
Subject: Re: Read ASCII File with tab separator

Posted by [Michael Galloy](#) on Wed, 02 Mar 2011 17:30:28 GMT

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On 3/2/11 10:01 AM, naoh wrote:

> Hi everyone,

>

> I'm trying to read an ascii file with tabs as separator. The catch is

> that when the value equals zero, it is not actually written into the

> file. Example 1 gives the file as it should look like if zeros were

> present. Example 2 gives the actual file ('0' 'TAB' have been replaced

> by 'TAB' only).

> I've used the following code for example 1 but can't figure out how to

> read example 2 without messing the data up.

> data = fltarr(4,4)

> readf, lun, data

>

> Thank very much for your help!

>

> EXAMPLE 1:

> 1 0 0 0

> 2 0 10 10

> 3 0 12 12

> 4 0 10 10

>

> EXAMPLE 2:

> 1

> 2 10 10

> 3 12 12

> 4 10 10

[507]> d = read_ascii('test.txt', missing_value=0, delimiter=string(9B))

[508]> help, d

** Structure <15b14b8>, 1 tags, length=64, data length=64, refs=1:

 FIELD1 FLOAT Array[4, 4]

[509]> print, d.field1

 1.00000 0.00000 0.00000 0.00000

 2.00000 0.00000 10.0000 10.0000

 3.00000 0.00000 12.0000 12.0000

 4.00000 0.00000 10.0000 10.0000

Mike

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