Subject: Re: problem with arrays of structures
Posted by Martin Schultz on Wed, 07 Jan 1998 08:00:00 GMT
View Forum Message <> Reply to Message

Theo Brauers wrote:
>
> Hi.
>
> I was trying to copy the contents of an array to an
> element of an array of structures:
>
>   FUNCTION test2, str
>   r = { a: ", b:1.}
>   i=n_elements(str)
>   r2 = replicate(r, i)
>   help, r2, r2.a
>   r2.a=str   ; <----------
>   r2.b=float(str)
>   return, r2
>   END
>
> works fine with
>   x=test2('100')
>   x=test2(['100', '101'])
>
> but fails with
>   x=test2(['100'])
>
> Whats am I doing wrong? Or does IDL wrong with
> array of one element?
>

Hi Theo,

  you have to use str(0) in the case of 1 element. Replace the marked
lines with

    if (i gt 1) then r2.a=str else r2.a=str(0)
    if (i gt 1) then r2.b=float(str) else r2.b=float(str(0))

BTW: you are here quite frequently now. Is Franz R. not around ? ;-)

Martin.

-- -------
Dr. Martin Schultz
Department for Earth&Planetary Sciences, Harvard University
186 Pierce Hall, 29 Oxford St., Cambridge, MA-02138, USA

phone: (617)-496-8318
fax : (617)-495-4551

e-mail: mgs@io.harvard.edu
IDL-homepage: http://www-as.harvard.edu/people/staff/mgs/idl/
-- -------