
Subject: Listing all top-level widgets

Posted by [James Tappin](#) on Wed, 26 Jan 2000 08:00:00 GMT

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Is anyone aware of any way to generate a list of all the currently realized top-level widgets (or better still all the realized modal top-level widgets but getting that once provided with a list of all tlb's is easy)?

The only ways I can think of are:

```
1)
for j = 0l, largest_long do begin
  if (widget_info(j,/valid)) then begin
    if (widget_info(j, /parent) eq 0 and widget_info(j,/modal)) then$
      imodal = 1
    endif
  endif
endfor
```

Which would take forever to run

2) Require that any modal top-level base deposit it's ID in a common block
3) Dig out where the information is stored within xmanager (and hope that there are no modal widgets that don't use xmanager)

Or maybe there's a more elegant solution altogether to this problem, namely: I have a menu that pops up when a file search fails, and it is possible that the routine that called the file search was triggered from a modal menu, but it's about half-a-dozen calls away so passing a group-leader ID down the calling chain isn't really practical.

James

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