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Subject: Re: BSQ to BIL

Posted by [jtmcahill](#) on Mon, 15 Feb 2010 16:42:21 GMT

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On Feb 11, 11:13 pm, pp <pp.pente...@gmail.com> wrote:

> On Feb 8, 6:59 pm, Hawaiianite <jtmcah...@gmail.com> wrote:

>

>> I'd be very interested to see what you have. I was under the  
>> impression ISIS files had to be in BIL format. Are you saying they  
>> don't necessarily need to?

>

>> Josh

>

> The class to read, edit and write cubes is called pp\_editablecube. The  
> routines you need to use it are documented at:

>

> [http://www.ppenteado.net/idl/pp\\_editablecube\\_\\_define.html](http://www.ppenteado.net/idl/pp_editablecube__define.html)  
> [http://www.ppenteado.net/idl/pp\\_readcube\\_\\_define.html](http://www.ppenteado.net/idl/pp_readcube__define.html)  
> [http://www.ppenteado.net/idl/pp\\_setcubeheadervalue.html](http://www.ppenteado.net/idl/pp_setcubeheadervalue.html)  
> [http://www.ppenteado.net/idl/pp\\_extractfields.html](http://www.ppenteado.net/idl/pp_extractfields.html)  
> [http://www.ppenteado.net/idl/pp\\_getcubeheadervalue.html](http://www.ppenteado.net/idl/pp_getcubeheadervalue.html)  
> [http://www.ppenteado.net/idl/pp\\_buffered\\_vector\\_\\_define.html](http://www.ppenteado.net/idl/pp_buffered_vector__define.html)

>

> and the .pro files are at the same location, with the corresponding  
> file names.

>

> The documentation on the ISIS cube format is scarce, so those are  
> partly based on examining the contents of Cassini VIMS cubes and of  
> ISIS' source code. It may be the case that some changes may be  
> necessary to handle other cubes. Let me know if you have problems.

I'm having trouble getting your code to run. Why are the .pro files labeled "\_define.pro"? Do I need to remove that and put them in the IDL library to run. Because right now it isn't recognizing them and keeps giving me a syntax error. IDL appears to not like the "::" before init before I try to run pp\_readcube.pro.

Consider me a novice. I find I've been using an older version of IDL for some time and am not familiar with a lot of what you are trying to offer.

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