
Subject: Re: using print statement to print to memory or a variable?

Posted by [Michael Galloy](#) on Thu, 16 Aug 2012 20:24:58 GMT

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

On 8/16/12 2:03 PM, Mark Q wrote:

> Pardon me if this is general knowledge, but I'm trying to figure out if it's possible to use a print statement to print to a plot, so to speak.

>
> The basic idea is this. I have some complicated code which eventually contains a line:

>
> printf,lun,"some format here", var1,var2,var3

>
> which prints to the screen or a file.

>
> As I recall, in fortran it's possible to print to memory (or print to a variable), and then to read that string from memory, which I could then send to a plot. For obnoxious reasons, I'd rather do this than rewrite the code to actually generate a character string...

>
> Thanks,

>
> Mark

>

STRING and PRINT/PRINTF take arguments and format strings in the same manner, so it's not hard to change between them, i.e.,

```
printf, lun, a, b, c, format=format_string
```

or

```
s = string(a, b, c, format=format_string)
```

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Research Mathematician

Tech-X Corporation

Subject: Re: using print statement to print to memory or a variable?

Posted by [astroboy.20000](#) on Thu, 16 Aug 2012 21:03:36 GMT

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

>
> STRING and PRINT/PRINTF take arguments and format strings in the same

>

> manner, so it's not hard to change between them, i.e.,
>
>
>
> printf, lun, a, b, c, format=format_string
>
>
>
> or
>
>
>
> s = string(a, b, c, format=format_string)
>
>
>
> Mike
>
> --
>
> Michael Galloy
>
> www.michaelgalloy.com
>
> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
>
> Research Mathematician
>
> Tech-X Corporation

Thanks Mike,

I suspect that's what I'll have to wind up doing. The code kicks out about 100 printf outputs, all different depending on the inputs, and sometimes I'll need things to just print to a file or screen, but sometimes it would be nice to have a character string kicked out for a title, say...

Subject: Re: using print statement to print to memory or a variable?

Posted by [DavidF\[1\]](#) on Thu, 16 Aug 2012 21:20:31 GMT

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

Mark writes:

> I suspect that's what I'll have to wind up doing. The code kicks out about 100 printf outputs, all different depending on the inputs, and sometimes I'll need things to just print to a file or screen, but sometimes it would be nice to have a character string kicked out for a title, say...

It might take 30 seconds to write a wrapper that could do this.

Cheers,

David
