Subject: Re: Starting multiple idlwave-shell's?
Posted by David Fanning on Thu, 31 Aug 2006 19:52:43 GMT

Gianguido Cianci writes:

> Is it possible to have two idl shells in the same emacs? I am using a
> multiprocessor machine and do most of my work interactively, so it
> would be nice to be able to do that.

You might want to sign up as one of the beta testers
for FastDL, which was mentioned in this newsgroup
earlier today. I had a chance to fool around with that
several months ago and I was extremely impressed.
IDL tasks can easily be farmed out to specific
processors on your machine, or to other processors
in a network. You can have as many IDL "tasks" going
on as many processors as you like. Very slick and
very easy to do from the IDL command line.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui.
(Opata Indian saying, meaning "Perhaps thou speakest truth.")

Subject: Re: Starting multiple idlwave-shell's?
Posted by cgguido on Thu, 31 Aug 2006 19:58:12 GMT

Yes I am thinking about it, looks very nice.... is this your way of
saying it can't be done in idlwave?

G

David Fanning wrote:
> Gianguido Cianci writes:
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>> multiprocessor machine and do most of my work interactively, so it
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Subject: Re: Starting multiple idlwave-shell's?
Posted by David Fanning on Thu, 31 Aug 2006 20:06:06 GMT
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Gianguido Cianci writes:

> Yes I am thinking about it, looks very nice.... is this your way of
> saying it can't be done in idlwave?

No, no. As far as I know *everything* can be done in
IDLWAVE. But I just let JD handle everything in that
realm. :-)

Cheers,

David

P.S. Let's just say I tried to learn how to use IDLWAVE
several months ago and I got, uh, stuck. I just couldn't
think and type at the same time. Too frustrating. Maybe
if I had grown up with it...Maybe it was too much like
learning French for my trip to Africa. But if JD is back
from Hawaii, I'm sure he will fill you in.

--
David Fanning, Ph.D.

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Subject: Re: Starting multiple idlwave-shell's?
Posted by JD Smith on Mon, 04 Sep 2006 20:53:20 GMT
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On Thu, 31 Aug 2006 14:06:06 -0600, David Fanning wrote:

> No, no. As far as I know *everything* can be done in
> IDLWAVE. But I just let JD handle everything in that
> realm. :-)

Actually, in this case the answer is "not easily". IDLWAVE knows of and
keeps track of a single IDL shell process at a time. You can obviously
run two different Emacs sessions and have a shell in each. Let's say
you're compiling a file (C-c C-d C-c). Which shell should it compile in?
That's just one example of many where having more than one shell would be
somewhat problematic.

You might like this tip regarding starting a "fast" IDL shell in Emacs
without first loading a .pro file into a buffer:

 ===
==============
IDLWAVE Tip of the Month:

Do you love IDLWAVE for editing source and debugging, but often find
yourself pulling up an XTerm IDL for quick calculations, not wanting the
full IDLWAVE source buffer editing mode? Wouldn't you love to have all
the same completion, on-line help and routine info features you've come
to love during full-blown editing sessions? Get a quick IDLWAVE IDL
Shell, without any buffer, using:

emacs --geometry 80x36 --eval "(idlwave-shell 'quick)"

I have this bound to a button in my launcher panel. Never be without
IDLWAVE again.
 ===
=============

I might also suggest looking at the IDL-IDL bridge. This lets the
primary IDL session manage sub-sessions, to which some work can be
farmed out. It comes with IDL 6.3.

JD

Subject: Re: Starting multiple idlwave-shell's?
Posted by cgguido on Tue, 05 Sep 2006 18:18:03 GMT

Hi JD,

thanks for your help. 'C-c C-d C-c' followed by a number identifying
the session could solve the problem you mention. Also 'C-c C-d C-c a'
could compile in all (idle) sessions.... if my recompiled code is
better, then why not have it available to all sesions....

JD Smith wrote:
> On Thu, 31 Aug 2006 14:06:06 -0600, David Fanning wrote:
>
>> No, no. As far as I know *everything* can be done in
>> IDLWAVE. But I just let JD handle everything in that
>> realm. :-)
>
> Actually, in this case the answer is "not easily". IDLWAVE knows of and
> keeps track of a single IDL shell process at a time. You can obviously
> run two different Emacs sessions and have a shell in each. Let's say
> you're compiling a file (C-c C-d C-c). Which shell should it compile in?
> That's just one example of many where having more than one shell would be
> somewhat problematic.
>

Yes I do like it!

> You might like this tip regarding starting a "fast" IDL shell in Emacs
> without first loading a .pro file into a buffer:
>
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>
> emacs --geometry 80x36 --eval "(idlwave-shell 'quick)"
>
> I have this bound to a button in my launcher panel. Never be without

---

> IDLWAVE again.
> ==
==============

As far as IDL-IDL bridbe, it seems to involve objects... I have never
gone that deep into IDL and use it mainly as a command line image
analysis system... no gui, no objects... it does look interesting
however, and if I can figure out how to use it interactively from the
commandline then I will definetly give it a shot.

> I might also suggest looking at the IDL-IDL bridge. This lets the
> primary IDL session manage sub-sessions, to which some work can be
> farmed out. It comes with IDL 6.3.
>
> JD

Thanks again, Gianguido