
Subject: dc_read_free
Posted by [orbach](#) on Wed, 20 Sep 1995 07:00:00 GMT
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I'm having trouble understanding how the /resize keyword works in the function dc_read_free in WAVE.

Say that I have a file called data.txt, which consists of two columns and 100 rows. The first column has file names (and is thus strings) and the second column has snapshot numbers (and is thus integers).

I find that if I predefine a variable, say, names, as

```
WAVE> names = ""
```

and predefine another variable, say, snaps, as

```
WAVE> snaps = intarr(500)
```

and then say

```
WAVE> result = dc_read_free('data.txt', names, snaps, /column, $  
/resize)
```

the result is that the string array names will resize correctly to however many elements there are in the first column (in this case 100), but the integer array snaps will not do so (that is, it remains a 500-element array).

Even more strange than this, if instead I predefine snaps as

```
WAVE> snaps = intarr(1)
```

i.e. to be an array smaller than the number of columns in the file, now neither snaps nor names will resize correctly, and in this case, they will both remain arrays with only 1 element in them.

Anyone get this?
