
Subject: Re: Efficient sub array extraction

Posted by [Phillip M. Bitzer](#) on Tue, 11 Dec 2012 22:34:09 GMT

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In short, array subscripting can take up a lot of memory. Take a peek at:

http://www.idlcoyote.com/misc_tips/submemory.html

There's some helpful information by none other than JD Smith.

On 12/11/12 4:26 PM, markjamie@gmail.com wrote:

> I'm using large 2D arrays e.g 30000 x 30000 and need to remove a 2D sub array for later processing e.g. Rows 30-700 and columns 100-10000.

>

> Is there a more efficient way to do this than using subscript ranges?

>

> For example?

>

> Subarray = largearray[100:10000, 30:700]

>

>

> The exact code I'm using is as follows:

>

> A = [100,10000]

> B = [30,700]

>

> Subarray = largearray[A[0]:A[1],B[0]:B[1]]

>

> Mark

>