
Subject: Re: replace array's elemets

Posted by [Liam E. Gumley](#) on Fri, 16 May 2003 19:04:17 GMT

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"Roberto" <graftons@tiscalinet.it> wrote in message
news:4ac6b3e5.0305160733.50173373@posting.google.com...

- > 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.

```
IDL> a = [0, 1, 2, 3, 0, 5, 6, 7, 0, 9]
```

```
IDL> a[*] = a ne 0
```

```
IDL> print, a, format='(10i4)'
```

```
 0  1  1  1  0  1  1  1  0  1
```

If your array contains floating point values, you should use something like

```
IDL> a = [0.0, 1, 2, 3, 0, 5, 6, 7, 0, 9]
```

```
IDL> info = machar()
```

```
IDL> value = 0.0
```

```
IDL> a[*] = abs(a - value) gt info.eps
```

```
IDL> print, a, format='(10f4.1)'
```

```
0.0 1.0 1.0 1.0 0.0 1.0 1.0 1.0 0.0 1.0
```

Cheers,

Liam.

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