
Subject: Re: what to make of read_interfile.pro ?
Posted by [Robbie](#) on Thu, 30 Oct 2008 00:41:34 GMT
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I did come up with an incredibly simplistic way to read a "flat" interfile header.

I just use keywords to represent each entry.

```
; Example:
; interfile_readkey, '2001cntrate_13.s.hdr', STUDY_DATE_DD_MM_YYR=a
pro interfile_readkey, filename, _REF_EXTRA=ex
openr, lun, filename, /GET_LUN
line = ""
while (~ EOF(lun)) do begin
    readf, lun, line
    if ((line ne "") && (STRMID(Line,0,1) ne ';')) then begin
        if (STRMID(Line,0,1) eq '!') then line = STRMID(Line,1)
        if (STRMID(Line,0,1) eq '%') then line = STRMID(Line,
1)
        KeyEnd = STRPOS(Line, "=:")
        if (KeyEnd ge 0) then begin
            count = 0l
            Kwd = strjoin(strsplit(strupcase(strtrim(stRMID(Line,
0,KeyEnd),2)), ' ', '=()/:./EXTRACT), '_')
;            print, kwd
            if (n_elements(ex) gt 0) then $
                inds = where(kwd eq ex, count)
            if (count gt 0) then $
                (SCOPE_VARFETCH(kwd, /REF_EXTRA)) = strtrim(stRMID(Line,
KeyEnd+2),2)
            endif
        endif
    endif
endwhile
free_lun, lun
end
```
