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Subject: Re: combining arrays

Posted by [Markus Schmassmann](#) on Fri, 17 Jun 2016 09:06:56 GMT

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On 06/17/2016 12:23 AM, Sharad wrote:> On Wednesday, June 15, 2016 at 10:22:02 AM UTC-4, Sharad wrote:

>> How to combine following arrays in a single file?

>>

>> A    FLOAT    = Array[195]

>> B    FLOAT    = Array[1440, 195]

>> C    FLOAT    = Array[195]

>> D    LONG     = Array[1440]

> it will be [1442,196]

if i understand correctly what you want, i see 2 possibilities:

```
outarr=[[[reform(A,[1,195]),B,reform(C,[1,195])],[0,D,0]]
```

or using Wayne's approach

```
outarr = fltarr(1442,196)
```

```
outarr[0  ,0:194]=reform(A,[1,195])
```

```
outarr[1:1440,0:194]=B
```

```
outarr[1441 ,0:194]=reform(C,[1,195])
```

```
outarr[1:1440,195 ]=D
```

You could also use transpose instead of reform, but reform should be faster. However reform only gives the same result as transpose if A and C are vectors, i.e. if 2 dimensions have size >1 you have to use transpose.

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