## Subject: Re: IDLWAVE routine info problem Posted by JD Smith on Fri, 10 Feb 2006 17:30:21 GMT

View Forum Message <> Reply to Message

On Fri, 10 Feb 2006 03:43:08 -0800, lbusett@yahoo.it wrote:

```
> Hi all,
>
     I'm trying to install IDLWAVE on my windows XP PC, but I'm having
>
 some problems. I installed Xemacs (last version) and i also updated the
> IDLWAVE package to version 5.6, and all seems to work correctly until i
> try to use the help or the auto-completion function; the problem is that
> only some of the IDL procedures are "available".
>
> For example, if i write "d" and then "ESC + TAB" for autocompletion, i
> can't find the "DIALOG_PICKFILE" procedure(see below):
>
>> Possible completions are:
>> define key dendro plot
                               dlm load define msqblk dendrogram
>> dlm register define msgblk from file device
                                                   doc library defsysv
   dfpmin
               draw roi
>> delvar
            dissolve
> The results are strange: for example, I can get "WIDGET_CONTROL", but not
> "WIDGET_BASE".
>
> What am I doing wrong? Do i need to update in some way the routine-info
> files? If so, how can I do it (I'm completely new with emacs/xemacs)?
```

IDLWAVE understands the difference between procedures and functions. You are trying to complete a procedure, whereas DIALOG\_PICKFILE is a function, so it doesn't show up in the list. Try:

```
f=dia[M-Tab]
```

and DIALOG\_PICKFILE should show up. IDLWAVE actually understands the completion context of many different things. The current list is (for point at the `\_'):

```
Procedure
plo
x = a
                Function
                 Keyword of plot procedure
plot,xra_
                 Keyword of plot procedure
plot,x,y,/x_
                 Keyword of min function
plot,min(_
                 Object method (procedure)
obj -> a_
a[2,3] = obj -> a_
                   Object method (function)
x = obj new('IDL
                     Class name
x = obj new('MyCl', a Keyword to Init method in class MyCl
```

pro A Class name

pro \_ Fill in Class:: of first method in this file

!v\_ System variable

!version.t\_ Structure tag of system variable self.g\_ Class structure tag in methods

state.w\_ Structure tag, if tag completion enabled name = 'a\_ File name (default inside quotes)

You can also force the IDLWAVE completion context, e.g. using the menu IDLWAVE->Complete->Complete Specific. Of course, if you complete DIALOG\_PICKFILE as a function but call it as a procedure, IDL will complain and it won't work. Usually IDLWAVE knows best.

JD

Subject: Re: IDLWAVE routine info problem

Posted by lbusett@yahoo.it on Mon, 13 Feb 2006 12:11:13 GMT

View Forum Message <> Reply to Message

Ooops... I knew I was missing something.... now I know how to use the completion function correctly!

Thanks for your help!

I have just another question: I've been able to customize IDLWAVE in order to highlight different "items" with different colors, but I can't find a way

to highlight procedure and function names. How can I do that?

Thanks,

Lorenzo

Subject: Re: IDLWAVE routine info problem
Posted by JD Smith on Tue, 21 Feb 2006 19:07:03 GMT

View Forum Message <> Reply to Message

On Mon, 13 Feb 2006 04:11:13 -0800, lbusett@yahoo.it wrote:

- > Ooops... I knew I was missing something.... now I know how to use the
- > completion function correctly!

>

> Thanks for your help!

>

- > I have just another question: I've been able to customize IDLWAVE in
- > order to highlight different "items" with different colors, but I can't
- > find a way
- > to highlight procedure and function names. How can I do that?

In definition statements routines are already highlighted. Do you mean when they are being called? This is non-trivial (and no other Emacs programming modes I know of do this, for this reason).

JD

Subject: Re: IDLWAVE routine info problem
Posted by <a href="logo blue by lbusett@yahoo.it">lbusett@yahoo.it</a> on Wed, 22 Feb 2006 09:39:49 GMT
View Forum Message <> Reply to Message

Hi JD,

I'm sorry that my question wasn't clear: What I'd like to know is if in IDLWAVE it is possible to highlight the calls to built-in functions or procedures like it happens in the IDLDE environment (e.g. when i write "plot, X,Y", the word "plot" is highlighted in blue).

Thanks for the help,

Lorenzo