
Subject: Re: N_ELEMENTS and WHERE: Scalar or Array ?
Posted by [David Ritscher](#) on Thu, 04 Feb 1999 08:00:00 GMT
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```
> wh_one = where(x GT 1)
> x[wh_one] = 0 ; NOTE the type
```

```
> Because of the typo, the second statement would have the mysterious
> side effect of having no effect at all! (including no error message) I
> would still love to have it, but newbies might go crazy.
```

For questions regarding subscript handling, it's always worth looking at how MATLAB does things. They have a null array as a possible variable, and seem to handle well what happens with this (logically enough, when one indexes an array with a null array, the result is null):

```
>> a = [1, 2]
```

```
a =
```

```
1    2
```

```
>> b = []
```

```
b =
```

```
[]
```

```
>> a(b)
```

```
ans =
```

```
[]
```

```
>>
```

```
>> whos
```

Name	Size	Bytes	Class
a	1x2	16	double array
ans	0x0	0	double array
b	0x0	0	double array

Grand total is 2 elements using 16 bytes

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