Subject: Re: Matching elements in two arrays of different sizes
Posted by lecacheux.alain on Wed, 27 Jun 2012 16:14:40 GMT
View Forum Message <> Reply to Message

On 26 juin, 18:07, pindsy <meredith.p...@gmail.com> wrote:
> Hi everyone,
>
> I am having trouble figuring out how to search through an array of size [1,17824] and match it to the points in another array of size [1,70].
>
> What I am trying to use to match the two arrays are the month, day, year, hour, and minute within each dataset. I have made two arrays using julday and have been trying to go through each of those arrays to find matches. However, it only searches up to the 70 first lines of the larger array and dosen't give all the possible matches.
>
> Any ideas on how to fix this would be helpful.
>
> Cheers,
>
> Meredith
>
>

Still use VALUE_LOCATE...
if jd1 and jd2 are the two arrays of julian dates, w will be the
vector of matching indices:
```
  w = where(jd1[Value_Locate(jd1, jd2)] eq jd2, /NULL)
```

For instance:
```
IDL> jd1 = julday(indgen(6)*2,1,2012)  ;month 1st day, every two
monthes
IDL> jd2 = julday(indgen(12),1,2012)   ;1st day of each month
IDL> print, where(jd1[Value_Locate(jd1, jd2)] eq jd2, /NULL)
         0         2         4         6         8
10
```

alain.