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Subject: Re: IDL listbox

Posted by [Rick Towler](#) on Fri, 16 Feb 2001 04:07:07 GMT

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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  
>  
> -----  
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