
Subject: Re: Another VM conundrum
Posted by [btt](#) on Fri, 12 Dec 2003 14:18:02 GMT
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JD Smith wrote:

> On Thu, 11 Dec 2003 12:46:11 -0700, David Fanning wrote:

>

>

SNIP

> I'm thinking I can probably get away

> with:

>

> device,DECOMPOSED=0,RETAIN=2

>

> which will always run since you need IDL>=6.0 to run the VM. What I worry

> about is how this will interact with various other systems (like Windows,

> Solaris, or MacOSX). Can anyone offer any feedback as to whether this

> call succeeds in doing what I asked without creating other problems?

>

Hello,

I tested the routine appended below as a VM on MacOSX X11. It seems to work fine when other windows cover/uncover and the window is minimized/restored.

I noticed that the terminal session I used changed from tcsh to idl and the the x11 terminal shows two windows: an xTerm (which I have to have up and running but don't use for the idl command prompt) and viola! Test_VM. So, unlike Windows, you can track down the the widget even when it's hiding.

I wonder if you might have in mind a different kind of test - something we code build as VM-ware and test out. I'd be happy to give it a whirl if needed.

Is this potential weakness/problem limited to direct graphics?

Ben

```
;;;;;BEGIN CODE
;;;;;
PRO Test_VM
```

```
device,DECOMPOSED=0,RETAIN=2
```

```
file = FILEPATH('rose.jpg', SUBDIRECTORY=['examples','data'])
```

```
truelImage = read_image(file)  
dim = SIZE(truelImage,/Dim)  
byteImage = bytscl(hanning(50,50))
```

```
Base = Widget_Base(title = 'Test_VM')  
Draw = Widget_Draw(base, xsize = dim[1], ysize = dim[2])
```

```
Widget_Control, base, /realize  
Widget_Control, draw, get_value = drawID  
Wset, drawID  
TV, truelImage, true = 1  
TV, byteImage
```

```
XMANAGER, 'test_vm', base  
END
```

```
;;;;;END CODE
```
