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

Posted by [karo03de](#) on Wed, 09 Apr 2008 20:02:32 GMT

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On 8 Apr., 10:42, "Clemens" <yy...@hotmail.com> wrote:

> it depends on the size of array. Small array is a simple loop.

> Huge one can be :

>

> index_arr = where(arr NE 0)

> print, index_arr[0]

>

> on very huge arrays you can devide arr into big peaces.

>

> Clemens

>

> <smas...@locean-ipsi.upmc.fr> schrieb im

Newsbeitragnews:ff3bf651-8707-47e8-8cff-5e694dd5622f@m71g200 0hse.googlegroups.com...

>

>> 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

What about the system function ARRAY_EQUAL ?

Karsten
