David Fanning wrote:
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> David Fanning (david@dfanning.com) writes:
>
>> K Banerjee (kbanerjee@ucwphilly.rr.com) writes:
>>
>>> Say I have the string "20.304000". How can I eliminate the last 3
>>> zeros?
>>
>> Oh, man, this is going to get me banished from the IDL
>> Expert Programmers Association, but what about this
>> little function:
>>
>> ;***
>> FUNCTION StripZeros, str
>>
>> IF N_Elements(str) EQ 0 THEN $
>>   theString = '20.304000' ELSE $
>>   theString = str
>>
>> char = (Reverse(Byte(theString)))[0]
>> IF char NE 48 THEN RETURN, theString ELSE BEGIN
>>   WHILE char EQ 48 DO BEGIN
>>   theString = StrMid(theString, 0, StrLen(theString)-1)
>>   char = (Reverse(Byte(theString)))[0]
>>   ENDWHILE
>> ENDELSE
>> RETURN, theString
>> END
>> ;***
>>
>> Run it like this:
>>
>>   IDL> Print, StripZeros('20.304000')
>>   20.304
>>
>> I'm not claiming elegant here, but it took me 3 minutes, tops!
>> I'm *sure* I could make it shorter if I had more time. :-)
>
> Alright, I've thought about it a little bit. How about this:
>
>   IDL> str = '20.304000'
>   IDL> str = String(str, Format='(F6.3)')
>   IDL> Print, str

>   20.304

I'd assume from the title that he wants to remove ALL of the trailing
zeros, no matter how many or how few they are.