Subject: what is the most convenient way to read an image generated by ENVI in IDL

Posted by Julia on Tue, 22 Oct 2002 03:12:59 GMT

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Hi, there,

After some operations in ENVI, I output the resulting image using the format
'.img'. It's an multispectral image.
The '.hdr' head file is like this:
ENVI
description = {
 image [Fri Oct 18 11:01:10 2002]}
samples = 116
lines   = 261
bands   = 4
header offset = 0
file type = ENVI Standard
data type = 4
interleave = bsq
sensor type = Unknown
byte order = 0

My question is: how can I read this file using IDL functions?
Now I am doing this using the following:
 imgdata = READ_BINARY('test.img', DATA_TYPE = 4, DATA_DIMS = [116, 261,
4]).

But I need to specify the data type and dimensions of the image. How can I
read it more generally that I need to specify nothing? Is there other
functions in IDL?

Any suggestion will be appreciated.

Regards,

Julia