♦ **SET File Format**

A SET file is used only with DOS and not with Windows. It is a specialized document file containing the unique packet types described below that are used only in SET files. Refer to the *Document File Format* section of this manual for a description of document files and of non-unique packet types which will also be included in a SET file. The information in a SET file will be wholly contained within the document prefix. A SET file will not contain a document area.

Packet Type 129 (0x81)
Miscellaneous 1
This information cannot be changed outside of setup.

▶

```
<beep flag>     default = 20 (0x14)
    bit 0:      1 = beep on search failure
    bit 1:      1 = beep on error
    bit 2:      1 = beep on hyphenation
    bit 3:      0 = side by side column display mode
    bit 4:      1 = display comments (default = on)
    bit 5:      1 = display summary (default = off)
    bit 6:      1 = display detail of reveal codes (default = off)
    bit 7:      1 = auto enter document information when file is saved
[hard return character]     default = 32 (0x20)
<display filename flag>   default = 1
    Bits 0 and 1 are mutually exclusive.
    bit 0:      1 = display filename
    bit 1:      1 = display font
[time between backups]    default = 10 minutes
    low byte = minutes
    high byte = hours
<backup flag> default = 2
    bit 0:      1 = original document backup
    bit 1:      1 = timed backup active
<available>     default = 1
<available>     default = −1
<default unit for conversion routines>
<horizontal position unit of status line>
<vertical position unit of status line>
<mnemonic menu selection attribute>      default = 0x0C (bold)
<keyboard speedup value (1-5)>      normal = 0, default = 5, NEC = 3
<system file flags>   set at startup from .trs
    bit 0:      1 = fast save flag
    bit 1:      1 = format retrieved documents for default printer
    bit 2:      1 = merge codes display in document
    bit 3:      1 = alternate keyboard
    bit 4:      1 = set QuickMark
    bit 5:      1 = merge code icon displayed
[document summary subject search string] x 20
[reserved]
[default document type that is used] x 21 during document management)
<graphics driver filename> x 13
<packet ID of external driver code> default = 0
<graphics driver code ID>       default = 0
```

```
<graphics driver mode parameter>
      bits 7-4:   used by WordPerfect
            bit 7:         1 = internal text driver
            bit 6-4:    undefined
      bits 3-0:   used by external driver
            bit 3:         1 = preserve DOS font
            bit 2:         1 = preserve DOS palette
            bit 1-0:    undefined
<graphics driver ID parameter>
      bits 7-6:   used only by external driver
            bit 7:         1 = saved font
            bit 6:         1 = saved palette
      bit 5:         1 = override EGA being set to CGA in colors menu if rows not = 25
      bit 4:         1 = text driver successfully loaded
      bit 3:         0 = normal attribute table
                         1 = dialog attribute table
      bit 2:         0 = normal attribute table
                         1 = dialog attribute table


Text driver packet definitions:
<packet ID of graphics driver error messages>
<graphics driver error ID>
<video driver font metrics/information packet flags>
      Information pending.
<packet ID of video driver font metrics/information>
<index of main entry>     used for marking during selection
<menu text of selected graphics driver> x 98
<text driver filename> x 13
<packet ID of text driver code>        default = 0
<reserved>
<text driver mode parameter>  default = 0x80
      bits 7-4:   used by WordPerfect
            bit 7:         internal text driver
            bit 6-4:    undefined
      bits 3-0:   used by external driver
            bit 3:         1 = preserve DOS font
            bit 2:         1 = preserve DOS palette
            bit 1-0:    undefined
<text driver ID parameter>       default = 0
      bits 7-6:   used only by external driver
            bit 7:         1 = saved font
            bit 6:         1 = saved palette
      bit 5:         1 = override EGA being set to CGA in colors menu if rows not = 25
      bit 4:         1 = text driver successfully loaded
      bit 3:         0 = normal attribute table
                         1 = dialog attribute table
      bit 2:         0 = normal attribute table
                         1 = dialog attribute table
<packet ID of text driver error messages packet>
<reserved>
<index of main entry>     used for marking during selection
<space to store menu text of selected text driver> x 98
<WordPerfect mouse resource file> x 13  default = "STANDARD.IRS"
[packet ID of mouse driver code in external file]     default = 2
[packet ID of mouse driver error packet]  default = 0
<index of main entry>     used for marking during selection
<ID information> x 98
<WordPerfect audio resource file> x 13   default = "STANDARD.ARS"
```

[packet ID of sound driver code in external file]
[packet ID of sound driver error packet]
<index of main entry>   used for marking during selection
<sound information> x 98
<file manager sort order> default = 1
      1 = short name
      2 = extension
      3 = date and time
      4 = size
      5 = long name
      6 = type
      7 = no sorting done
<file manager display>
      bit 0:   1 = DOS filenames
      bit 1:   1 = descriptive names and types
      bit 2:   1 = indexed files
      bit 3:   undefined
      bit 4:   undefined
      bit 5:   1 = descending sort
      bit 6:   1 = WordPerfect documents only
      bit 7:   1 = compressed print for list
<reserved>
<current view mode and print preview flags>   default = 8
      bits 0-4:   view mode
          bit 0:   1 = full page
          bit 1:   1 = actual size
          bit 2:   1 = 200% enlarged
          bit 3:   1 = facing page
          bit 4:   1 = thumbnails
      bit 5:   available
      bit 6:   1 = view graphics in black and white
      bit 7:   1 = view text in black on white
<mouse menu mnemonic attribute> default = redline
<mouse menu text attribute>   default = shadow
<menu bar mnemonic attribute>   default = redline
<menu bar text attribute> default = shadow
      Possible attribute values for previous four bytes:
          0 = extra large (chapter heading)
          1 = very large (heading)
          2 = large (sub-heading)
          3 = small print
          4 = fine print
          5 = superscript
          6 = subscript
          7 = outline
          8 = italics
          9 = shadow
          10 (0x0A) = redline
          11 (0x0B) = double underline
          12 (0x0C) = bold
          13 (0x0D) = strike-out
          14 (0x0E) = underline
          15 (0x0F) = small caps
          16 (0x10) = blink
          17 (0x11) = reverse video
<type of mouse>   default = 3
      1 = bus
      2 = serial

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        3 = neither
<default mouse port>      default = 1 (COM1)
<reserved>
[mouse acceleration factor]      in units of 1200ths (.025″ = 30); default = 19
[mouse sub-menu delay time]   in units of .01 seconds, default = 15
<options flag> default = 0x11
        bits 0-1:   hyphenation
                0 = never prompt
                1 = prompt when required
                2 = always prompt
        bit 2:        1 = create document summary on save/exit
        bit 3:        undefined
        bit 4:        1 = update quick list
        bit 5:        undefined
        bit 6:        undefined
        bit 7:        undefined
<equation options>   default = 0
        bits 0-2:   equation horizontal alignment
                0 = left aligned
                1 = right aligned
                2 = center aligned
        bits 3-5:   equation vertical alignment
                1 = top aligned
                2 = center aligned
                3 = bottom aligned
        bit 6:        available
        bit 7:        1 = print equation as text
[mouse double-click time]      in units of .01 seconds, default = 50 (.50 sec)
<Alt key selects pull-down menus>
        0 = alt key does not select menus
        1 = alt key selects menus
<left-handed mouse>
        0 = right-handed mouse
        1 = left-handed mouse
[equation base font size]   default = 0
<edit mode flags>    default = 0
        bit 0:        1 = literal insert mode
        bit 1:        1 = (5.1) left/right arrow movement, confirm deletions
        bit 2:        1 = disable Undo

IRQ (interrupt request) driver parameters:
<sound driver address command> x 7      default = " /addr:"
<sound board base address> x 5      default = "220 "
<sound driver IRQ command> x 6   default = " /irq:"
<sound board IRQ> x 3   default = "7 "
<third party driver> x 13  default = 0,"2345678.COM",0

Sound options medium:
{sample rate}   default = 11025
[bit length]        default = 8
[stereo]            default = 0
[file format]      default = 1 (WAVFILE)
[compression]  default = 0
[reserved] default = 0
[reserved] default = 0
[reserved] default = 0

Sound options high:
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{sample rate}   default = 22050
[bit length]   default = 8
[stereo]   default = 0
[file format]   default = 1 for WAVFILE
[compression]   default = 0
[reserved] default = 0
[reserved] default = 0
[reserved] default = 0

Sound board parameters:
<driver type>
<options>
[default base address]
<default IRQ>
[interrupt requests]
[sample rates]

<MIDI mode> default = 0
      0 = VOCFILE
      1 = WAVFILE
      2 = RAWFILE
      3 = MIDIFILE

<color display units>   default = 0
      0 = display color values in RGB units
      1 = display color values in HSL units
      2 = display color values in CMYK units

Text delimiter definitions:
[strip characters] x 21
[encapsulate character] x 6   default = ""
[field delimiters] x 21   default = ','
[record delimiters] x 21   default = (CR/LF) = (0xF90D/0xF90A)

<current palette filename> x 13   default = "STANDARD.CPL",0
<display laser and dot-matrix labels>   default = 3
      bit 0:   1 = laser labels
      bit 1:   1 = dot-matrix labels
<document compare type>
      0 = phrase
      1 = word
      2 = sentence
      3 = paragraph
<lockout byte> default = 0
            The lockout variable is used to lock out certain features in WordPerfect. It will be
            tested but never modified by WordPerfect.
      1 = lockout document passwords
      2 = lockout go to DOS/shell
<number of thumbnails> default = 1

Macro set flags:
<record short versions>   macro record default = 0
<mnemonic attribute in graphics mode>   default = 0xE (underline)

[space display character] default = 32 (0x20)

SET file screen flags:
[screen setup flags]

bit 0:   1 = Button Bar is active
                    bit 1:   1 = ribbon line is active
                    bit 2:   1 = outline bar is active
                    bit 3:   1 = pull-down menus are active
                    bit 4:   1 = horizontal scroll bar is active
                    bit 5:   1 = vertical scroll bar is active
                    bit 6:   1 = document has an active ruler
                    bit 7:   1 = display comments
          <automatic conversion of formulas in tables flag> default = 1 (automatic conversion)
          [default save file type]   default = WordPerfect 6,7,8 file type
          <text for default save type> x 38   omitted if save file type is WordPerfect 6.0/7

          [screen setup flags - graphics version]
                    bit 0:   1 = Button Bar is active
                    bit 1:   1 = ribbon line is active
                    bit 4:   1 = horizontal scroll bar is active
                    bit 5:   1 = vertical scroll bar is active◄

If Asian version, then the following byte exists:

►   <mnemonic menu character type>
                        0 = English
                        1 = katakana◄

In Japanese (FEP) or Asian versions, the following information exists (to end of
packet):

►   <ID (file position) of FEP>   default = 3
          <filename> x 13   default = "STANDARD.KRS",0
          <WPFEP information> x 13   default = "WPFEP Ver 1.0"
          <FEP information bytes> x 85
          <FEP type>
          <index of main entry>   (used for marking during selection) default = 1
          [packet ID of FEP driver error packet]   default = 0
          [FEP defaults]
                    bit 0:
                        1 = zenkaku
                        0 = hankaku
                    bit 1:
                        1 = romaji henkan on
                        0 = romaji henkan off (kana)
                    bit 2:
                        1 = kanji henkan on
                        0 = kanji henkan off
                    bit 3:
                        1 = romaji henkan on
                        0 = romaji henkan off (kana)
                    bit 4:
                        1 = kanji henkan on
                        0 = kanji henkan off
          <function key ownership>
                    0 = FEP
                    1 = WordPerfect
          [FEP punctuation defaults]
                    bit 9:

1 = comma
                    0 = ten
            bit 10:
                    1 = period
                    0 = maru
            bit 11:
                    1 = ten
                    0 = comma
            bit 12:
                    1 = maru
                    0 = period
            bit 13:
                    1 = dot
                    0 = slash
            bit 14:
                    1 = nobasu
                    0 = dash/hyphen
            bit 15:
                    1 = kakko brackets
                    0 = regular brackets◄

Packet Type 130 (0x82)
Miscellaneous 2
This information may be changed outside of setup.

►   [used in counting for cursor movement]   default = 8
                        \<table of authorities definition byte\>   default = 2
                            bit 0:   1 = allow underlining
                            bit 1:   1 = combine sequential page numbers
                        \<WYSIWYG editing flags\>
                            0 = text mode
                            1 = graphics mode
                            3 = full page mode
                            6 = printing mode (reserved for internal use)
                        [default zoom percentage]   0 = margin width
                        \<merge - begin record delimiter\> x 20
                        \<merge - end record delimiter\> x 20default = 13
                        \<merge - begin field delimiter\> x 20
                        \<merge - end field delimiter\> x 20   default = ','
                        \<merge - characters to be removed\> x 20

                        [reveal codes window percentage of screen (1-100)]◄

Packet Type 134 (0x84)
Monitor Attributes
►   \<EGA font index\>   default = 255 (no EGA font)
                            0 = italics font
                            1 = underline font
                            2 = small caps font
                            3 = chars 512 font
                        \<hrf (Hercules RAM font) index\>   default = 255 (no hrf font)
                            0 = HRF (12 fonts)
                            1 = HRF (6 fonts)
                        \<hic (Hercules-In-Color) foreground\>   not used by WordPerfect 6.0/7
                        \<hic background\>   not used by WordPerfect 6.0/7
                        \<hic cursor\> x 7   not used by WordPerfect 6.0/7

<hic underline> x 7 not used by WordPerfect 6.0/7
<hic strikeout> x 7   not used by WordPerfect 6.0/7
<hic highlight> x 63 not used by WordPerfect 6.0/7
<CGA fast text mode flag>   fast text display will cause snow on CGA monitor
[text color scheme name] x 40
[graphics color scheme name] x 40◄

Packet Type 133 (0x85)
Pathnames
The following space is reserved regardless of how long the pathnames are.

►   [length of printer files pathname]
<printer files pathname (.PRS & .ALL)> x 68 null terminated
[length of dictionary pathname]
<dictionary pathname> x 68   null terminated
[length of supplemental dictionary pathname]
<supplementary dictionary pathname> x 68   null terminated
[length of backup pathname]
<backup pathname> x 68 null terminated
[Length of key/macro files pathname]
<keyboard/macro files pathname> x 68   null terminated
[length of graphics files pathname]
<graphics files pathname> x 68   null terminated
[length of document management files pathname]
<document management files pathname> x 68 null terminated
[length of spreadsheet files pathname]
<spreadsheet files pathname> x 68   null terminated
[length of labels file pathname]
<full path/filename> x 80 default = "WP_WP_US.LAB",0
[length of index personal files pathname]
<index personal files pathname> x 68   null terminated
[length of index shared files pathname]
<index shared files pathname> x 68 null terminated
[length of shared QF files pathname]
<QF index files pathname> x 68   null terminated
[length of personal style files pathname]
<personal style files pathname> x 68   null terminated
[length of shared style files pathname]
<shared style files pathname> x 68 null terminated
[length of shared printer files pathname]
<shared printer files pathname (.PRS & .ALL)> x 68   null terminated
[length of shared keyboard/macro files pathname]
<shared keyboard/macro files pathname> x 68 null terminated
[length of shared graphics files pathname]
<shared graphics files pathname> x 68   null terminated
[length of shared spreadsheet files pathname]
<shared spreadsheet files pathname> x 68   null terminated
[length of DRS files pathname]
<DRS file pathname> x 68   null terminated◄

☺ ♦♣ Packet Type 134 (0x86) ☻ ♦
Keyboard and Button Bar Information
►   <keyboard name > x 14
<equation keyboard name> x 14
[pointer to current Button Bar name in memory]   meaningless in a disk file

<current Button Bar flags>　　　default = 0xC2
    bit 0:　　1 = bar is displayed
    bit 1:　　1 = bar at top position
    bit 2:　　1 = bar at bottom position
    bit 3:　　1 = bar at left position
    bit 4:　　1 = bar at right position
    bit 5:　　in Presentations 1 = use button mouse cursor
            otherwise 1 = In add a button mode
    bit 6:　　1 = button displays icon
    bit 7:　　1 = button displays text
<main Button Bar name> x 13 default = "WPMAIN.WPB",0,0,0
<main Button Bar flags> default = 0xC2
    (see bits under current Button Bar flags above)
<graph edit Button Bar name> x 12 default = "WPGEDIT.WPB",0
<graph edit Button Bar flags> default = 0xC3
    (see bits under current Button Bar flags above)
<equation edit Button Bar name> x 13　　default = "WPEQEDIT.WPB",0
<equation edit Button Bar flags>　　default = 0xC3
    (see bits under current Button Bar flags above)
<print previous Button Bar name> x 11　　default = "WPPREV.WPB",0
<print previous Button Bar flags>　　default = 0xC3

    (see bits under current Button Bar flags above)◄

Packet Type 149 (0x95)
Print Options Information

► [number of copies]　default = 1
<network - form number to use (1-31)>　default = 0
<print network banners> default = 0 (no)
<document flags>
    bit 0:　　baseline placement for typesetters
        0 = 3/4 of lpi from top of cell
        1 = at top of cell
    bits 1-2:
        0 = font change
        1 = character in right margin
        2 = character in left margin
        3 = character in alternating margins
    bit 3:　　1 = document needs to be formatted
    bit 4:　　1 = document needs to be (re)generated
    bit 5:　　1 = manual display pitch
    bit 6:　　1 = links should be updated on retrieval
    bit 7:　　1 = links codes should not be displayed
<0x23>
[redline character]　　default = '|'
<print to file>　default = 0 (no)
[200% - extra large]
[150% - very large]
[120% - large]
[80% - small]
[60% - fine]
[60% - sup/sub]　　default same as fine
<ink color>　　default = 1 (full color)
[maximum point size]　　default = 24pt (24*(3600/72))◄

Packet Type 150 (0x96)
Soft Font (SFT) Driver Paths

►   [total number of drivers in packet]◄

The following information is repeated for each driver in the packet:

►   [length of this driver entry]
                        <driver type>   same as font type
                        <miscellaneous flags, used internally>
                            bit 0:   1 = internal driver
                            bit 1:   1 = driver is marked as currently active
                        <path text length>
                        <actual path text byte string> x ?   no null terminator
                        [menu text length including null]
                        [actual menu text] x ?   null-terminated WordPerfect word string◄