
Subject: Array to Scalar

Posted by [sanjay](#) on Wed, 23 Aug 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I noticed, accidentally, that the multiplication of an array by a scalar and multiplication of an array by an array of length 1 gives two different answers. Even though this is to be expected for general arrays, there needs to be an exception for array of size 1.

Consider the following example:

```
a=findgen(10)
; unrelated code
factor=interpol(....)
```

factor returns array of size 1 and if I use

```
a=a*factor
```

I am left with just one value whereas I expect an array of size 10 each of the elements multiplied by factor!

My 2 cents worth!.

-sanjay
