Subject: Re: Tab-Delimited Files

Posted by rkj on Thu, 22 May 1997 07:00:00 GMT

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Stephen Ritcey (sritcey@is.dal.ca) wrote:

: R. Kyle Justice (rkj@dukebar.crml.uab.edu) wrote:

:: Is there a way to create tab-delimted files in

:: PV-Wave?

:: I have columns of data and I would like to

:: separate them by tabs instead of spaces. I

: : can't seem to get it to work with Fortran

: : or C format codes in DC_WRITE_FIXED.

: The following works for me...

: tab = string (9B)

: column1 = [1, 2, 3, 4]

: column2 = [10, 20, 30, 40]

: tabcolumn = make_array (n_elements (column1), value = tab)

: status = dc_write_fixed ('testc.dat', /column, \$

: column1, tabcolumn, column2, format='%d%s%d')

: status = dc_write_fixed ('testf.dat', /column, \$

: column1, tabcolumn, column2, format='(i1, a, i2)')

: (Unfortunately, PVWave will not recognize '%d\t%d' in the C-like way,

: but will just write out the literal character pair or a backslash

: followed by a lower-case t.)

: Hope this helps

: Stephen Ritcey.

That was the problem. I had been trying to put a \t in the format statement. This *seemed* like it should work. Oh, well.

I also got it to work with dc_write_free by setting delim=tab where tab=string(9B). This way the formatting is taken care of already.

Thanks!

Kyle J.

Subject: Re: Tab-Delimited Files Posted by Jim O'connor on Thu, 22 May 1997 07:00:00 GMT

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rkj@dukebar.crml.uab.edu (R. Kyle Justice) writes:

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>

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- >
- > Kyle J.
- > >

This is kludgy, but it works.

```
Wave> tabchar = '\x09'

Wave> z = [[1,4,7],[2,5,8],[3,6,9]]

Wave> status = dc_write_free('/tmp/junk.txt', z, /Col, Delim = tabchar)
```

But /tmp/junk.txt has spaces, as well as the tab characters you wanted. So pull a Deus Ex Machina out of a hat, and strip off the spaces using Perl:

% perl -pe 's/ //g' /tmp/junk.txt >/tmp/junk.txt.new

And there's your rabbit.

--

Jim

Subject: Re: Tab-Delimited Files

Posted by sritcey on Thu, 22 May 1997 07:00:00 GMT

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Stephen Ritcey.