Subject: Re: make scalar?

Posted by jkj on Sat, 02 Jun 2007 20:24:56 GMT

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On Jun 1, 6:19 pm, Marshall Perrin <mperrin+n...@serpens.berkeley.edu> wrote:

- > Is there an equivalent of make_array that will create a scalar variable,
- > of a type only specified at runtime? Of course I can just create an
- > array and then truncate it to a scalar,
- v = (make array(1,type=typecode))[0]>
- > but that seems kind of convoluted. I searched around a bit and didn't
- > find anything, but perhaps I'm missing something obvious. I do that
- > from time to time. :-)

- Marshall

I resemble the mark about missing obvious things:-) so I'll reply that it seems to me all scalar variables in IDL match your description. That is, any scalar variable can be of any type and dynamic assignment is the norm, therefore the equivalent of make array for scalars would be completely redundant.

So, what obvious thing am I missing in your question? -Kevin

Subject: Re: make scalar? Posted by Jim Pendleton on Sun, 03 Jun 2007 00:13:56 GMT View Forum Message <> Reply to Message

"jkj" <kevin@vexona.com> wrote in message news:1180815896.610302.271370@u30g2000hsc.googlegroups.com... > On Jun 1, 6:19 pm, Marshall Perrin <mperrin+n...@serpens.berkeley.edu> > wrote: >> Is there an equivalent of make array that will create a scalar variable, >> of a type only specified at runtime? Of course I can just create an >> array and then truncate it to a scalar,

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- >> but that seems kind of convoluted. I searched around a bit and didn't
- >> find anything, but perhaps I'm missing something obvious. I do that
- >> from time to time. :-)

>>

 Marshall >>

- > I resemble the mark about missing obvious things :-) so I'll reply
- > that it seems to me all scalar variables in IDL match your
- > description. That is, any scalar variable can be of any type and
- > dynamic assignment is the norm, therefore the equivalent of make_array

- > for scalars would be completely redundant.
- >
- > So, what obvious thing am I missing in your question?
- > -Kevin

>

I've run into situations like this when I have a data description in a separate

place from a data stream. For example, if I have a socket client that must read

a data type before allocating the appropriate amount of space to read the subsequent data.

The FIX function has a TYPE keyword to allow the creation of a scalar of a particular IDL numeric data type.

Jim P.