Subject: Re: Dropped dimensions?
Posted by lecacheux.alain on Sun, 01 Jul 2012 07:43:26 GMT
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On 1 juil, 07:51, Craig Markwardt <craig.markwa...@gmail.com> wrote:
> On Thursday, June 28, 2012 3:07:39 PM UTC-5, wlandsman wrote:
>> On Thursday, June 28, 2012 3:45:45 PM UTC-4, wlandsman wrote:
>>> On Sunday, March 28, 1999 3:00:00 AM UTC-5, Craig Markwardt wrote:
>
>>> How do you end up with a scalar? At least since IDL V7.1, I find,
>
>> To answer my own question, the subsequent processing might convert a 1 element array to a scalar. I do try to have my own programs avoid such conversions, but it can be hard to maintain consistency. --Wayne
>
> I try too, but sometimes it just works out that a scalar pops out.
>
> Wow, this thread started 13 years ago!
>
> Craig
>
>

I do not feel that the implicit reforming of arrays dimensions is a too strong problem (even if discussed for 13 years!). First, because only the last dimension of an array can be concerned (with possible recursion); second, because the problem arises only in the case of a statement explicitly asking for dimension (like total, max, mean...). Then if you like to be generic, you must use, as Craig's said, some construct like total(reform([array], mydims), dim). In all other cases, this IDL rule is an advantage rather than an inconvenience.
alain.