
Subject: Re: How to pick a window?

Posted by [davidf](#) on Thu, 25 Jan 2001 23:17:15 GMT

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AM (no_spamus@yahoo.com) writes:

> I am trying to find out which idl window I clicked on (ie, selected) if
> I have a number of them on the screen. I want to feed that back into a
> routine that then goes and does something depending on which window I
> click on. I am using the "old fashioned" windows created with 'window',
> rather than these new fangled "widget windows". Is here a solution or do
> I have to use widgets? I am using idl 5.4 in a unix environment.

Do you **have** to use widgets!?

...Nope. Huh, uh. I'm not gonna say anything...

My mamma told me if you can't think of anything
good to say, just keep your mouth shut.

> Maybe I can get the window manager to say something to idl?

Do you mean like ... No, no, just forget it.

Cheers,

David

P.S. Let's just say if IDL weren't first written
in Neanderthal times we would **all** be using widgets
as windows. Sheesh!

--

David Fanning, Ph.D.

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

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Subject: Re: How to pick a window?

Posted by [Mark Hadfield](#) on Fri, 26 Jan 2001 01:30:50 GMT

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"AM" <no_spamus@yahoo.com> wrote in message
news:94q8l1\$94r\$1@nnrp1.deja.com...

> I am trying to find out which idl window I clicked on (ie, selected) if
> I have a number of them on the screen. I want to feed that back into a

> routine that then goes and does something depending on which window I
> click on. I am using the "old fashioned" windows created with 'window',
> rather than these new fangled "widget windows". Is here a solution or do
> I have to use widgets?

I think you do have to use widgets. Check out David Fanning's WWW site. Read his book. Read the WIDGET_BASE documentation and pay special attention to KBRD_FOCUS_EVENTS.

> I am using idl 5.4 in a unix environment. Maybe I
> can get the window manager to say something to idl?

I am sure it already does. But can you get IDL to listen to it?

Mark Hadfield
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield/>
National Institute for Water and Atmospheric Research
PO Box 14-901, Wellington, New Zealand

Subject: Re: How to pick a window?
Posted by [amacphee](#) on Fri, 26 Jan 2001 01:56:46 GMT
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OK, I guess I asked for it :-). I'll check the books (including yours; I bought that a couple of weeks ago too :-)
Just for some encouragement before I try this, is there an easy way to translate something like

```
window  
tvsc1, indgen(256,256)
```

into 'widget speak'?

Thanks,
Andrew

In article <MPG.14da61e9f8de5b13989d34@news.frii.com>,
davidf@dfanning.com (David Fanning) wrote:
> AM (no_spamus@yahoo.com) writes:
>
>> I am trying to find out which idl window I clicked on (ie, selected)
if
>> I have a number of them on the screen. I want to feed that back into
a
>> routine that then goes and does something depending on which window

I
>> click on. I am using the "old fashioned" windows created with
'window',
>> rather than these new fangled "widget windows". Is here a solution
or do
>> I have to use widgets? I am using idl 5.4 in a unix environment.
>
> Do you *have* to use widgets!?
>
> ...Nope. Huh, uh. I'm not gonna say anything...
>
> My mamma told me if you can't think of anything
> good to say, just keep your mouth shut.
>
>> Maybe I can get the window manager to say something to idl?
>
> Do you mean like ... No, no, just forget it.
>
> Cheers,
>
> David
>
> P.S. Let's just say if IDL weren't first written
> in Neanderthal times we would *all* be using widgets
> as windows. Sheesh!
>
> --
> David Fanning, Ph.D.
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>

Sent via Deja.com
<http://www.deja.com/>

Subject: Re: How to pick a window?
Posted by [davidf](#) on Fri, 26 Jan 2001 04:18:05 GMT
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AM (amacphee@my-deja.com) writes:

> OK, I guess I asked for it :-) I'll check the books (including yours; I
> bought that a couple of weeks ago too :-)
> Just for some encouragement before I try this, is there an easy way to

> translate something like
>
> window
> tvscl, indgen(256,256)
>
> into 'widget speak'?

Yep.

```
IDL> FSC_Window, 'TVImage', Indgen( 256, 256)
```

Resizable graphics window, automatic output to
all kinds of file output, color tables built
in, etc., etc.

You can find all the programs you need on my
web page. :-)

Cheers,

David

--

David Fanning, Ph.D.

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Subject: Re: How to pick a window?

Posted by [R.Bauer](#) on Sun, 28 Jan 2001 18:50:24 GMT

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AM wrote:

>
> Hi,
> I am trying to find out which idl window I clicked on (ie, selected) if
> I have a number of them on the screen. I want to feed that back into a
> routine that then goes and does something depending on which window I
> click on. I am using the "old fashioned" windows created with 'window',
> rather than these new fangled "widget windows". Is there a solution or do
> I have to use widgets? I am using idl 5.4 in a unix environment. Maybe I
> can get the window manager to say something to idl?

No I am sorry I have no solution to this but I will show you some trouble
you got if you don't save some system variables

```
tek_color
window,1,xs=100,ys=200
plot,findgen(100)
```

```
window,2,xs=200,ys=100
plot,findgen(100)
```

```
wset,1
oplot,findgen(100),color=4
```

```
wset,2
oplot,findgen(100),color=4
```

oplot on window 1 gives no blue line.

IDL stores always only for the last plot in !x, !y and so on the parameters which are necessary needed to add some plots later.

We have two useful routines in our library to get out of this trouble.

```
;+
; NAME:
;   savesysvar
;
; PURPOSE:
;   saves the settings of the !p, !x, !y, !z system
;   variables in a structure
http://www.fz-juelich.de/icg/icg1/idl\_icglib/idl\_source/idl\_html/dbase/download/savesysvar.tar.gz
```

```
+
; NAME:
;   restsysvar
;
; PURPOSE:
;   restores the settings of the !p, !x, !y, !z variables
;   from a structure previously saved with savesysvar()
;
http://www.fz-juelich.de/icg/icg1/idl\_icglib/idl\_source/idl\_html/dbase/download/restsysvar.tar.gz
```

For further routines and licensing please look at

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

=====
a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

Subject: Re: How to pick a window?
Posted by [davidf](#) on Sun, 28 Jan 2001 19:03:54 GMT
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Reimar Bauer (r.bauer@fz-juelich.de) writes:

```
> ;+
> ; NAME:
> ;     savesysvar
> ;
> ; PURPOSE:
> ;     saves the settings of the !p, !x, !y, !z system
> ;     variables in a structure
```

I'd add the !Map system variable too, if I wanted
a completely general solution. :-)

Cheers,

David

--

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Subject: Re: How to pick a window?
Posted by [thompson](#) on Tue, 30 Jan 2001 19:11:32 GMT

davidf@dfanning.com (David Fanning) writes:

... stuff deleted ...

> P.S. Let's just say if IDL weren't first written
> in Neanderthal times we would **all** be using widgets
> as windows. Sheesh!

Let me just say that if IDL were written as an environment where everything **had** to be done as a widget program, we probably would **not** be using IDL today. We'd be using something else more forgiving. And I say this as someone who's written a fair number of widget programs in his time.

William Thompson
