
Subject: Re: Null terminated strings

Posted by [Malcolm Walters](#) on Wed, 09 Jan 2002 10:26:23 GMT

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"James Kuyper" <kuyper@gscmail.gsfc.nasa.gov> wrote in message
news:3C3B5D8D.9050806@gscmail.gsfc.nasa.gov...

>
> You're relying there on the fact that btest is a two-dimensional array;
> string() converts each row into a separate string. In the case I'm
> worrying about, I would have a single IDL string, containing null
> characters at arbitrary positions. Try the following:
>
> btest = [84B,104B,105B,115B,0B,105B,115B,0B,97B,0B,106B,101B,115B,11 6B]
> stest = string(btest)
>
> All you get in stest is the 'This'.
>

Personally I would do this in two stages,

Firstly if you replace each 0B with a 10B using

```
btest[where(btest eq 0B)]=10B
```

you can now print btest then you get the line breaks (This can be used in
message boxes etc.)

Or if you want to go one further then split them using

```
stest = strsplit(string(btest),string(10B),/extract)
```

```
print, stest
```

```
    This is a jest
```

```
help,stest
```

```
    <Expression>  STRING  = Array[4]
```

I hope this is of some help.

Malcolm Walters
