

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:
  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.
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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) ) );
```

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! End of IFSTK.REQ
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|---------------|------------------|-----------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| CONVRT REQ | | | FRMSTK REQ | GETQSC REQ | | | | | NDXCLI REQ | NDXRTY REQ | | | | |
| | ECC REQ | | | | | | KWITEM REQ | | | | | PHDEF REQ | | RUNTAB REQ |
| | | FLIPRECS REQ | FNCT REQ | | GNCC REQ | IFSTK REQ | | LSTOPS REQ | | | | OUTOPT REQ | | |
| | | | | FSPACK REQ | | | | | | | NDXXPL REQ | | | |
| | | | | | | | | MAXIMA REQ | | | | | POOL REQ | RUNHAN REQ |
| DMDEFS REQ | FFDEFS REQ | | | | GSLUCC REQ | INDEX REQ | | | | NDXLIN REQ | | PAGEN REQ | | |
| | | | | | | | LETTER REQ | | | | NMLST REQ | | | |
| | | | FOOFIL REQ | GCA REQ | | | | MSG REQ | | | | | RNODEF REQ | |
| DSRLIB REQ | FLGT REQ | | | | HCT REQ | IRAC REQ | | | | NDXPOL REQ | | PASS REQ | | |
| | | | | | | | | | | | | | | |
| | | | FOOREC REQ | | | | LODEFS REQ | | | | NUMPRM REQ | | | |
| | | | | | | | | MSGTXT REQ | NBITS REQ | | | | | |
| | | | | | | KC REQ | | | | | | PDT REQ | RNOMAC REQ | |
| | FLIRCHARS REQ | | | | HLC REQ | | LSTBTS REQ | | | | OPDEV REQ | | | |