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).
>> 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.

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