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Subject: Re: quick testing of string variables

Posted by [plugge](#) on Wed, 24 Apr 1996 07:00:00 GMT

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In article <[moninger-2304960900010001@zirkle.fsl.noaa.gov](mailto:moninger-2304960900010001@zirkle.fsl.noaa.gov)>, [moninger@fsl.noaa.gov](mailto:moninger@fsl.noaa.gov) (Bill Moninger) writes:

|>I have an array called station\_name, dimensioned (6,n). Each item is a  
|>string 6 characters long. I would like to quickly test station\_name  
|>against a particular string variable, find\_this\_station, another string of  
|>dimension 6.  
|>  
|>Is there any way to do this without using loops?  
|>  
|>If I have to use loops, does anyone have a tip on the fastest way to do so?  
|>  
|>Is there are better way to configure the array station\_name to make such  
|>tests (against a particular station name) faster?  
|>  
|>I shall appreciate any help anyone can provide.  
|>  
|>-Bill Moninger  
|>--  
|>Bill Moninger, NOAA/Forecast Systems Laboratory.  
|>home: 303-494-1709, work: 303-497-6435  
|>

Bill,

you can simply do the logical test `eq' to the two arrays:

`eql_array = station_name eq find_this_station`

The result is an array `eql_array` containing 1 or 0 according to the comparison of the corresponding elements of the two arrays.

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