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Subject: IDL listbox

Posted by [Stuart Norton](#) on Fri, 16 Feb 2001 01:00:46 GMT

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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                               ---  
-----
```

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Subject: Re: IDL listbox

Posted by [John-David T. Smith](#) on Fri, 16 Feb 2001 17:04:38 GMT

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Stuart Norton wrote:

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This is starting to be the #2 all-time FAQ, after color decomposition, of course. For whatever inane reasons (most likely because the functionality was added only a few releases ago), getting the indices of multiply selected list widgets requires a visit to our friend widget\_info:

```
list=widget_info(self.list,/LIST_SELECT)
```

Now, why this functionality is here instead of

```
widget_control,self.list,get_value=list
```

it's best not to ask. If you want the items on the list themselves, you'll have to store them somewhere for access.

JD

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Subject: Re: IDL listbox

Posted by [Stuart Norton](#) on Fri, 16 Feb 2001 23:18:58 GMT

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Thanks to all who replied. widget\_info was the key I needed!

(BTW, I am already the proud owner of one copy - wait, no, two copies - of IDL Programming Techniques! Is it possible the answer wasn't in there?... Nah, I must have missed it. ;-)

Stuart

On Fri, 16 Feb 2001, JD Smith wrote:

> Stuart Norton wrote:  
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>>

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---                Stuart Norton                ---  
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--- Astronomy & Astrophysics - University of California ---  
--- Santa Cruz, CA 95064                        ---  
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-----
```

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Subject: Re: IDL listbox  
Posted by [davidf](#) on Sat, 17 Feb 2001 08:38:06 GMT

Stuart Norton (stuart@isis.ucolick.org) writes:

- > (BTW, I am already the proud owner of one copy - wait, no, two copies - of
- > IDL Programming Techniques! Is it possible the answer wasn't in there?...
- > Nah, I must have missed it. ;-)

Well, I'm sure it will be in the \*next\* version. Shall I reserve you a copy, Stuart. :-)

Cheers (and many thanks!)

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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