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Subject: Re: ITools and CentOS 6.7

Posted by [wlandsman](#) on Fri, 29 Apr 2016 01:20:11 GMT

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I suspect that this problem is closely related to one in the R language

<https://bugs.centos.org/view.php?id=9562>

The R plot works in CentOS 6.6 (or CentOS 7.1), but displays the background image under the window in CentOS 6.7. The solution appears to have been to update some X11 code within R, and presumably the same thing is needed for IDL.

We'll be submitting a bug report to Harris (and hoping that we won't be told that ITools is now deprecated). --Wayne

On Thursday, April 28, 2016 at 4:20:44 PM UTC-4, wlandsman wrote:

> A co-worker is having weird problems with a large IDL software package which uses ITools under Linux CentOS. It ran fine under CentOS 6.6 but fails after an upgrade to CentOS 6.7. I was able to verify the problems on my own machine.

>

> To see the problem, type

>

> IDL> iimage, dist(512)

>

> Under CentOS 6.7 the window content is filled with bits and pieces from other windows rather than the desired image. The rest of the ITools widget seems to be working correctly, including the histogram, the display of pixel values, and the hardcopy output of the image. We tried switching between hardware and software rendering and using differing backing store methods without success. We have verified the problem under both IDL 8.2 and IDL 8.5

>

> I don't find any problems with CentOS 6.7 in either direct graphics (TV) or function graphics (IMAGE()). So one answer might be to switch to these other systems, but the user has a large existing investment in programs written using ITools.

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> Thanks, --Wayne

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