
Subject: idlwave help files...

Posted by [Matt Haffner](#) on Wed, 25 Oct 2000 07:00:00 GMT

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Any chance of starting to include the idlw-help.* files in the xemacs package or are there size restrictions? Also (just so ya know), the 1.22 package I snagged yesterday has VERSIONTAG instead of real version numbers in the *.el files.

Thanks for the spectacular mode :) It's all I use now.

mh

--

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Subject: Re: idlwave help files...

Posted by [dominik](#) on Thu, 26 Oct 2000 06:29:37 GMT

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>>>> > "MH" == Matt Haffner <haffner@astro.wisc.edu> writes:

MH> Any chance of starting to include the idlw-help.* files in the
MH> xemacs package or are there size restrictions?

Not size, but there is a copyright issue. I'll need to check, maybe I could actually put them into the xemacs package. What I know for sure is that I cannot put them into the GNU Emacs distribution.

MH> Also (just so ya

MH> know), the 1.22 package I snagged yesterday has VERSIONTAG instead

MH> of real version numbers in the *.el files.

Oh, OK.

- Carsten

--

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Subject: Re: idlwave help

Posted by [John-David T. Smith](#) on Thu, 25 Oct 2001 04:14:54 GMT

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Ken Mankoff wrote:

```
>
> Hi,
>
> I have been fooling around more with the IDLWAVE mode, but have run into a
> problem. I have searched Carstens pages, but presumably missed the answer.
>
> I would like to start using completion in the editing buffer, not just the
> shell. I think this is bound to M-TAB (or ESC-TAB). When I hit that, I get
> the following:
>
> No tag table loaded; try M-x visit-tag-table
>
> I ran this in my idlwave dir:
> perl --etags @/tools/rsi/idl
>
> and it built an IDLTAGS file. I then did M-x visit-tag-table, and gave it
> the IDLTAGS file that idltags built.
>
> now, when I type "plo ESC-TAB", it fills in with "plot__fields", not
> "plot", as I would expect.
>
> Any ideas anyone?
>
```

Well, first of all none of this etags business is necessary... it sounds to me like IDLWAVE isn't even running on your buffer. In regular buffers [M-Tab] completes tag symbols, which could explain your error. In IDLWAVE mode, it should run a special function `idlwave-complete', which knows quite a bit about where completion is occurring. As an example, if you're inside an obj_new() function, it completes either classnames, or Init() arguments, depending on the locatin.

If you are in IDLWAVE mode, you'll see "IDLWAVE" in the command bar below, and a menu of the same name. If you're not in IDLWAVE, it could be because you forgot to add:

```
(autoload 'idlwave-mode "idlwave" "IDLWAVE Mode" t)
(autoload 'idlwave-shell "idlw-shell" "IDLWAVE Shell" t)
(setq auto-mode-alist (cons '("\\.pro\\\"" . idlwave-mode)
                             auto-mode-alist))
(setq idlwave-help-directory "/usr/local/etc")
```

into your .emacs. This is all covered in the INSTALL file you'll find in the distribution. I know, who wants to read those.... with the recently released Emacs21, none of this will be necessary, since IDLWAVE comes included (currently at v4.7).

To digest your own libraries for completion and help, you should look at the IDLWAVE->Routine Info->Select Catalog Directories command. This will allow you to have completion and help on all your own routines and libraries too! It even looks up keywords in your routines' headers (if they're properly written).

Good luck,

JD

Subject: Re: idlwave help
Posted by [Ken Mankoff](#) on Thu, 25 Oct 2001 15:28:51 GMT
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On Thu, 25 Oct 2001, John-David Smith wrote:

> Ken Mankoff wrote:

>>

>> I would like to start using completion in the editing buffer, not just the
>> shell. I think this is bound to M-TAB (or ESC-TAB). When I hit that, I get
>> the following:

>

> This is all covered in the INSTALL file you'll find in the distribution.

Hi JD,

I had done a custom location install before, as I dont have root privileges on my main computer. I do on another one, and am now testing this there. I have followed the INSTALL file verbatim, and here is my .emacs:

```
;(setq load-path (cons "~/local/idlwave-4.9d" load-path))
(autoload 'idlwave-mode "idlwave" "IDLWAVE Mode" t)
(autoload 'idlwave-shell "idlw-shell" "IDLWAVE Shell" t)
(setq auto-mode-alist
  (cons '("\\.pro\\\\" . idlwave-mode) auto-mode-alist))
(setq idlwave-help-directory "/usr/local/etc")
```

If I do this, and emacs a .pro file, it starts in my default major-mode, Text. However, even in text mode, ESC-TAB *does* bring up completions. But obviously, font-lock-mode and other stuff does not work.

Also, the *Messages* buffer has this:

File mode specification error: (file-error "Cannot open load file" "idlwave")

If I change my .emacs so that the commented line above is uncommented, then when I edit a file, I get loaded into "IDLWAVE Abbrev Fill" mode, syntax is highlighted, and "C-c,?" brings up help, etc... In short, everything works but the ESC-TAB. If I hit that, it says that 'tags are not loaded'.

The confusing thing is that ~/local/idlwave-4.9d is where I ran
% make; su; make install-all

Ideally, I would like to run everything out of ~/local/idlwave, so that I can have the same setup on all my computers, even where i am not root.

-k.

--

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