Subject: Re: Has anyone worked with ARF files and brought them into IDL successfully?
Posted by Duppy on Sat, 07 Feb 2009 20:14:38 GMT
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On Feb 5, 2:24 pm, "ben.bighair" <ben.bigh...@gmail.com> wrote:
> On Feb 5, 12:59 pm, Vince Hradil <vincehra...@gmail.com> wrote:
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>> On Feb 5, 11:58 am, Vince Hradil <vincehra...@gmail.com> wrote:
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>>> On Feb 5, 11:48 am, Vince Hradil <vincehra...@gmail.com> wrote:
>
>>>> On Feb 5, 10:36 am, Duppy <richsuza...@gmail.com> wrote:
>
>>>> > I'm looking to write a program in IDL to parse a header so I can read
>>>> > an ARF file into IDL.   I'd also like to create an ENVI header
>>>> > somehow. I was told I could use the Data Viewer in ENVI to see the
>>>> > code, but I did it....wasn't sure exactly what I was supposed to look
>>>> > for.
>
>>>> > I'm very new at this and need a layman's perspective. I'm sort of
>>>> > being thrown into programming at my job and I'm not a programmer at
>>>> > all. Whatever help anyone could give would be greatly appreciated.
>
>>>> > Thanks,
>
>>>> > D.
>
>>>> Can you describe a little bit about what an ARF file is? Is it an
>>>> image format? What type of program writes the ARF file? I've written
>>>> several custom routines for reading all kinds of raw data formats -
>>>> first you have to know exactly how the data are "packed".
>
>>>> Thanks,
>>>> Vince
>
>>> I found this:http://tinyurl.com/ad6kel
>>> and also found out that xnview can read ARF files - maybe you can
>>> convert them?
>
>> I guess that xnview ARF might be something else...
>
> I think that Duppy might provide a little more detail, but since this
> is likely to be imagery (given the ENVI reference) then these two
> links might help. Or at least they can reduce the universe of
> possibilities by determining if ARF is related to FITS...

>
>   http://www.file-extensions.org/arf-file-extension-flexible-i mage-tran...
>
> and you can verify that a file is FITS using...
>
> http://fits.gsfc.nasa.gov/fits_verify.html
>
> Cheers,
> Ben

Sorry. Yesterday was a very busy day at work. I have never worked with .arf files before. I ordered some panchromatic imagery from a company called Sensiac. The data was all sent in movie files in this .arf file format using a program called ImageJ made from NIH---it's a free viewer comparable to IDL and ENVI apparently. Anyway, I'm used to not having problems bringing in files into ENVI. Now I have to do it via IDL and I'm not sure how to do it. Funny how you'd think attending the IDL courses I'd know how to bring in a simple file into ENVI after converting it in IDL, but they never taught that crap. I guess they figure teaching things like addition and subtraction of variables like 2+2 is more valuable than bringing in data.