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Subject: Re: Array matching?

Posted by [Jean H.](#) on Thu, 14 Sep 2006 22:44:32 GMT

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For the 2nd time today, what about reading  
[http://www.dfanning.com/tips/histogram\\_tutorial.html](http://www.dfanning.com/tips/histogram_tutorial.html)

Jean

```
> match = where(hi eq lo)
> hits = hi[match]
> dat[hits] = (dat[hits -1] + dat[hits+1])/2.
>
> but I'm not sure how to compare two arrays in IDL to find the indices
> where the values in one array match the values in another array without
> using a for loop.
>
> Any clever ideas how to do this would be appreciated.
>
> --Greg
>
```

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Subject: Re: Array matching?

Posted by [gknoke](#) on Fri, 15 Sep 2006 20:37:48 GMT

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Thanks for the tip. I'm still relatively new to IDL, I really had no idea all the things histogram was capable of. Such an unassuming function name with so much potential...

--Greg

Jean H. wrote:

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> For the 2nd time today, what about reading
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```

>>  
>> --Greg  
>>

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Subject: Re: Array matching?  
Posted by [David Fanning](#) on Fri, 15 Sep 2006 20:50:16 GMT  
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Greg writes:

> Thanks for the tip. I'm still relatively new to IDL, I really had no  
> idea all the things histogram was capable of. Such an unassuming  
> function name with so much potential...

Yeah, well, keep it to yourself. Word of this leaks  
out and we will be absolutely inundated with MatLab  
users over here. :-(

Cheers,

David

P.S. Someone made a serious mistake because you are  
not suppose to know about this until AFTER you have  
learned the secret handshake. I'll be filing a report  
with the IEPA chairman, you can be sure!

--

David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: Array matching?  
Posted by [gknoke](#) on Fri, 15 Sep 2006 21:18:11 GMT  
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David Fanning wrote:

> P.S. Someone made a serious mistake because you are  
> not suppose to know about this until AFTER you have  
> learned the secret handshake. I'll be filing a report  
> with the IEPA chairman, you can be sure!

If it's supposed to be a secret to the uninitiated, perhaps you shouldn't  
post the tutorial on the wonders of histogram in a place where anyone

using google can easily find it?

--Greg

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Subject: Re: Array matching?

Posted by [David Fanning](#) on Fri, 15 Sep 2006 21:24:43 GMT

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Greg writes:

- > If it's supposed to be a secret to the uninitiated, perhaps you shouldn't
- > post the tutorial on the wonders of histogram in a place where anyone
- > using google can easily find it?

Humm. You you may have a point there. I wonder  
why it is so seldom read, then? :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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