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Subject: Re: naming elements in an array  
Posted by [Manish](#) on Mon, 21 Jan 2002 18:15:04 GMT  
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I've sorted this (very simple!) problem now, no need to reply!

Thanks,

M.

> Hi all,  
> I've just written a routine which returns a single column matrix array of  
14  
> elements - what I'd like to do is to assign individual names to each  
value,  
> so they can be called in calculations later on.  
>  
> Does anyone know how I can do this? (Apologies if this is a 'trivial'  
> problem - I'm currently trying to teach myself the world of IDL, with not  
> too much success!)  
>  
> Thanks for your time,  
>  
> Manish  
>  
>

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Subject: Re: naming elements in an array  
Posted by [Andrew Cool](#) on Mon, 21 Jan 2002 22:26:33 GMT  
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M wrote:

>  
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> too much success!)  
>  
> Thanks for your time,  
>

> Manish

Shouldn't be too hard. What about this?

```
zero = 0
one = 1
two = 2
three = 3
..
thirteen = 13
```

Now you can reference your array with `my_array(nine)` to get the tenth element.

Or what about :-

```
the_median = my_array(0)
the_sum = my_array(1)
tenth_percentile = my_array(2)
etc
```

Is that what you mean? Or do you just want to access the values via a loop :-

```
For i = 0,13 Do Begin
  value = my_array(i)
;do some gonculations on value
End
```

HTH,

Andrew

```
-----
Andrew D. Cool      .->-.
Electromagnetics & Propagation Group    `-<-'
Surveillance Systems Division           Transmitted on
Defence Science & Technology Organisation 100% recycled
PO Box 1500, Salisbury                   electrons
South Australia 5108
```

```
Phone : 061 8 8259 5740   Fax : 061 8 8259 6673
Email : andrew.cool@dsto.defence.gov.au
-----
```

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Subject: Re: naming elements in an array

Posted by [the\\_cacc](#) on Tue, 22 Jan 2002 10:59:37 GMT

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"M" <[mrmanish@bigfoot.com](mailto:mrmanish@bigfoot.com)> wrote in message news:<[a2hlpj\\$d7h\\$1@yarrow.open.ac.uk](mailto:a2hlpj$d7h$1@yarrow.open.ac.uk)>...  
> I've sorted this (very simple!) problem now, no need to reply!

>  
> Thanks,  
>  
> M.

Oh, but we \*want\* to reply. So how did you fix it ? [Please say you used a structure...]

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Subject: Re: naming elements in an array

Posted by [Manish](#) on Thu, 24 Jan 2002 10:06:18 GMT

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Cheers people, I realised you can reference the nth element in an array by  
arrayname[n-1].

Quite a simple problem, which I realised the answer to straight after  
posting and then was highly embarrassed at it's simplicity!

thanks for your help though, it's appreciated as I delve into the unfamiliar  
world of IDL!

M.

"Andrew Cool" <[andrew.cool@dsto.defence.gov.au](mailto:andrew.cool@dsto.defence.gov.au)> wrote in message  
news:3C4C9599.AD9D0885@dsto.defence.gov.au...

>  
>  
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>>
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>
> Andrew
>
> -----
> Andrew D. Cool .->-.
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>
> Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
> Email : andrew.cool@dsto.defence.gov.au
> -----

```

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