
Subject: Re: Catalyst Library

Posted by [Robert Barnett](#) on Mon, 07 Feb 2005 00:09:11 GMT

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> 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. :-)

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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nrb@

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