
Subject: Re: checking a special character in a single string

Posted by [Burch](#) on Thu, 05 May 2016 16:08:20 GMT

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On Thursday, May 5, 2016 at 9:28:57 AM UTC-5, Sapna Mishra wrote:

> Hello all,
>
> I have a string say:
> obj='J165248.4+363212.5'
>
> I want to know the place where my this + sign has come say here at 10th place .
>
> I did:
> n=where(strmatch(obj,'+',/FOLD_CASE) EQ 1)
>
> but it is simply giving me n=1.
>
> can any one tell how to proceed ?
>
> Also if i want to remove all the numbers after '.' (decimal) how to do?
> with strjoin+strsplit it is simply removing decimal sign and clubbing all numbers together. I don't
want numbers after decimal how to do???

STRMATCH() doesn't give the location of the search string within the input. It simply returns 1 or 0 based upon whether or not the search string is in the input. Also, when I run your code I get n = -1. To get n=1 the search string for STRMATCH() needs to be '*+'.

Regardless, if you're looking for the location within the input, then the function you want is STREGEX().

```
IDL> obj='J165248.4+363212.5'
```

```
IDL> print, stregex(obj, '\+')
```

```
9
```

Documentation:

STREGEX(): <http://www.harrisgeospatial.com/docs/stregex.html>

Regular Expressions: http://www.harrisgeospatial.com/docs/learning_about_regular_e.html#strings_3486979161_298753

STRMATCH(): http://www.harrisgeospatial.com/docs/strmatch.html#S_8200403_01_679108

-Jeff
