
Subject: Re: Read Andor CCD camera .sif file format in IDL?
Posted by [Jim Pendleton](#) on Mon, 05 Mar 2012 20:01:11 GMT
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On Monday, March 5, 2012 12:07:46 PM UTC-7, M. Katz wrote:

> Has anyone written an image-file reader for Andor CCD-cameras' .sif file format? I see that such things exist for MATLAB.
> Thanks, M.

Bruxton has a package for capturing data capture from Andor cameras, among others, directly from IDL. I don't know if they have a stand-alone image file format reader, however.

<http://www.bruyton.com/SIDX/>

Jim P.

(This isn't to be construed as an endorsement of Bruxton or their products.)

Subject: Re: Read Andor CCD camera .sif file format in IDL?
Posted by [M. Katz](#) on Mon, 05 Mar 2012 20:33:58 GMT
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That's very helpful. I'll look into it. For now, all I'm really looking for is 20 lines of code to handle the headers and read the data into an array correctly. I poked around with readu and byteorder but after 15 minutes I decided I shouldn't try to reinvent the wheel.

Subject: Re: Read Andor CCD camera .sif file format in IDL?
Posted by [cgguido](#) on Mon, 05 Mar 2012 21:19:20 GMT
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On Monday, March 5, 2012 1:07:46 PM UTC-6, M. Katz wrote:

> Has anyone written an image-file reader for Andor CCD-cameras' .sif file format? I see that such things exist for MATLAB.
> Thanks, M.

Also, you could try BIO-FORMATS:

<http://loci.wisc.edu/bio-formats-format/andor-bio-imaging-di-vision-abd-tiff>

Bet you Andor's TIFF is also known as SIF...

I don't use bioformats directly from idl, but rather use a shell scripts to convert to regular tiff and then get on with it in IDL...

Gianguido
