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Subject: Re: Comparing 2 arrays

Posted by [Jean H.](#) on Sun, 26 Aug 2007 15:40:44 GMT

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> If your arrays are the same size, there is no problem using structures.  
> You could subtract the two values and call the result "equal" if  
> the difference was "sufficiently" close to zero.  
>  
> IF Total( (data1.A - data2.B) LT 1e-6) EQ N\_Elements(data1.A) THEN \$  
>   Print, 'The arrays are equal' ELSE Print, 'The arrays are unequal'  
>  
> Cheers,  
>  
> David

David,

to get back to a previous discussion we had a few month ago about being  
"sufficiently close to zero", shouldn't it be (data1.A - data2.B) LT  
epsilon \* data1.A , with epsilon=(machar()).eps?

Jean

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