
Subject: Re: Rebin for strings

Posted by [Michael Galloy](#) on Fri, 12 Mar 2010 03:35:25 GMT

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On 3/11/10 2:31 pm, Gray wrote:

> Hi all,

>

> I'm looking for a way to expand a 1-d string array into 2-d, just like

> I would use rebin for almost any other data type. For example, I'd

> like to do something like this:

>

> IDL> o = ['d','b','m','q','t']

> IDL> oo = rebin(transpose(o),14,5,/sample)

>

> But obviously that won't work. Is there a better way than something

> like this (which is okay here, but for more complicated examples might

> not be feasible):

>

> IDL> tmp = execute('oo = transpose([[+strjoin(replicate('o',14),'],[')

> +']]'))

>

> Any suggestions would be helpful!

>

> --Gray

The correspondence between strings and byte arrays makes strings not so different from other types:

```
IDL> oo = string(reform(rebin(byte(o), 14, 5), 1, 14, 5))
```

Mike

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