
Subject: Re: save multiple bands in one file in IDL ENVI
Posted by [zacharyanorman](#) on Fri, 29 Apr 2016 04:33:26 GMT
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Glad you found it! It can be tricky learning a new programming language, but there are plenty of examples in the documentation center for the ENVI API. The most helpful thing to find out how to use different ENVI objects in idl is to use the "help" procedure in IDL on them and search for the object name. For example:

```
IDL> e = envi(/headless)
ENVI> ;specify parameters at the top of procedures
ENVI> file = Filepath('qb_boulder_msi', ROOT_DIR=e.Root_Dir, $
ENVI> SUBDIRECTORY=['data'])
ENVI>
ENVI> raster = e.openraster(file)
ENVI> help, raster
RASTER      ENVIRASTER <41479>
```

If you then search online for "ENVIRASTER" you should get all of the methods and lots of examples for how to use them on harrisgeospatial.com.

Also, here is a help article that I wrote (I actually work at Harris - used to be Exelis VIS) with an example using a tile iterator in the new API for doing band math.

[http://www.harrisgeospatial.com/Support/HelpArticlesDetail/T
abId/219/ArtMid/900/ArticleID/14531/An-example-of-performing
-band-math-with-the-new-ENVI-API.aspx](http://www.harrisgeospatial.com/Support/HelpArticlesDetail/TabId/219/ArtMid/900/ArticleID/14531/An-example-of-performing-band-math-with-the-new-ENVI-API.aspx)

Let me know if you have any other questions!
