
Subject: Question on using Emacs IDL-shell support with Wave 6.0

Posted by [Jim O'connor](#) on Mon, 26 Aug 1996 07:00:00 GMT

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I've been using the Emacs wave-mode.el supplied with PV-Wave 6.0 for editing Wave code. Its nice, but I'd like to try Chris Chase's IDL mode and IDL shell, to see if it works for Wave.

I've gotten the idl.el mode to work, but not idl-shell.el. I get a "Searching for program: No such file or directory, idl".

Here's what I added to my .emacs file:

```
(setq load-path (cons "/net/fwhre13/users/joconnor/pv/emacs_support"
load-path))
(autoload 'idl-mode "idl" "Major mode for editing IDL/WAVE CL .pro
files" t)
(autoload 'idl-shell "idl-shell" "Run IDL/PV-Wave as an inferior
process" t)
(setq auto-mode-alist (append '(("\\.pro$" . idl-mode))
auto-mode-alist))
```

Both idl-shell.el and idl.el are in the emacs_support directory given on the first line.

Has anyone come across this particular problem?

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Jim

Subject: Re: Question on using Emacs IDL-shell support with Wave 6.0

Posted by [chase](#) on Thu, 29 Aug 1996 07:00:00 GMT

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>>>> > "Jim" == Jim O'connor <joconnor@ftw.mot.com> writes:

In article <322206EB.665B@ftw.mot.com> Jim O'connor <joconnor@ftw.mot.com> writes:

Jim> I've been using the Emacs wave-mode.el supplied with PV-Wave 6.0 for
Jim> editing Wave code. Its nice, but I'd like to try Chris Chase's IDL mode
Jim> and IDL shell, to see if it works for Wave.

I have not used PV-Wave for a couple years. You should be able to get the basic functionality of idl-shell.el to work with Wave, but all the debugging code would not work without a lot of customization.

Jim> I've gotten the idl.el mode to work, but not idl-shell.el. I get a
Jim> "Searching for program: No such file or directory, idl".

Do you want to run IDL or Wave?

Jim> Here's what I added to my .emacs file:

```
Jim> (setq load-path (cons "/net/fwhre13/users/joconnor/pv/emacs_support"
Jim> load-path))
Jim> (autoload 'idl-mode "idl" "Major mode for editing IDL/WAVE CL .pro
Jim> files" t)
```

If you want to run Wave, replace "idl" with whatever the pwwave command is on your system. If pwwave is not in your default path then you will have to use the full pathname instead of just the command name.

```
Jim> (autoload 'idl-shell "idl-shell" "Run IDL/PV-Wave as an inferior
Jim> process" t)
Jim> (setq auto-mode-alist (append '(("\\.pro$" . idl-mode))
Jim> auto-mode-alist))
```

You will need something like the following in your .emacs:

```
(add-hook 'idl-shell-mode-hook
(function
(lambda ()
(setq idl-shell-prompt-pattern "^WAVE> ") ; set to your wave prompt
)))
;; replace wave with the appropriate command name using an absolute
;; path if necessary
(setq idl-shell-explicit-file-name "wave")
(setq idl-shell-process-name "wave")
```

Hopefully that will get idl-shell running with pwwave. But all the breakpoint stuff will be broken. That would require a lot of work since pwwave and idl have diverged a lot (I had to modify idl-shell.el just to get the breakpoint stuff to work with the changes from IDL version 3 to version 4.) Getting it to work with pwwave requires another volunteers effort since I no longer work with pwwave.

Good luck.

By the way, are there people successfully using idl-shell.el under xemacs? I have only used it briefly under xemacs.

Chris

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