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Subject: Re: newbie question on array manipulation  
Posted by [Jean H.](#) on Tue, 05 May 2009 13:06:59 GMT  
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ben.bighair wrote:

```
> On May 5, 7:40 am, jpardila <blu...@gmail.com> wrote:
>> What is the best way to manipulate one array and remap its values
>> according to conditions?
>> Let's say I have a 2-d array, for all the elements equal to 5 I want
>> to change their values to 0. For values equal to 10 I want to convert
>> to 1 and so on. I am really confused and don't know if to use IF,
>> where, for or while. Thanks for answering this basic one.
>> JP
>
> Hi,
>
> The simplest is to use where - don't forget to use the output COUNT
> argument shown here as "na".
>
> a = WHERE(array EQ 10, na)
> if (na GT 0) then array[a] = 1
```

Also, if you have several values to changes, you can create a new array.  
For example, if you want to change 5 -> 0 and 0 -> 10, but you don't  
want to change the old 5 to 10!

```
copy = array ;copy the array
a = WHERE(array EQ 10, na)
if (na GT 0) then copy[a] = 1
```

Jean

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