
Subject: Re: Unable to allocate memory: to make an array. Not enough space
Posted by [Jeremy Bailin](#) on Tue, 25 Aug 2015 14:02:38 GMT

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On Tuesday, August 25, 2015 at 3:48:03 AM UTC-5, g.na...@gmail.com wrote:

> Thanks a lot Jeremy. Your explanation makes perfect sense.

>

> Well, the other arrays enclosed in the FOR loops are 3D that's way I wanted to do it like that.

>

> Is there is another way more efficient?

It depends on what kind of processing you're doing inside those for loops. Generally, if you can find a way of doing an operation on the full array instead of using a for loop, it will run faster (that's especially true if you are looping a large number of times -- here you only have 10 iterations, so it's not such a big deal), but it completely depends on the type of operations you are doing. Also, if you are running into memory constraints (like you are), then that might prevent you from operating on the whole array at once and you might need to operate on individual slices, like you are.

Cheers,
-Jeremy.
