
Subject: Re: Formatted printf output

Posted by [Wout De Nolf](#) on Tue, 21 Jun 2011 14:11:04 GMT

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On Tue, 21 Jun 2011 06:30:11 -0700 (PDT), Axel M <axelus@gmail.com> wrote:

> Hi,
> I am trying to print a list of numerical values into a .txt file to be
> later imported by Excel. For this purpose, I want to change IDL's
> output when printing from 2.35 to 2,35 (comma).
> I was looking in the format codes in printf but was not successful...
> Somebody has a clue how to do that?

Other than converting to a string and parsing with STRSPLIT/STRJOIN or STRPOS/STRPUT, I wouldn't know.

Subject: Re: Formatted printf output

Posted by on Wed, 22 Jun 2011 10:12:08 GMT

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On Jun 21, 4:11 pm, Wox <s...@nomail.com> wrote:

> On Tue, 21 Jun 2011 06:30:11 -0700 (PDT), Axel M <axe...@gmail.com>
> wrote:
>
>> Hi,
>> I am trying to print a list of numerical values into a .txt file to be
>> later imported by Excel. For this purpose, I want to change IDL's
>> output when printing from 2.35 to 2,35 (comma).
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>
> Other than converting to a string and parsing with STRSPLIT/STRJOIN or
> STRPOS/STRPUT, I wouldn't know.

Ok, thanks.

It is not optimal in my situation, because STRPUT and STRPOS accept string arrays, but STRPUT accepts only a scalar value for the position, so that I would need to create a FOR loop iterating over each single value...

Is there some other solution using string formatting which would avoid this? I copy my simple code below.

;Save a 1D or 2D array as text file with : separated values which can be imported by Excel

```
PRO XLS_save, fn, data
  OPENW, unit, fn, /GET_LUN
  FOR i=0, (SIZE(data, /DIMENSIONS))[0]-1 DO BEGIN
    printf, unit, STRJOIN(STRING(REFORM(data[i,*])), ':')
  ENDFOR
  CLOSE, unit & FREE_LUN, unit
END
```
