Subject: Re: 2 dimensional array from 3 x 1dimensional arrays
Posted by weitkamp on Thu, 04 Aug 2005 15:46:55 GMT
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Martin,

You're not very specific about your input data, but from what you write
it seems like
- your data are regularly gridded,
- you know beforehand how many rows and columns your 2D array will
have,
- the values in Arr1 are monotonically increasing or decreasing,
- the values in Arr2 are monotonically increasing or decreasing
  for each set of triples with a given value of Arr1.

In that case, a solution of the problem might look like this:

```
nx = N_ELEMENTS(arr1)     ;  Number of columns in 2D array
ny = ...                  ;  Number of rows in 2D array

result = FLTARR(nx, ny)   ;  Make 2D array
result[*] = arr3          ;  Fill 2D array
```

Whether it is the shortest, fastest, most elegant, or whatever
solution, I don't know, but it should work.

Hope this helps,
Timm

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Timm Weitkamp
ESRF, Grenoble, France