
Subject: STRING with FORMAT keyword and REFORM

Posted by [btt](#) on Wed, 11 Jan 2006 15:11:47 GMT

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

Hello All,

I just bumped into a funny thing. When calling

```
result = STRING(array, FORMAT = '(something'))
```

a 2d array is reformed into a 1d array.

Here's an example...

```
print, !VERSION  
;{ ppc darwin unix Mac OS X 6.2 Jun 20 2005    32    32}
```

```
number = REBIN(INDGEN(1,10), 10,10)  
text = STRING(number, FORMAT = '(I2.2)')  
help, number, text
```

```
;NUMBER      INT      = Array[10, 10]  
;TEXT        STRING   = Array[100]  <<<<< reformed, nuts!
```

```
text = STRING(number)  
help, number, text  
;NUMBER      INT      = Array[10, 10]  
;TEXT        STRING   = Array[10, 10] <<<< not reformed
```

```
text = STRING(text, format = '(I2.2)')  
help, number, text
```

```
;NUMBER      INT      = Array[10, 10]  
;TEXT        STRING   = Array[100]  <<< still reformed
```

I can re-reform the array, but nothing pops out at me from the online help about this. Is this expected behavior?

Thanks,
Ben
