
Subject: Re: IDLWAVE routine info problem
Posted by [JD Smith](#) on Fri, 10 Feb 2006 17:30:21 GMT
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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_msgblk dendrogram
>> dlm_register define_msgblk_from_file device doc_library defsyst
>> 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 `_'):

plo_	Procedure
x = a_	Function
plot,xra_	Keyword of plot procedure
plot,x,y,/x_	Keyword of plot procedure
plot,min(_	Keyword of min function
obj -> a_	Object method (procedure)
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
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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
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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 lbuset@yaho.it on Wed, 22 Feb 2006 09:39:49 GMT
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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
