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 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 `_'):

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