Subject: Re: *MOST* useful feature!
Posted by Pertti Rautiainen on Mon, 09 Dec 2002 16:30:16 GMT
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David Fanning <david@dfanning.com> wrote:
: P.S. If somebody opens their mouth and says they
: have been able to do this with their IDLWAVE emacs
: mode since 1986 I am going to scream. :-(

Yup. Could you record the scream and put it to your home page
(coyote.wav)?

Pertti

Subject: Re: *MOST* useful feature!
Posted by Wonko[2] on Mon, 09 Dec 2002 16:44:00 GMT
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david@dfanning.com (David Fanning) wrote:

> In IDL 5.6 Windows version you can grab a piece of
> code out of a window and paste the whole darn thing
> at the IDL command line! Hooray!!!

That's great! Although I probably won't see this, my current version
is 5.3 :)

> P.S. If somebody opens their mouth and says they
> have been able to do this with their IDLWAVE emacs
> mode since 1986 I am going to scream. :-(

No need to learn emacs, I just use IDL in a unix terminal... and
sometimes also on a windows PC, where I'd really like this feature :)

     Alex
--
 Alex Schuster   Wonko@netcologne.de   PGP Key available
            alex@pet.mpin-koeln.mpg.de

Subject: Re: *MOST* useful feature!
Posted by JD Smith on Mon, 09 Dec 2002 18:26:06 GMT
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On Mon, 09 Dec 2002 09:18:13 -0700, David Fanning wrote:

> Folks,
>
> Did you see what the elves brought us this Christmas!?
>
> In IDL 5.6 Windows version you can grab a piece of code out of a window
> and paste the whole darn thing at the IDL command line! Hooray!!!
>
> Productivity at my place has just gone up 178%.
>
> Cheers,
>
> David
>
> P.S. If somebody opens their mouth and says they have been able to do
> this with their IDLWAVE emacs mode since 1986 I am going to scream. :-(

Well, to avoid the scream, I'll only say that in addition to this useful
feature, IDLWAVE also lets you "Run Region" on selected text. What does
this do for you? Try giving a regular piece of code like:

```
for i=0,1 do begin
 foo,i
endfor
```

to the IDLDE shell. Does it like it? Probably not. IDLWAVE will
take that code, slap an END statement at the end, and .run it as a
$MAIN$ level routine. Excellent for trying out individual pieces of a
routine, complete with real control blocks, at a time.

JD

Subject: Re: *MOST* useful feature!
Posted by wmconnolley on Mon, 09 Dec 2002 18:31:43 GMT
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Alex Schuster <Wonko@netcologne.de> wrote:
> david@dfanning.com (David Fanning) wrote:

>> In IDL 5.6 Windows version you can grab a piece of
>> code out of a window and paste the whole darn thing
>> at the IDL command line! Hooray!!!

> No need to learn emacs, I just use IDL in a unix terminal...

I am confused. I've been able to paste code in from unix in the
standard terminal window for a long time (though sometimes

it hangs for really long lines :-().

Has this really only just become possible under windows or is there
some subtle enhancement you're referring to?

-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!

Subject: Re: *MOST* useful feature!
Posted by David Fanning on Mon, 09 Dec 2002 18:37:50 GMT
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JD Smith (jdsmith@as.arizona.edu) writes:

> Well, to avoid the scream, I'll only say that in addition to this useful
> feature, IDLWAVE also lets you "Run Region" on selected text. What does
> this do for you? Try giving a regular piece of code like:
>
> for i=0,1 do begin
> foo,i
> endfor
>
> to the IDLDE shell. Does it like it? Probably not. IDLWAVE will
> take that code, slap an END statement at the end, and .run it as a
> $MAIN$ level routine. Excellent for trying out individual pieces of a
> routine, complete with real control blocks, at a time.

Oh, I knew it ... :-(

David
--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: *MOST* useful feature!
Posted by David Fanning on Mon, 09 Dec 2002 18:39:56 GMT
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wmc@bas.ac.uk (wmc@bas.ac.uk) writes:

> Has this really only just become possible under windows or is there
> some subtle enhancement you're referring to?

It used to be there, then it disappeared for a number of years,
now its back. But it sure as hell doesn't slap an END statement
on a loop like IDLWAVE does. :-(

Cheers,

David
--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: *MOST* useful feature!
Posted by Wonko[2] on Mon, 09 Dec 2002 19:39:00 GMT
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wmc@bas.ac.uk wrote:

> Alex Schuster <Wonko@netcologne.de> wrote:

>> No need to learn emacs, I just use IDL in a unix terminal...

> I am confused. I've been able to paste code in from unix in the
> standard terminal window for a long time (though sometimes
> it hangs for really long lines :-().

Right, so have I.

> Has this really only just become possible under windows or is there
> some subtle enhancement you're referring to?

No, I just mentioned that in Unix I don't have to use Emacs and
IDLWAVE at all, because pasting code is already possible.

        Alex
--
  Alex Schuster   Wonko@netcologne.de   PGP Key available
              alex@pet.mpin-koeln.mpg.de

Subject: Re: *MOST* useful feature!
Posted by Wonko[2] on Mon, 09 Dec 2002 19:50:00 GMT

david@dfanning.com (David Fanning) wrote:

> JD Smith (jdsmith@as.arizona.edu) writes:

>> to the IDLDE shell. Does it like it? Probably not. IDLWAVE will
>> take that code, slap an END statement at the end, and .run it as a
>> $MAIN$ level routine. Excellent for trying out individual pieces of a
>> routine, complete with real control blocks, at a time.

> Oh, I knew it ... :-(

Some time, I _will_ learn Emacs.

    Alex

--
  Alex Schuster   Wonko@netcologne.de   PGP Key available
                alex@pet.mpin-koeln.mpg.de

Subject: Re: *MOST* useful feature!
Posted by K. Bowman on Mon, 09 Dec 2002 21:26:17 GMT

> David Fanning <david@dfanning.com> wrote:
> : P.S. If somebody opens their mouth and says they
> : have been able to do this with their IDLWAVE emacs
> : mode since 1986 I am going to scream. :-(
>
> Yup. Could you record the scream and put it to your home page
> (coyote.wav)?

I thought coyote's *howled*.

Ken

Subject: Re: *MOST* useful feature!
Posted by David Fanning on Mon, 09 Dec 2002 21:57:34 GMT

Kenneth Bowman (k-bowman@null.tamu.edu) writes:

> I thought coyote's *howled*.

Only when they are content. When they are upset they
swear profusely in at least three pre-Incan languages.
It really is something to hear late at night, in a quiet
box canyon, somewhere up in the high country. Most people
are startled to find their ears turning red. :-)

Cheers,

David

--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: *MOST* useful feature!
Posted by Kenneth P. Bowman on Mon, 09 Dec 2002 22:58:27 GMT
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>> I thought coyote's *howled*.
>
> Only when they are content. When they are upset they
> swear profusely in at least three pre-Incan languages.
> It really is something to hear late at night, in a quiet
> box canyon, somewhere up in the high country.

And they always sound like they are exactly 3 feet away from the
entrance to your tent, when in fact they are probably on the other side
of the valley.

Ken

Subject: Re: *MOST* useful feature!
Posted by JD Smith on Mon, 09 Dec 2002 23:59:49 GMT
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On Mon, 09 Dec 2002 12:50:00 -0700, Alex Schuster wrote:

> david@dfanning.com (David Fanning) wrote:
>
>> JD Smith (jdsmith@as.arizona.edu) writes:
>
>>> to the IDLDE shell. Does it like it? Probably not. IDLWAVE will

>>> take that code, slap an END statement at the end, and .run it as a
>>> $MAIN$ level routine. Excellent for trying out individual pieces of a
>>> routine, complete with real control blocks, at a time.
>
>> Oh, I knew it ... :-(
>
> Some time, I _will_ learn Emacs.

Try:

http://jeremy.zawodny.com/emacs/emacs.html

or

 http://bioinformatics.weizmann.ac.il/~lvssso/emacs/guide.htm I

or even better yet, start Emacs, then hit "Control-h" then "t".

This advice written in 1985 from a tutor of Emacs may help:

   EMACS is the name of a text editor that everyone around here,
   sooner or later, learns how to use. (So far the longest hold-out
   has been about three months.) Learning to use EMACS is exactly the
   same as learning to ride a bicycle. It is awkward,
   counter-intuitive, frequently painful, and the documentation is no
   help at all. Bicycles are optimized for efficient use by those who
   already know how; they are not optimized for the learning
   period. Neither is EMACS. One of the most painful parts of learning
   to ride a bicycle is enduring the snotty condescension of those who
   go whizzing by no-hands, bragging about how easy it is. Be prepared
   to have that happen as you struggle with EMACS as well.

At least the documentation is better now:

 http://www.gnu.org/manual/emacs-21.2/html_chapter/emacs_toc. html

JD

Subject: Re: *MOST* useful feature!
Posted by Carsten Dominik on Tue, 10 Dec 2002 09:36:00 GMT
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>>>> > "DF" == David Fanning <david@dfanning.com> writes:

DF> JD Smith (jdsmith@as.arizona.edu) writes:
>> Well, to avoid the scream, I'll only say that in addition to this useful
>> feature, IDLWAVE also lets you "Run Region" on selected text. What does
>> this do for you? Try giving a regular piece of code like:
>>
>> for i=0,1 do begin
>> foo,i
>> endfor
>>
>> to the IDLDE shell. Does it like it? Probably not. IDLWAVE will
>> take that code, slap an END statement at the end, and .run it as a
>> $MAIN$ level routine. Excellent for trying out individual pieces of a
>> routine, complete with real control blocks, at a time.

DF> Oh, I knew it ... :-(

Just wait until JD releases his new debugger :-) I am sure we'll need
some ear protection then.

- Carsten

Subject: Re: *MOST* useful feature!
Posted by David Fanning on Tue, 10 Dec 2002 15:59:36 GMT
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Pertti Rautiainen (pertti@sun3.oulu.fi) writes:

> Yup. Could you record the scream and put it to your home page
> (coyote.wav)?

I've added a coyote howl to the tones Windows users can
activate with the BELL procedure on my web page:

  http://www.dfanning.com/programs/bell.zip

I'm not sure it has exactly the forlorn quality
I was looking for, but there you go. :-)

  IDL> Bell, /Coyote

Cheers,

David

P.S. Let's just say it works pretty well if you
want to get the dog's attention during an IDL program!

--
David W. Fanning, Ph.D.
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: *MOST* useful feature!
Posted by mvukovic on Wed, 11 Dec 2002 16:04:19 GMT
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JD Smith <jdsmith@as.arizona.edu> wrote in message
news:<pan.2002.12.09.23.59.48.980292.6387@as.arizona.edu>...
> This advice written in 1985 from a tutor of Emacs may help:
>
>   EMACS is the name of a text editor that everyone around here,
>   sooner or later, learns how to use. (So far the longest hold-out
>   has been about three months.) Learning to use EMACS is exactly the
>   same as learning to ride a bicycle. It is awkward,
>   counter-intuitive, frequently painful, and the documentation is no
>   help at all. Bicycles are optimized for efficient use by those who
>   already know how; they are not optimized for the learning
>   period. Neither is EMACS. One of the most painful parts of learning
>   to ride a bicycle is enduring the snotty condescension of those who
>   go whizzing by no-hands, bragging about how easy it is. Be prepared
>   to have that happen as you struggle with EMACS as well.
>

Strongly disagree. Like any other skill (even Word requires some
skill) it requires the willingness to invest time and effort to learn
in. For emacs, unlike Word, it takes about 30 minutes to go through
the tutorial. With that, one will be more than competent in basic
usage. Now compare that with at least two hours for one to go through
a 3D CAD tutorial to achieve a same level of proficiency. It is
really not that catastrophic. And actually, how much time does it
take for one to become somewhat proficient in IDL? More than 30
minutes I bet.

My morning's gripe :-)

Mirko