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Subject: Re: ENVI header files in IDL

Posted by [Bob\[3\]](#) on Wed, 27 Feb 2008 17:29:07 GMT

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On Feb 27, 10:39 am, David Fanning <n...@dfanning.com> wrote:

> Raghu writes:

>> 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.

>

> Are you feeling confident this morning? Charged up?

> If so, you may want to try to wrap your head around

> regular expressions. Here is where I would go for a

> start:

>

> <http://www.itvis.com/codebank/search.asp?FID=311>

>

> This points you to Mike Galloy's excellent article on

> the subject. I've been studying the damn things for years

> without making the slightest bit of progress, but maybe

> you will have more luck.

>

> Failing that, I think a WHERE statement to locate the

> parts of the file search array you want to keep

> (or eliminate) wouldn't be totally out of place. :-)

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

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> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")- Hide quoted text -  
>  
> - Show quoted text -

Or, if you know you only have at max image0 thru image9:  
result = FILE\_SEARCH('image?')

Or if your known max is image99:  
result = FILE\_SEARCH('{image?,image??}')

(that is if you're not feeling up to regular expressions)

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