
Subject: Re: Error when calling ENVI_WRITE_ENVI_FILE
Posted by [Josh Sixsmith](#) on Tue, 29 Oct 2013 01:07:37 GMT
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```
> What you *really* want is the data tag from each structure:
>
> IDL> help, arrOfStr.data
>
> IDL> print, arrOfStr.data
>
>
>
> -----
```

Exactly what Phillip has mentioned. Use the tag names to get at the actual data array contained within the structure. The "data" argument to "ENVI_WRITE_ENVI_FILE" is the array itself, not a structure that contains the arrays.

You could pre-allocate an array that will contain all the bands.
eg

```
red_data = READ_ASCII(redfile, DATA_START = 6, DELIMITER = string(9B))
columns = 4000 ; or whatever it may be
rows    = 4000
bands   = 7
all_bands = FLTARR(columns, rows, bands)
all_bands[:,*,0] = red_data.data_tag_name ;data_tag_name could be data as in the example
provided by Phillip.
```

and so on for all the necessary bands.

```
bnames=['1','2','3','4','5','6','7']
```

Then
ENVI_WRITE_ENVI_FILE, all_bands, bnames=bnames, nb=bands, nl=rows, ns=columns,
out_name='my_envi_file'

Hope that helps.

Cheers
Josh
