
Subject: Re: Printing a collection of widget items
Posted by [mmiller3](#) on Thu, 03 Aug 2006 14:27:57 GMT
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>>>> > "Ryan" == Ryan <rchughes@brutus.uwaterloo.ca> writes:

> Thanks for your response but all my draw widgets are
> indicator lights (only 1 of 5 colors) for about 30
> different things so putting the labels on manually would
> not be feasible. It would be better for me to spend my
> time writing something where all the indicators are written
> directly to a postscript file. I am using IDL on UNIX and
> have the plotting set to X windows. Thanks for the
> suggestion though.

Ryan,

Here's a procedure that uses import (from ImageMagick) to capture a top level base. It helps to know the title of the base widget as well as the widget id - then it is entirely automatic. Otherwise you'll need to select the window with the mouse. (does anyone know how to get the title of a base widget in IDL?)

Note that the type of file that you are capturing to is determined by the extension of the filename: .ps for postscript, .pdf for pdf, .jpg for jpeg, and so on.

Hope this helps, Mike

```
pro import_tlb, widget_id, filename, title=title
;; Bring the widget to the front:
widget_control, widget_id, iconify=0

;; If we know the window title, then capture it directly, otherwise
;; use what the user selects:
if n_elements(title) eq 1 then begin
    cmnd = 'import -screen -window "' + title + '" ' + filename
endif else begin
    cmnd = 'import -screen ' + filename
endelse
spawn, cmnd, result
print, result
end
```

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