
Subject: Re: BSQ to BIL

Posted by [jtmcahill](#) on Mon, 08 Feb 2010 16:01:47 GMT

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On Feb 6, 4:00 pm, Maxwell Peck <maxjp...@gmail.com> wrote:

```
>> a=isis_write, r_fid,filename + '_bil.cub'
```

```
>
```

```
> Hi,
```

```
>
```

```
> I'm not sure where ISIS_WRITE comes from (it's not an ENVI function as  
> far as i know), or what your actual error is, but it is unlikely it
```

```
> will accept the r_fid keyword. You will probably need to use the
```

```
> ENVI_GET_DATA function to put the band in an IDL variable and output
```

```
> it from that. If there is a lot of data you may need to use tiling
```

```
> (all in the ENVI Programmers guide).
```

```
>
```

```
> Max
```

David and Max,

I confess that I definitely got the syntax wrong with the `Isis_write` command. By the way, "`isis_write`" is a command that the USGS provides for making ".cub" files from IDL compatible with their mapping software program (ISIS). They have several commands help accommodate those of us that like aspects of both IDL and ISIS. In this particular case, I'm looking to format this file for import into ISIS but I've never had to do a BSQ to BIL conversion.

Anyway, I'm more concerned with converting the file to BIL format first. I can worry about writing the .cub file later (which I've done before I'm just a bit rusty, obviously). What I don't understand is the above code (with the `isis_write` command commented out) makes a file that ENVI says is a BIL when opened and provides a small header file with basic information. How can verify that this is true. I'm worried it may have only changed some info in the header to appease me. I've tried verifying this by loading it into ISIS with a RAW2ISIS procedure but it gives me a pretty messed up image so either it isn't writing out the header info correctly for me to enter into ISIS or it hasn't made the conversion at all. It looks beautiful in ENVI and says it is a BIL but that is one step short of where I need to go.

Any thoughts?

Josh
