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Subject: Re: fastest way to find the first non-zero value in an array

Posted by [Vince Hradil](#) on Tue, 08 Apr 2008 13:15:22 GMT

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On Apr 8, 3:04 am, smas...@locean-ipsi.upmc.fr wrote:

> Hi,

>

> I want to find the first non-zero value of an array. Is there a faster

> way to do this than with the "where" command: (where(array ne 0))[0]

> "Where" will look for all non-zero values and I only need the first

> one. It would be great if I could stop "where" in its search process

> as soon as it found one element...

>

> sebastien

Wow - I'd be interested in knowing how slow 'where' is. Are we talking the difference between 0.01 seconds and 0.05 seconds? Or even the difference between 1 and 5 seconds? Time is money, but at what point does our 'need for speed' end?

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