://www.nerc-bas.ac.uk/icd/wmc/>
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself
I'm a .signature virus! copy me into your .signature file & help me spread!
