
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-delimited 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.
