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Subject: Re: Memory management when concatenating arrays

Posted by [Phillip Bitzer](#) on Wed, 28 Oct 2015 14:41:55 GMT

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On Wednesday, October 28, 2015 at 8:49:38 AM UTC-5, rj...@le.ac.uk wrote:

> I have a large multi-dimensional array that is split across several files by time.

>

> Is there an efficient way of doing this?

>

> Cheers

This is a great job for a list, assuming you enough enough memory to create an array of this size.

```
l= LIST()
```

```
FOR iFile=0, nFiles-1 DO
```

```
  data = READ_IN_DATA_FROM_FILE(iFile)
```

```
  l->Add, data
```

```
END
```

```
;finished reading in files? Convert the list to an array
```

```
all_data = l->ToArray(DIM=3)
```

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