
Subject: Re: the "real" screen size

Posted by [wlandsman](#) on Mon, 25 Oct 2010 18:09:49 GMT

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On Oct 25, 1:32 pm, mgalloy <mgal...@gmail.com> wrote:

>

>

> The EXCLUDE_TASKBAR is ignored on Macs, BUT it always returns the size
> *without* the menu bar (basically its the equivalent of
> EXCLUDE_TASKBAR=1 always):

I find this also -- so it looks like for Macs we can avoid the flashing to get the maximum useable image area, and that a program GetRealScreenSize() should have separate branches for Mac, Windows, and Linux.

A couple of other notes:

1. The value of !D.Y_SIZE on my Linux box is intelligent, in that if I hide the toolbar, I will get a larger value of !D.Y_SIZE, i.e. I will be able to write a larger IDL image.
2. An alternative to device,get_screen_size = win is to use the GET_SCREEN_SIZE() function in the ITTVIS library. Although the change is not documented, this function was completely rewritten in IDL 8.0 to use the IDLsysMonitorInfo object. However, it does not accept the EXCLUDE_TASKBAR keyword. --Wayne

```
IDL> print,get_screen_size()  
      1600      1200
```