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Subject: Re: problem with arrays of structures

Posted by [Martin Schultz](#) on Wed, 07 Jan 1998 08:00:00 GMT

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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.

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Subject: Re: problem with arrays of structures  
Posted by [Michael Werger](#) on Wed, 07 Jan 1998 08:00:00 GMT  
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>
```

Replace

```
r= { a:",b:1.}
```

with

```
r = { a:[ ],b:[1.]}
```

Then you need not to worry about your input (but probably of your output

;-( )

Cheers,

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