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

Posted by [Clemens](#) on Tue, 08 Apr 2008 08:42:50 GMT

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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 divide arr into big peaces.

Clemens

<smasson@locean-ipsl.upmc.fr> schrieb im Newsbeitrag  
news:ff3bf651-8707-47e8-8cff-5e694dd5622f@m71g2000hse.google groups.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

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