

Version: 'V04-000'

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++ FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT: Definitions related to the IF stack, for nested .IF commands.

ENVIRONMENT: Transportable BLISS

AUTHOR: Rich Friday

CREATION DATE: 1978

MODIFIED BY:

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002 KAD00002 Keith Dawson 07-Mar-1983
Global edit of all modules. Updated module names, idents,
copyright dates. Changed require files to BLISS library.

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LITERAL

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IFSTK_SIZE = 10,   ! Up to 10 levels of .IFs.
IFSTK_DEPTH = -1, ! Index into the IFSTK where the current depth is saved.
IFSTK_VR = 0,     ! Index to VRxxxx information.
IFSTK_BOOL = 1,   ! Logical value in effect at this time.
IFSTK_SOURCE = 2, ! The handler code of the command that made this entry.
IFSTK_REQ_D = 3,  ! .REQUIRE depth at which .IF must terminate.
IFSTK_IPAGEN = 4, ! Input file page number.
IFSTK_ISEQN = 5,  ! Input file sequence number.

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IFSTK_FLAG = 6, ! The /DRAFT flag that was interrupted.  
IFSTK_ELSE_FLG = 7; ! The /DRAFT flag for the .else branch.
```

STRUCTURE

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IFSTACK[I,J;N=IFSTK_SIZE] =  
  [%UPVAL*( 8*N + 1 + 8 )] ! Leave room for the 0th nesting level.  
  (IFSTACK + (If J eql IFSTK_DEPTH  
    then 0  
    else %UPVAL*(1 + 8*I + J) ) );  
!  
      End of IFSTK.REQ
```

