
Subject: Re: replace array's elemets
Posted by [R.Bauer](#) on Sat, 17 May 2003 11:13:08 GMT
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James Kuyper wrote:

```
> Reimar Bauer wrote:
>>
>> Roberto wrote:
>>
>>> Hi
>>> I have a 100x100 array.
>>> How can I replace an element if is different from 0?
>>> I would replace all elements different from 0 with 1.
>>> thank and sorry for the trouble.
>>> Roberto
>>
>> Dear Roberto
>>
>> I suggest something like this
>>
>> example data:
>> x=indgen(100,100)
>>
>> result:
>> result=x<1
>
> That doesn't do the right thing with negative numbers. "result=x ne 0"
> is the right choice. More generally,
>
>  $x[\text{where}(x \neq 0)] = 1$ 
>
> has the advantage of being more easily generalized to the case of more
> complicated search conditions, and different replacement values.
> However, it will produce an error message if no replacements are needed.
```

and what did you say to this:

```
print,(abs(x)<1)
```

I often use myself "where" :-)

regards
Reimar

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
