Maybe I am not understanding you. You just want to get the selected items
from a listbox?

say you have a list widget "info.wFilesList"

Keep a pointer to a string array of items contained in that list (they must
be in order from top to bottom). I use a pointer because I need to
dynamically resize the array, you might be able to get away with just an
array.

I can then poll widget_info while setting /list_select for the currently
selected items in my list. This will "return the index or indices of the
currently-selected (highlighted) element or elements in the specified list
widget. Note that this offset is zero-based. If no element is currently
selected, -1 is returned."

selected = widget_info(info.wFilesList, /list_select)

You can then use the indices to subscript your array of items.

One would think that you could get a string array of either the selected
items or all items contained in a widget_list but as far as I can tell you
only can get the indices. If anyone knows how to do this, please speak up!

Hope this helps.

-Rick Towler

"Stuart Norton" <stuart@isis.ucolick.org> wrote in message
 news:Pine.GSO.4.03.10102151649520.125-100000@isis.ucolick.or g...
>
> Sorry if this is an obvious one, but I've been trying for too long now...
>
> How do you get a list of all selected items from a widget_listbox? I have
> a listbox which I want to handle multiple selections. I was originally
> going to use the event handler: just toggle the settings of each item
> which was clicked... but (at least in Unix) when you single click without
> holding shift or control, all previous selections in a listbox are
> de-selected. I don't know how to keep track of which items are
> de-selected like this. (There doesn't seem to be an event for that.)
>

> Another possibility was the OnSelectValue parameter to widget_listbox; I
> created a procedure to remember if any given item was selected, but
> again I have the problem that de-selection is not handled.
>
> There ought to be an easy way, say from widget_control, to return an array
> of indices which are selected at the moment, or something like that. Why
> can't I find such a thing??
>
> Thanks in advance,
> Stuart
>
> --- ----------
> ---   Stuart Norton   ---
> ---   stuart@ucolick.org   ---
> --- Astronomy & Astrophysics - University of California   ---
> --- Santa Cruz, CA 95064   ---
> ---   (831) 459-4362   ---
> --- ----------
>

Subject: Re: IDL listbox
Posted by Martin Schultz on Fri, 16 Feb 2001 11:13:09 GMT
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Rick Towler wrote:
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>>

... as David seems to be out of reach, let me take this and advise you
to buy his excellent book! The main idea is to use the widget UValue
to store that string list in what David calls an "info structure". The
UValue can then be retrieved with WIDGET_CONTROL (o rwas it
WIDGET_INFO?) in your event handling routine, and you can then access
the selected items the way Stuart mentions. But, please, never use an
array fo rthese strings; you almost certainly will have to change that
size somewhere, and you are guaranteed to get into trouble if you

don't start using pointers right away. And they are really not that hard to use (there were some discussions on them last year on this newsgroup, maybe you can browse www.deja.com to find them).

Best regards,

Martin

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 [[[[[[[[[[
[[Dr. Martin Schultz   Max-Planck-Institut fuer Meteorologie   [[
[[Bundesstr. 55, 20146 Hamburg   [[
[[phone: +49 40 41173-308   [[
[[fax: +49 40 41173-298   [[
[[martin.schultz@dkrz.de   [[
 [[[[[[[[[[