Subject: Re: Array comparison part 2
Posted by James Kuyper on Fri, 04 Oct 2002 14:20:35 GMT
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Chia Chang wrote:
>
> "Dick Jackson" <dick@d-jackson.com> wrote in message
news:<oj_m9.473388$f05.21183164@news1.calgary.shaw.ca>...
...
> I like the 'where' function, below is how I would
> implement it to solve your particular problem:
>
> ------------------start test.pro-------------------
> pro test
>
> time0 = systime(1)
>
> a = indgen(2,25)
> b = [4,5]
>
> ;#######################################
> ; PERFORM COMPARISON
> ;#######################################
> xloc = where (a(0,*) EQ b[0])
> yloc = where (a(1,*) EQ b[1])
>
> ;#######################################
> ; RETURN RESULTS
> ;#######################################
> if xloc EQ yloc then begin
>   print, 2, xloc
> endif else begin
>   print, "No Match"
> endelse

Unless I'm missing something, that doesn't handle correctly the
possibility that there might be multiple matches, much less the
possibility that there might be a different set of matches for xloc than
for yloc. Of course, that possibility doesn't arise in your test data,
but it doesn't seem to be ruled out by the original problem description.