
Subject: ENVI header files in IDL

Posted by [raghuram](#) on Wed, 27 Feb 2008 15:29:35 GMT

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Hi,

In IDL, i'm using filesearch function to read through files of certain types.

Since an envi file has no specific extension, i'm not able to figure out how to sort out the files.

Here's an example:

Say i have 2 images in ENVI format. It would look like IMAGE1, IMAGE1.hdr, IMAGE2, IMAGE2.hdr.

As you can see, its only the header file which has the extension. When i use the filesearch(image*), i am not able to ignore the header files. These header files are not to be processed.

Any ideas of how to choose only the images and not the header files, as in this case ?

I guess i could convert the files to IMG so that they have an extension, but there must be an easier way.

Thanks,

Raghu

Subject: Re: ENVI header files in IDL

Posted by [Jean H.](#) on Tue, 11 Mar 2008 15:16:51 GMT

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> Hi,

>

> I got a very simple answer to my question from James Jones on the
> ITTVIS usergroup.

>

> Here it is:

>

> images=FILE_SEARCH('*[^.]{hdr}'], /QUOTE)

>

> In this case, the file_search function ignores the hdr files and reads
> in only whats left.

> Credit to James Jones for this.

>

> Thanks,

> Raghu

Hi,

it is good if you only have 2 files: the data and the header. Now, if you have more (like a .aux if you open your data in ArcGis), this file will be found and treated as a data file, while it is not..

Jean

Subject: Re: envi header file

Posted by [rogass](#) on Thu, 01 Jul 2010 14:23:31 GMT

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On 1 Jul., 11:55, dolly <gaurijyot...@gmail.com> wrote:

- > I want envi files to input in itpfind (kennedy and cohen 2003) idl
- > code for image tie point. But the itpfind code needs header file with
- > following information;
- >
- > BANDS: ok
- > ROWS: ok
- > COLS: ok
- > DATATYPE: ok
- > UL_X_COORDINATE: ?
- > UL_Y_COORDINATE: ?
- > LR_X_COORDINATE: ?
- > LR_Y_COORDINATE: ?
- > PIXEL_WIDTH: ok
- > PIXEL_HEIGHT: ok
- >
- > Could anybody suggest me how to put (?) information in envi hdr file?
- > Any help will be much appreciated.

Hi,

Just have a look in the ENVI help for ENVI_SETUP_HEAD and GEO_POINTS.

Regards

CR
