## 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

View Forum Message <> Reply to Message

```
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-ipsl.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
```