
Subject: Re: Fractional Pixels Origin?

Posted by [CJCrockett](#) on Fri, 17 Feb 2006 15:40:38 GMT

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Okay, may be this bad form, but I'm going to respond to my own question. :-)

I tried a very simple test:

```
a = fltarr(100,100)
```

```
a[49:51,49:51] = 1.
```

```
cntrd,a,50,50,xcen,ycen,1.5
```

```
print,xcen,ycen
```

```
50.0000 50.0000
```

So, I made a 3x3 box centered on [50,50]. The centroid algorithm reports that the centroid is located at 50.000,50.000. This tells me that CNTRD sets the pixel origin at the center of the pixel. Does this seem like a reasonable test?

Regards,
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