
Subject: Re: TVRD() and WRITE_GIF

Posted by [Ivan Zimine](#) on Tue, 25 Jan 2000 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

widget_control, drawID, get_value=win_id
;get_value returns window id (in direct graphics)!

wset, win_id ; make this window current

good luck
Ivan

Mark Buckley wrote:

```
>  
> Hi,  
>  
> Hopefully this won't turn out to be a dozy question - I'm a bit out of  
> practise on IDL at the moment.  
>  
> Anyway, what I'd like to do is grab a window image, so that I can write it  
> out as a GIF.  
>  
> The difficulty I'm having is that as I'm using widgets, I'm not sure how to  
> get the actual window ID for the  
> the call to TVRD(), all I seem to get back is the draw widget contents.  
>  
> e.g.  
>  
> pro get_window  
>  
> base = widget_base(/column)  
> junk = widget_label(base,value = "Hi")  
> draw = widget_draw(base,xsize=200,ysize=300)  
> .  
> .  
> widget_control,base,/realize  
> widget_control,draw,get_value = draw_id  
>  
> res = tvrd()  
> help,res  
> end  
>  
> This just returns me an array of the draw widget (200x300), not the whole  
> window.  
>
```

> cheers,
>
> Mark

--

Ivan Zimine
Dpt. of Radiology (MRI), Geneva University Hospitals
email: ivan.zimine@physics.unige.ch
tel. : (+41 22) 372 70 70

Subject: Re: TVRD() and WRITE_GIF
Posted by [Mark Buckley](#) on Tue, 25 Jan 2000 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning <davidf@dfanning.com> wrote in message
news:MPG.12f77018aba984c39899f9@news.frii.com...

> All you are going to be able to get from within IDL is
> the contents of a graphics or draw widget window. Usually
> (thank Goodness!) this is what you want in your GIF file.
>
> When it is not (for example, when you want to see the
> whole graphical user interface of a program), you will
> have to get some kind of screen capture tool.

Yup, that was my intention. We already have a grabber that we use
(xv under Solaris) for some screenshots, I was just thinking that
it would be nice to be able to do it from a button on the GUI, rather
than firing up a seperate application.

Ok, thanks for your help!

cheers,

Mark

Subject: Re: TVRD() and WRITE_GIF
Posted by [Lazzar](#) on Tue, 25 Jan 2000 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

If your working on a MS Windows platform an easy way to do a screen capture of
the current window is ALT-print screen. This places a copy of the current
window to the clipboard then you can just paste it into paint and save it.

Brian

Mark Buckley wrote:

```
> Hi,  
>  
> Hopefully this won't turn out to be a dozy question - I'm a bit out of  
> practise on IDL at the moment.  
>  
> Anyway, what I'd like to do is grab a window image, so that I can write it  
> out as a GIF.  
>  
> The difficulty I'm having is that as I'm using widgets, I'm not sure how to  
> get the actual window ID for the  
> the call to TVRD(), all I seem to get back is the draw widget contents.  
>  
> e.g.  
>  
> pro get_window  
>  
> base = widget_base(/column)  
> junk = widget_label(base,value = "Hi")  
> draw = widget_draw(base,xsize=200,ysize=300)  
> .  
> .  
> widget_control,base,/realize  
> widget_control,draw,get_value = draw_id  
>  
> res = tvrd()  
> help,res  
> end  
>  
> This just returns me an array of the draw widget (200x300), not the whole  
> window.  
>  
> cheers,  
>  
> Mark
```

Subject: Re: TVRD() and WRITE_GIF
Posted by [davidf](#) on Tue, 25 Jan 2000 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Mark Buckley (mark.buckley@rl.ac.uk) writes:

```
> Hopefully this won't turn out to be a dozy question.
```

Are there dozy questions!? Well, if there are, I suppose I specialize in answering them. They are my favorite kind. :-)

> Anyway, what I'd like to do is grab a window image, so that I can write it
> out as a GIF.

All you are going to be able to get from within IDL is the contents of a graphics or draw widget window. Usually (thank Goodness!) this is what you want in your GIF file.

When it is not (for example, when you want to see the whole graphical user interface of a program), you will have to get some kind of screen capture tool. On my PC I like HyperSnap, which is a \$25 program that you can find out more about here:

<http://www.hyperionics.com/>

There are many shareware or free tools that do a similar job. I like HyperShap because you can include pull-down menus and the cursor in captured images. This makes it nice for illustrating how widget programs work in HTML documentation.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

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

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: TVRD() and WRITE_GIF

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

[View Forum Message](#) <> [Reply to Message](#)

Yes, I agree with Mark, it would be nice if IDL could grab the whole screen (or top-level widget and all sons/daughters).

It's OK to use a screen grabber, but when using multiple platforms, this is not that easy, especially when the users may not be computer literate, but can manage to select a button marked "Print Screen".

Regards,
Ian

Mark Buckley wrote:

> David Fanning <davidf@dfanning.com> wrote in message
> news:MPG.12f77018aba984c39899f9@news.frii.com...
>
>> All you are going to be able to get from within IDL is
>> the contents of a graphics or draw widget window. Usually
>> (thank Goodness!) this is what you want in your GIF file.
>>
>> When it is not (for example, when you want to see the
>> whole graphical user interface of a program), you will
>> have to get some kind of screen capture tool.
>
> Yup, that was my intention. We already have a grabber that we use
> (xv under Solaris) for some screenshots, I was just thinking that
> it would be nice to be able to do it from a button on the GUI, rather
> than firing up a seperate application.
>
> Ok, thanks for your help!
>
> cheers,
>
> Mark
