
Subject: Re: Easy way to make hard copies at full printer resolution

Posted by [Kristian Kjaer](#) on Sat, 07 Aug 1999 07:00:00 GMT

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Stein Vidar Hagfors Haugan wrote:

> Probably the best thing to start with is the JOURNAL
> command. The system variable !JOURNAL is set to the

I made the enclosed jnl.pro, and I also put it in my startup-file.

The purpose is to save a few keystrokes, make sure you're allways
journaling, and that you can easily close the journal file and
start a new one.

(I seem to recall that in IDL on (NT-)windows, FLUSH doesn't seem to
work.)

But I didn't get to the point where I could machine-edit the
journal-file.

- Kristian

; Begin code -----

```
pro jnl, close=close, stop=stop, $
    automatic=automatic, new=new, flush=flush, $
    query=query, help=help, usage=usage, $
    debug=debug, replace=replace, $
    filename=filename, text=text, atext
;PURPOSE:    jnl.pro is a wrapper routine for JOURNAL
;CALLING SEQUENCE:
;    jnl, [atext,] /<keywords>
;INPUTS:
;    atext      : Filename or text to journal (optional)
;KEYWORD PARAMETERS:
;MODIFICATION HISTORY:
;    K. Kjaer    Riso Nov-98:
;-
```

```
true=1
sep='/'
if (!version.os_family eq 'Windows') then sep='\'
```

```
case true of
(keyword_set(close) or keyword_set(stop)) and (!JOURNAL gt 0) : begin
; Close the journal file:
fstat_journal=fstat(!JOURNAL)
journal_file=findfile(fstat_journal.name) ; truncated if IDLversion lt
5.
JOURNAL
Print, 'Closed journal file '+fstat_journal.name+' ('+journal_file+')
```

```

end
(keyword_set(close) or keyword_set(stop)) and (!JOURNAL eq 0) : begin
  Print, 'Not journaling'
end
keyword_set(query) and (!JOURNAL eq 0) : begin
  Print, 'Not journaling'
end
keyword_set(query) and (!JOURNAL gt 0) : begin
  if keyword_set(verbose) then help,/str,fstat(!JOURNAL)
  fstat_journal=fstat(!JOURNAL)
  journal_file=findfile(fstat_journal.name) ; truncated if IDLversion lt
5.
  Print, 'Journaling to '+fstat_journal.name+' ('+journal_file+')'
end
keyword_set(flush) and (!JOURNAL gt 0) : begin
  flush,!journal ; Seems to have no effect!
end
keyword_set(help) or keyword_set(usage) : begin
  Print,'Usage: jnl, /close, /stop, /automatic, /new, /flush, /query,
/help, /usage,/debug, /replace, filename="...", text="...",
"filename_without_blanks", "text with blanks in it"
end
(keyword_set(new) or keyword_set(automatic)) and (!JOURNAL gt 0) : begin
  jnl, debug=debug, replace=replace,/close
  jnl, debug=debug, replace=replace,/new
end
(keyword_set(new) or keyword_set(automatic)) and (!JOURNAL eq 0) : begin
  journal_file=getenv('temp') ; the temp directory
  if keyword_set(debug) then print, 'temp directory: '+journal_file
  if (journal_file eq "") then begin
    print, 'temp  is not assigned'
    print, 'Pls. assign an environment variable  temp  to point to
your chosen scratch directory!'
    journal_file='.'
  endif
  if (strmid(journal_file,strlen(journal_file)-1,1) ne sep) then
journal_file=journal_file+sep
  if keyword_set(debug) then print,  journal_file
  ; Generate a new, unique file name (I'm sorry that, so far this is
system() converted to 8.3 format):
  journal_file=journal_file+string(sysptime(1)*.1,format='(f12. 3)')
  ; Another approach could be based on bin_date(sysptime(0))
  if keyword_set(debug) then print,  journal_file
  jnl, debug=debug, replace=replace,filename=journal_file
end
exist(filename) and (!JOURNAL gt 0) : begin
  jnl, debug=debug, replace=replace,/close
  jnl, debug=debug, replace=replace,filename=filename

```

```

end
exist(filename) and (!JOURNAL eq 0) : begin
; Open the journal file:
; (1st check if filename already present !)
findfilename=findfile(filename,count=count)
if ((count gt 0) and not keyword_set(replace)) then begin
Print, 'Journal file '+filename+' already present. Use
jnl,...,/replace or another file name !'
Print, 'Not journalling.'
endif else begin
JOURNAL,filename
fstat_journal=fstat(!JOURNAL)
journal_file=findfile(fstat_journal.name) ; truncated if IDLversion
lt 5.
Print, 'Started journalling to '+fstat_journal.name+'
('+journal_file+')'
endelse
end
exist(text) and (!JOURNAL gt 0) : begin
JOURNAL,TEXT
end
exist(text) and (!JOURNAL eq 0) : begin
jnl, debug=debug, replace=replace,/query
end
exist(atext) : begin
if (strcompress(strtrim(atext,2),/remove_all) eq atext) then $
jnl, debug=debug, replace=replace,filename=atext else $
jnl, debug=debug, replace=replace,text =atext
end
else: begin
jnl, debug=debug, replace=replace,/help
jnl, debug=debug, replace=replace,/query
end
endcase
end
; End code -----

```
