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

Posted by [Burch](#) on Thu, 05 May 2016 16:15:12 GMT

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On Thursday, May 5, 2016 at 11:08:25 AM UTC-5, Jeff B wrote:

> 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

Forgot to add:

You can use STRMID() to extract a substring.

IDL> print, strmid(obj, 0, 7)

J165248

https://www.harrisgeospatial.com/docs/strmid.html#S_82004030_1_1074010

-Jeff
