
Subject: Re: how to find the TLB of a widget
Posted by [davidf](#) on Wed, 22 Dec 1999 08:00:00 GMT
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Jonathan Joseph (jj21@cornell.edu) writes:

> Is there a simple way (other than recursively getting the parent)
> to find the Top-level base of a widget. I don't have an event
> structure to query (which stores it as one of it's fields).
>
> It seems that it should be obtainable in one fell swoop using
> widget_info or widget_control, but I can't seem to find
> it if it is there.
>
> Shall I bother to write the routine get_tlb (OK, I've already
> written as it is so trivial) or does such already exist.

No event structure!? Weird.

Then why not pass it as a parameter into whatever program
needs the information.

IDL makes it trivially easy to pick out any widget in
a widget hierarchy by using the FIND_BY_UNAME keyword
to WIDGET_INFO. For example, you could define the widget
that carried your info structure (a label widget in this
case) like this:

```
infoCarrierID = Widget_Label(base, Value='Columns:', $  
    UName='INFO_CARRIER')
```

Then find it (usually) in any event handler like this:

```
infoCarrierID = Widget_Info(event.id, Find_By_UName='INFO_CARRIER')
```

This is particularly useful in compound widgets, where the
info structure cannot be stored in the top-level base.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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Subject: Re: how to find the TLB of a widget
Posted by [JD Smith](#) on Thu, 23 Dec 1999 08:00:00 GMT
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In article <38613EC5.71E5AF2C@cornell.edu>, Jonathan Joseph
<jj21@cornell.edu> wrote:

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>
> -Jonathan
>
>

You don't need recursion... How about (given a widget dw).

```
repeat begin
  tlb=dw
  dw=widget_info(dw,/PARENT)
endrep until dw eq 0
```

JD
