Subject: READ_CSV: just one data field (=one column)?
Posted by Therese on Mon, 19 Aug 2013 08:20:20 GMT

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Hello all,

I have a big problem with reading in a CSV file (comma delimited) created by Excel 2010. It contains various data (string, float, integer) in the columns and also has the column names in the first row.

My problem: READ_CSV read my *.csv but contains the whole row in one element of the result structure

Below I want to show you a minimum example with two columns of different data types and the column names "column1" and "column2"

XLSX-file:
column1 column2
row1 1
row2 2
row3 3
row4 4

CSV-file
column1;column2
row1;1
row2;2
row3;3
row4;4

for QUERY_CSV I get
IDL> test = QUERY_CSV(csvfile,info)
IDL> print,info
   { filepath*.csv CSV   5   1}

therefore, my resulting structure also contains just one field:
IDL> result = READ_CSV(csvfile, HEADER=head)
IDL> help,result
** Structure <27fbef0>, 1 tags, length=60, data length=60, refs=1:
   FIELD1   STRING   Array[5]

What am I doing wrong? Maybe, there is a problem in creating the CSV-file? Please help me!

Best regards,
Therese

Subject: Re: READ_CSV: just one data field (=one column)?
Posted by Fabzi on Mon, 19 Aug 2013 08:43:21 GMT

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Hi Therese,

In your example it seems that your CSV-file is not comma-delimited but
semicolon-delimited. You should tell Excel to use commas as separator,
not semicolon.

Cheers

Subject: Re: READ_CSV: just one data field (=one column)?
Posted by Therese on Mon, 19 Aug 2013 09:38:54 GMT

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On Monday, August 19, 2013 10:43:21 AM UTC+2, Fabien wrote:
> Hi Therese,
>
>
>
> In your example it seems that your CSV-file is not comma-delimited but
>
> semicolon-delimited. You should tell Excel to use commas as separator,
>
> not semicolon.
>
>
>
> Cheers

Thank you, that's it!