Subject: Re: widget_list in IDL 5.1
Posted by davidf on Tue, 09 Jun 1998 07:00:00 GMT
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J.D. Smith (jdsmith@astrosun.tn.cornell.edu) writes in
response to Jonathan Rogness' question about multiple
list widgets:

> Just use:
>
> list=widget_info(list_widget,/LIST_SELECT)
>
> This will always return the current selected , or -1 if none selected.

Yes, this certainly tells you which widget is selected, but
the problem I have is when to take action in a multiple list
selection, since I get an event in my event handler *every*
time a selection is made.

It seems I have several choices:

(1) Act on every event, which I normally don't like to do
    at all.

(2) Guess when the user is finished, which results (believe me!)
    in a lousy user interface.

(3) Write a compound widget with the list widget and an OK
    button to let me know when the user *really* wants me to
    respond to the selection event. But this is just like the
    multiple selection widget I hacked up before the MULTIPLE
    keyword was available.

What do some of the rest of you do? If we can get some
kind of consensus, I'll write an article about it for my
web page.

Cheers,

David

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Subject: Re: widget_list in IDL 5.1
Posted by J.D. Smith on Tue, 09 Jun 1998 07:00:00 GMT
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Jonathan Rogness wrote:

>
> I'm building an interface to routines that I've written over the past
> couple of years, and after we upgraded to IDL 5.1 earlier this week I
> discovered I can now use the MULTIPLE keyword to WIDGET_LIST, which
> allows users to select more than one item in the list.
>
> Here's my problem: how can I tell which items have been selected? The
> index field of the Event structure is still a single number, not an
> array. Even if many items are selected, Event.Index is just the index
> of the /first/ selected item. Do I have to call widget_control? Out of
> curiosity I tried using the get_value keyword to widget_control, but it
> looks like that's still not an option with list widgets.
>
> My apologies if this is answered in the documentation. I only have
> printed manuals through version 5.0, and our online HyperHelp is causing
> my window manager to crash. (Hopefully RSI will fix that relatively
> soon.) I can see the documentation for WIDGET_LIST, which doesn't
> answer my question, but if I try to look up WIDGET_CONTROL, I end up
> having to restart my X-Server because of the crash.
>
> Thanks for any help -
>
> Jon

Just use:

list=widget_info(list_widget,/LIST_SELECT)

This will always return the current selected , or -1 if none selected.

JD
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