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Subject: Re: IDL Array Indices Command  
Posted by [David B](#) on Fri, 20 Mar 2015 13:30:00 GMT  
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On Friday, March 20, 2015 at 1:24:19 PM UTC, Fabien wrote:

> On 20.03.2015 13:51, David B wrote:

>> IDL> help, cl\_xy

>> CL\_XY        LONG     = Array[2, 118090]

>>

>> This array seems to be causing issues with the array indices command:

>>

>> IDL> col\_eight = FIX(DISTANCE\_MEASURE(cl\_xy, /MATRIX, MEASURE = 2), type = 3)

>>

>> % Illegal subscript range: INDEX1.

>> % Execution halted at: CLOUDWALKER        979

/home/dbresnahan/idl/cloudroutines/cloudwalke

>>    r/cloudwalker.pro

>> %                \$MAIN\$

>

>

> I tried your example with a smaller input and it worked fine. According  
> to the documentation, with the /MATRIX keyword you are going to build a  
> matrix of 118090 x 118090 elements, which could be the reason for crashing.

>

> Fabien

That is unfortunate.

Thanks a lot for your help. I know it is a massive array, but I thought IDL could handle it. Mistaken I am.

David

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