Subject: Re: number format in structure
Posted by Paolo Grigis on Mon, 26 Sep 2005 12:04:48 GMT
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kl_tah@hotmail.com wrote:
> Hi David, Craig,
>
> Thanks for the tips.
> However, what I was really wanting to do was to output a long string of
> numbers, each entry with a different format, to a file (which will
> ultimately be used in a tex table).
> So I have, for eg.
>
> line=[strtrim(3.45,2),'&',strtrim(5.678,2),'\\']   ;and lots more
> printf,lun,line
>
> This would probably mean appending a long string for formats to printf.
> If I could get each entry in to a format I want before putting them in
> an array this would really save on a lot of counting. Perhaps there's a
> way to write a program that does something like
>
> a=3.55677
> a=format(a,'(F4.2)')
> print,a
> 3.55
The command "string" does that for you
a=3.55677
b=string(a,format='(F4.2)')
print,b

3.56 (rounded, not truncated)

Now you can loop over your values, appending
the new values and the separators you need using the
+ operator for strings (e.g. output=output+b+'&')

Cheers,
Paolo
>
>
> ?
>
> Thanks,
> KL
>