
Subject: Re: Write 3dimensional array as bsq-file without using ENVI Methods
Posted by [Yngvar Larsen](#) on Mon, 17 Aug 2015 08:41:17 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Monday, 17 August 2015 09:52:46 UTC+2, jil...@googlemail.com wrote:

> Hi thanks for your suggestion. However, I need bsq-files as output... is there no possibility for that? I have both licences, ENVI and IDL but it should run without opening ENVI, so that is applicable without ENVI and therefore everywhere... :/.

> best regards,

> Ina

To write the binary (bsq) file itself is no problem. Just make sure that your array has the band dimension last (using TRANSPOSE if necessary), and write to disk:

```
A = fltarr(npixels, nlines, nbands)
openw, unit, 'myfile.bsq', /get_lun
writeu, unit, A
free_lun, unit
```

However, you must write code to dump the corresponding ENVI header file yourself. In simple cases this is rather easy, but a general solution is a lot of work.

--

Yngvar
