Subject: Re: ascii templates & also IDL from emacs

Posted by Vapuser on Fri, 11 Jun 1999 07:00:00 GMT

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noymer@my-deja.com writes:

> Thanks to those who responded to my previous query; this seems like a
> friendly group.
>
> I am wondering about the gooey routine ascii_template, as in:
> myTemplate = ASCII_TEMPLATE(myfile)
>
> Is there a way to specify a template by hand, in a template file,
> without going through the darn gooey? For one thing, it doesn't seem
> to save the template, so each session I have to redo it. Maybe that's
> because I have the student version?
>

  I haven't used ascii_template that much. It returns a structure,
which you than pass to read_ascii via the 'template=' keyword, right?
If you're reading files that have the same structure, you can just
save the template to a save set (using save,variable,file=filename)
which you restore when required. If you're talking about creating the
template on demand, either you go through the Gui, or you prize apart
how the structure works and fill the fields by hand. Then return to
the previous step.

> Also: Has anyone had success calling IDL for Windows as a sub-process
> of NT-Emacs?
>

  Don't know.

> Thanks,
>   Andrew.
>
>
> Sent via Deja.com http://www.deja.com/
> Share what you know. Learn what you don't.

--
William Daffer: 818-354-0161: vapuser@catspaw.jpl.nasa.gov

Subject: Re: ascii templates & also IDL from emacs

Posted by Dick Jackson on Fri, 11 Jun 1999 07:00:00 GMT

noymer@my-deja.com wrote:
>
> Thanks to those who responded to my previous query; this seems like a
> friendly group.

We try to be nice. :-)

> Also: Has anyone had success calling IDL for Windows as a sub-process
> of NT-Emacs?

If you mean the way that you can run idlwave-shell (formerly
idl-shell) in an Emacs buffer with Unix-Emacs, I'm afraid not. Some
time back, IDL for Windows *did* work as a command-line program, but
alas, this has been lost with the advent of IDLDE. I have requested
from RSI that this be reinstated if possible, but to no effect as yet.

Of course you can still use Emacs as your editor, then ask IDLDE to
reload it after each save you do from Emacs. But it *sure* would be
nice to have idlwave-shell...

Cheers,
--
-Dick

Dick Jackson   Fanning Software Consulting, Canadian Office
djackson@dfanning.com   Calgary, Alberta   Voice/Fax: (403) 242-7398
   Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: ascii templates & also IDL from emacs
Posted by steinhh on Sun, 13 Jun 1999 07:00:00 GMT

In article <37613B83.D976FEA6@dfanning.com> Dick Jackson
<djackson@dfanning.com> writes:

> noymer@my-deja.com wrote:
[...]
>> Also: Has anyone had success calling IDL for Windows as a sub-process
>> of NT-Emacs?

> If you mean the way that you can run idlwave-shell (formerly
> idl-shell) in an Emacs buffer with Unix-Emacs, I'm afraid not. Some
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> alas, this has been lost with the advent of IDLDE. I have requested

> from RSI that this be reinstated if possible, but to no effect as yet.

> Of course you can still use Emacs as your editor, then ask IDLDE to
> reload it after each save you do from Emacs. But it *sure* would be
> nice to have idlwave-shell...

It looks like running IDL as an RPC server isn't possible for
non-unix platforms, but Callable IDL should be ok, no?

What I normally do is to run a slightly modified version of the
idl/external/rpc/example.c program as a command line input loop,
passing all input on to the idlrpc process. For most practical
purposes (other than interrupting operation with Ctrl-C, and
using multi-line commands) it looks as if I'm running the
normal, tty input IDL under idlwave-shell).

Now, it shouldn't be too difficult to make a Callable IDL
version of this setup, simply writing a main program that
initializes IDL, and sends all input to the IDL_ExecuteStr
(instead of IDL_RPCExecuteStr). Voila, and you've created your
own tty-input version of IDL.... I think.

Regards,

Stein Vidar