
Subject: Re: ENVI header files in IDL

Posted by [David Fanning](#) on Wed, 27 Feb 2008 15:39:11 GMT

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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.ittvis.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

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
