
Subject: RESIZE_DOIT

Posted by [sawahrman](#) on Tue, 24 May 2016 17:30:43 GMT

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Hi all,

I've written some code to batch resize some image data, and I'm getting the following error message:

Type conversion error: Unable to convert given STRING to Integer.

The loop I've written to resize the data is:

```
while (i lt total_frames) do begin
  Swath_size = [-1L,0,480,Start_Line, End_Line]
  ENVI_DOIT, 'RESIZE_DOIT', FID=in_file, DIMS=Swath_size,$
  OUT_NAME=input_file_name + Swath_num, R_FID=in_file, RFACT=Swath_size
  Swath_num = Swath_num + 1
  Start_Line = Start_Line + Num_Scene_Frames + Num_Invalid_Frames
  End_Line = Start_Line + Num_Scene_Frames
end
```

I'd appreciate some more sets of eyes to help me see what I'm missing.

Thanks

Subject: Re: RESIZE_DOIT

Posted by [Jim Pendleton](#) on Tue, 24 May 2016 19:58:30 GMT

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On Tuesday, May 24, 2016 at 11:30:47 AM UTC-6, Spencer Wahrman wrote:

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>

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>   Start_Line = Start_Line + Num_Scene_Frames + Num_Invalid_Frames
>   End_Line = Start_Line + Num_Scene_Frames
>   end
```

>

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>

> Thanks

In this expression

```
OUT_NAME=input_file_name + Swath_num
```

the variable "input_file_name" is a string, I presume, while "Swath_num" is an integer. In the IDL language, the "+" operator applied to a number and a string will attempt to cast the string to a number, and not the other way around.

You probably want something like the following instead

```
OUT_NAME=input_file_name + Swath_num.toString()
```

or

```
OUT_NAME=input_file_name + strtrim(Swath_num, 2)
```

Jim P
