Subject: Re: Catalyst Library

Posted by Robert Barnett on Thu, 03 Feb 2005 02:53:42 GMT

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Wonderful! Works in idl 6.1 on SunOS 5.9. The images occasionally look a bit silly because annotation colors are slipped into the look up table (LUT). However, I think it is quite a reasonable price to pay for the increase in performance. I tried setting 'device, decomposed=0' and 'device, decomposed=1' but it doesn't make any difference.

I wouldn't mind seeing 'Save window as DICOM' or perhaps even 'Send window to PACS' in the file menu. I've been using wrappers to spawn the DICOM Toolkit (DCMTK) for a while now. Amongst many other things DCMTK allows you to send/recieve images using command line executables. I've also got a DICOM writer which is just a logical extention of dicom_writer.pro.

Thanks David,

--

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Subject: Re: Catalyst Library
Posted by David Fanning on Thu, 03 Feb 2005 03:24:49 GMT
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Robert Barnett writes:

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- > 'device, decomposed=1' but it doesn't make any difference.

The Library should definitely be "device-decomposed-independent",

but I can believe things look silly on any but a 24-bit graphics card. Dave and I both thought there was no sense any more writing software that is restricted to 8-bits of color. It is a lot of work for machines that *surely* are going to be obsolete real soon now. :-)

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- > window to PACS' in the file menu. I've been using wrappers to spawn the
- > DICOM Toolkit (DCMTK) for a while now. Amongst many other things DCMTK
- > allows you to send/recieve images using command line executables. I've
- > also got a DICOM writer which is just a logical extention of
- > dicom_writer.pro.

As soon as I get a customer that requires DICOM output, I'll probably have to purchase that option. Meanwhile, my second son is picking out colleges and my attention (and wallet) is directed elsewhere. :-(

What is PACS, anyway? Never heard of it.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Subject: Re: Catalyst Library
Posted by Robert Barnett on Mon, 07 Feb 2005 00:09:11 GMT
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- > for machines that *surely* are going to be obsolete real soon now. :-)

David,

I am definately on 24-bit graphics display. If I do the following commands:

a = dist(255) & b = rot(a,33) & c = rot(a,60)

erase & tv, a, 0,0, 1 & tv, b, 0, 0, 2 & tv, c, 0, 0, 3

It looks as it would in windows.

My idl startup tells all:

adac9{24}(~/idl) > more idl.startup

device, TRUE_COLOR=24 device, decomposed=0 !order=1

I'm guessing that your application picks up that I'm using decomposed=0 and takes the sensible precaution of never trying to display more than 256 colors.

I think I used device, decomposed=0 because some of our older workstations here use Pseudo color. I too am of the opinion that they are ready for the junk heap.

--

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