
Subject: where function not finding value

Posted by [mboggsk9](#) on Thu, 03 Apr 2014 17:44:00 GMT

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Hello,

I have a problem with a particular call to the 'where' function that I don't understand.

I have the following code snippet:

```
print, 'dncom.dt.julian is: ', dncom.dt.julian
print, 'dt.julian is: ', dt.julian

; end debug
i = where(dncom.dt.julian eq dt.julian, count) ; Find index of requested date & time
if count gt 0 then begin
    data = dncom(i)
    ; debug stuff
    print, 'the data ', data
endif else begin
    print, 'ncom_table.pro: desired or most recent time not found'
    retall
    return
endelse
```

and it says the requested value is not there everytime..

This is the output

```
dncom.dt.julian is:    95528.427    95528.438    95528.448
  95528.458    95528.469    95528.479    95528.490
  95528.500    95528.510    95528.521    95528.531
  95528.542    95528.552    95528.562    95528.573
  95528.583    95528.594    95528.604    95528.615
  95528.625    95528.635    95528.646    95528.656
  95528.667    95528.677    95528.688    95528.698
  95528.708    95528.719    95528.729    95528.740
  95528.750    95528.760    95528.771    95528.781
  95528.792    95528.802    95528.812    95528.823
  95528.833    95528.844    95528.854    95528.865
  95528.875    95528.885    95528.896    95528.906
  95528.917    95528.927    95528.938    95528.948
  95528.958    95528.969    95528.979    95528.990
  95529.000    95529.010    95529.021    95529.031
  95529.042    95529.052    95529.062    95529.073
  95529.083    95529.094    95529.104    95529.115
  95529.125    95529.135    95529.146    95529.156
  95529.167    95529.177    95529.188    95529.198
```

95529.208	95529.219	95529.229	95529.240
95529.250	95529.260	95529.271	95529.281
95529.292	95529.302	95529.312	95529.323
95529.333	95529.344	95529.354	95529.365
95529.375	95529.385	95529.396	95529.406
95529.417	95529.427	95529.438	95529.448
95529.458	95529.469	95529.479	95529.490
95529.500	95529.510	95529.521	95529.531
95529.542	95529.552	95529.562	95529.573
95529.583	95529.594	95529.604	95529.615
95529.625	95529.635	95529.646	95529.656
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95530.250	95530.260	95530.271	95530.281
95530.292	95530.302	95530.312	95530.323
95530.333	95530.344	95530.354	95530.365
95530.375	95530.385	95530.396	95530.406
95530.417	95530.427		

dt.julian is: 95530.427
ncom_table.pro: desired or most recent time not found

The value is there, It is the last value in the array.
Any idea what is going on?
