
Subject: Re: Using ENVI with IDLWAVE

Posted by [JD Smith](#) on Thu, 13 Sep 2007 01:14:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Wed, 12 Sep 2007 15:17:33 -0600, David Fanning wrote:

> Folks,
>
> I'm not sure I would even understand the answer to this question, but let
> me ask it anyway. I'm using the IDLWAVE mode in Emacs. I still can't
> remember always how to do a damn search and replace, but it's coming
> along, making progress. When I am working in IDL, a CNTL-C-D-C compiles
> the file I am editing. But this *doesn't* happen when I have started up
> ENVI from within my IDL session (by typing "envi"). Why not? And what can
> I do to make the commands I *do* know how to use in IDLWAVE work when I am
> working with ENVI?

See FAQ number 8:

<http://idlwave.org/idlwave.html#TROUBLE>

I've never used ENVI. Basically, IDLWAVE looks for "IDL>" all over the place, and not seeing it really makes it unhappy. I would guess that something like:

```
(setq idlwave-shell-prompt-pattern  
  (replace-regexp-in-string "IDL" "\\\\(IDL\\\\|ENVI\\\\)"  
    idlwave-shell-prompt-pattern))
```

inside of your idlwave-shell-mode-hook, in your .emacs file might solve the problem for you (all those backquotes are needed -- the joys of Elisp). Just to be explicit, if you don't already have such a hook, this would be:

```
(add-hook 'idlwave-shell-mode-hook  
  (lambda ()  
    (setq idlwave-shell-prompt-pattern  
      (replace-regexp-in-string "IDL" "\\\\(IDL\\\\|ENVI\\\\)"  
        idlwave-shell-prompt-pattern))))
```

Restart Emacs and try again.

Now, if I were really clever, I'd read the contents of !PROMPT every so often to make sure it hasn't changed, so IDLWAVE can look for the correct prompt. The problem is knowing when to do this. Are there other prompts which are common, that need to be dealt with? Perhaps I'll just update the regexp once and for all.

JD

P.S. M-%

Subject: Re: Using ENVI with IDLWAVE

Posted by [David Fanning](#) on Thu, 13 Sep 2007 15:45:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

JD Smith writes:

```
> I've never used ENVI. Basically, IDLWAVE looks for "IDL>" all over the
> place, and not seeing it really makes it unhappy. I would guess that
> something like:
>
> (setq idlwave-shell-prompt-pattern
>   (replace-regexp-in-string "IDL" "\\(IDL\\|ENVI\\)"))
> idlwave-shell-prompt-pattern))
```

Uh, huh. It was a bit easier to do this:

```
ENVI> !Prompt = 'IDL> '
```

Then everything is back to normal! :-)

Thanks.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
