
Subject: Re: Formatting strings to coordinates

Posted by [Paul van Delst](#) on Fri, 19 May 2000 07:00:00 GMT

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Simon de Vet wrote:

>
> The data analysis adventure continues... I have read in the data, and am
> now working on the various plots.
>
> I have a string array, taken from the text file, of coordinates.
> However, they are in the form "43.92;½S", and "176.50;½W".

Off the top of my head, I can think of two ways:

1) The STR_SEP method where the degree symbol, ½, is the separator. The first element of the result is then just the number in string form. By using FLOAT, you'll have a real number. (However, I don't know how to represent the symbol ½ in the command....ASCII escape sequence or something like that?)

2) Lopping off the last two characters manually, e.g.:

```
c_lat = "43.92;½S"  
len  = STRLEN( STRTRIM( c_lat, 2 ) ) ; Make sure there are no " " at  
the end  
c_lat = STRMID( c_lat, 0, len - 2 )  
lat  = FLOAT( c_lat )
```

I do this sort of thing all the time reading in radiosonde data

good luck

paulv

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