
Subject: Re: array

Posted by [Helder Marchetto](#) on Mon, 09 Mar 2015 09:50:25 GMT

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On Monday, March 9, 2015 at 10:27:39 AM UTC+1, 8sushil wrote:

> how can i print the location in the matrix knowing the value in that location.

User the where() function as described here:

<http://exelisvis.com/docs/WHERE.html>

The result is a 1D location. If your matrix/array is 2D and you *need* a 2D result, then you can use array_indices():

http://exelisvis.com/docs/ARRAY_INDICES.html

If the value you're looking for is myValue and the matrix/array is myArray, then you can use this:

```
position = where(myValue eq myArray, cnt)
print, 'my 1D position is: ', position
print, 'my 2D position is: ', array_indices(myArray, position)
```

Make sure you check how to use the cnt result (-1 if not found!). This should get you going. If you're looking for floats, it can be a bit more tricky.

Cheers,
Helder
