Craig Markwardt wrote:
> For example,
> ;; A list of days from start to finish
> RANGE = DATE + DINDGEN(ENDDATE-DATE+1)
> ;; Which files match the file start date?
> ;; (NOTE: assumes DIRDATES is ascending order)
> II = VALUE_LOCATE(DIRDATES(0,*), RANGE)
> ;; Keep only those that agree with the file end date.
> WH = WHERE(RANGE LT DIRDATES(1,II), CT)
> IF CT EQ 0 THEN MESSAGE, 'No match!!!!'
> II = II(WH)
>
> ;; These are the acceptable directories
> II = II(UNIQ(II,SORT(II))) ;; remove duplicates
> FOUND_DIRS = DIRS(II)

Thanks Ben and Craig for your help. I wasn't aware of the VALUE_LOCATE
function in IDL. I've tried these lines to get the results I want but I
get "No Match" for every date I enter. I've traced it back to the "II"
variable being an array of ones, all the time. Is this signaling that
my DIRDATES array is not in ascending order? I currently haven't made
any attempts to make it that way.

Ryan.