Subject: Re: print a la C
Posted by knipp on Wed, 04 Jun 1997 07:00:00 GMT
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In article <338D9954.344A@acm.org>, Andrea Spinelli <spinellia@acm.org> writes:
> Hi,
>
> does anybody know whether there is a freely available somewhere a
> function for printing floats in a way similar to the %g
> argument of printf? E.g.:
>
> printf("%g\n",0.02); [C]
> results in
> 0.02
>
> print, 0.01   [IDL]
>   0.0100000
>
> (no extra blanks, no extra zeroes)
>
> Of course, I could say in IDL
>
> print,format='(f4.2)',0.01
>
> but I need something that, without knowing the number of
> digits in advance, makes an earnest effort to save space
> and keep readability (and works, e.g., also with 0.003!!!)
>
> Thanks in advance,
> Andrea Spinelli
> spinellia@acm.org

Andrea,

do something like:

 - convert number to string via
  s_num = strtrim(string(number), 2)

 - get last non-zero char. via strpos

 - print

Karl

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