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Subject: Re: Strange return from where function  
Posted by [byrne.david](#) on Wed, 16 Sep 2009 05:19:31 GMT  
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On Sep 16, 3:14 pm, David <byrne.da...@gmail.com> wrote:  
> Hey guys not sure what is going on here.  
>  
> I have an array with particle IDs to track particles. I want to search  
> for the particles in the array by thier particle ID.  
>  
> Simple where call but its being strange. This is what i get  
>  
> IDL> print,index  
> 1.00000  
> IDL> wh\_track\_full=where(tracks[0,\*] eq index)  
> IDL> print, wh\_track\_full  
> 0  
> IDL> wh\_track\_full=where(tracks[0,\*] eq 1.0000)  
> IDL> print, wh\_track\_full  
> 0 1  
>  
> So you see it finds all the elements with an ID of 1.000 if i type in  
> the actual value. But when i assign it to a variable I just pick up  
> the first element and not the second.  
>  
> I've never come across this before,  
>  
> any ideas?  
>  
> Regards  
> David

Actually i found the problem. It was that index was Float = array[1] I  
had to use wh\_track\_full=where(tracks[0,\*] eq index[0]) for it to  
work.

-David

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Subject: Re: Strange return from where function  
Posted by [Wout De Nolf](#) on Wed, 16 Sep 2009 10:59:53 GMT  
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On Tue, 15 Sep 2009 22:19:31 -0700 (PDT), David  
<byrne.david@gmail.com> wrote:

> On Sep 16, 3:14i½pm, David <byrne.da...@gmail.com> wrote:  
>> Hey guys not sure what is going on here.

