
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>, 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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```