
Subject: Re: basic soubt with fltarr

Posted by [James Kuyper](#) on Thu, 11 Apr 2002 14:21:02 GMT

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trouble wrote:

> James,
>
> One of us has got columns and rows mixed up... are we victims of the
> column/row major format ? I think so ;)

Sorry, I do most of my work in C, so I sometimes get the terminology reversed. Oddly enough, I almost never get mixed up about the ordering in memory, but only about the words used to describe that ordering.

Unfortunately, it's easier to do these tricks along the last dimension than along the first; that's intrinsic to the nature of the problem, and not a defect of IDL itself. There are ways to do it without creating an explicitly named temporary, but they make heavy use of transpose() to turn the problem into a problem of concatenating along the last dimension. That makes them significantly less efficient than the following re-write of my original answer:

> Muks Raju wrote:

>

> Hello all...i have a basic doubt with fltarr. I have this fltarr

> Actuator = fltarr(100,4)

>

> now i need to remove the first 3 columns. How do i do this. Also i may

Actuator(3:*,*)

> need to add 3 columns at the beginning and at the end ...

newAct = fltarr(106, 4);

newAct(3:102,*) = Actuator

> ...or maybe a column

> of data in the middle.

newAct = fltarr(101,4)

newAct(0:49,*) = Actuator(0:49,*)

newAct(51:*,*) = Actuator(50:*,*)
