Subject: Re: Trailing array dimensions
Posted by Helder Marchetto on Wed, 01 Jul 2015 11:58:59 GMT

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On Wednesday, July 1, 2015 at 1:12:09 PM UTC+2, rj...@le.ac.uk wrote:
> On Wednesday, July 1, 2015 at 10:21:07 AM UTC+1, rj...@le.ac.uk wrote:
>> Can someone explain where I'm going wrong with this please?
>
>
> I've got the problem reduced to the fact that I don't know how to test an array to see if it has a trailing dimension.
>
> SIZE reports it only has 1 dimension and ignores the trailing dimension.

Hi,
how about using reform?

IDL> my_variable=indgen(10,1)
IDL> if size(my_variable,/n_dimensions) eq 1 then data = {my_variable:reform(my_variable,10,1)}
else data = {my_variable:my_variable}
IDL> help, data
** Structure <18c8f8d0>, 1 tags, length=20, data length=20, refs=1:
   MY_VARIABLE   INT   Array[10, 1]

Cheers,
Helder