
Subject: Re: Read values from a table with IDL - narrowed-down question

Posted by [Vince Hradil](#) on Thu, 17 May 2007 15:50:45 GMT

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On May 17, 4:13 am, DirtyHarry <kim20...@gmail.com> wrote:

> I posted a message few days ago and have been waiting any suggestions,
> but no one reply. (I am really sad and feel left out.. T.T) I think my
> question was too broad and vague. Therefore, I narrowed down the
> question.

>

> What I really would like to do now is just to read values of the table
> shown below.

>

> Skyl_lut.dat00.dat

>

> Aerosol_type: Continental

> MODIS_Band_1: (0.620,0.670)

> S&O 0.00 0.02 0.04

> -----

> 0 0.027 0.040 0.053

> 1 0.028 0.041 0.054

> 2 0.029 0.042 0.055

>

> There are 9 target values in this table. Others are just kind of input
> variables to get those values.

>

> For example, in order to read 0.055 in the table, required input
> variables are...

>

> aerosol_type = continental

> MODIS band = 1

> Optical depth = 0.04

> solar zenith angle = 2

>

> If it is possible, I want to do make a function with 4 input
> variables, and then the output of this function should be a value in
> this table.

>

> Sorry for bothering you, but please give me any suggestions. Thanks in
> advance.

>

> Harry

Depending on how flexible you want it to be, you should be able to
build something using something like:

```
line="
```

```
while not eof(lun) do begin
```

```
readf, lun, line  
linesep = strsplit(line,/extract)  
;; compare various linesep[] values with the given arguments  
endwhile
```
