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Subject: Re: Passing Data Through CALL\_EXTERNAL

Posted by [djk](#) on Wed, 22 Mar 1995 14:40:39 GMT

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This is just a follow up to my question concerning passing multi-dimension arrays using call\_external. First I want to thank all those who responded. The answer is rather simple. One just passes the multi-dimensioned array as a simple array.

Using the example from my original post:

```
long junk(argc, argv)
    int argc;
    void *argv[];
{
    long  *nx,
        *ny;

    float *arr;

    /* Assign passed in arguments */
    arr = (float **) argv[0];          /* array */
    nx = (long *) argv[1];             /* X dimensions of array */
    ny = (long *) argv[2];            /* Y dimensions of array */

    z = arr[ix + iy * nx];
}
```

Thanks again for all the help!

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```
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| | //|
'-----'-----'-----'
Coffee coffee ...      djk@egretop.gsfc.nasa.gov
```