
Subject: BSQ to BIL

Posted by [jtmcahill](#) on Fri, 05 Feb 2010 19:46:43 GMT

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Hi,

I'm trying to convert a BSQ to BIL and then make an ISIS .cub file using some of the ENVI Doit functions and a write_isis command. Converting to BIL appears to work when I run the program below (meaning it is identified as a BIL when I open it in ENVI) but I'm having trouble making an ISIS .cub file out of the product. I realize my mistake may be in ISIS but I want to make sure I've converted it to BIL correctly first.

Second, the write_isis command isn't being recognized by idl.

I'd appreciate any help with either topic.

```
pro bsq2isis,filename

envi, /restore_base_save_files
envi_batch_init, log_file='batch.txt'
envi_open_file, filename, r_fid=fid
envi_file_query, fid, dims=dims, nb=nb
  pos = lindgen(nb)
  out_name = out_name
envi_doit, 'convert_doit', $
  fid=fid, pos=pos, dims=dims, $
  o_interleave=1, out_name=filename + '_bil.img', $
  r_fid=r_fid
a=isis_write, r_fid,filename + '_bil.cub'

end
```
