


```

NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LL      IIIIII
NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LL      IIIIII
NN      NN  DD        DD  XX      XX  CC        LL      II
NN      NN  DD        DD  XX      XX  CC        LL      II
NNNN    NN  DD        DD  XX  XX  CC        LL      II
NNNN    NN  DD        DD  XX  XX  CC        LL      II
NN  NN  NN  DD        DD      XX  CC        LL      II
NN  NN  NN  DD        DD      XX  CC        LL      II
NN      NNNN DD        DD  XX  XX  CC        LL      II
NN      NNNN DD        DD  XX  XX  CC        LL      II
NN      NN  DD        DD  XX      XX  CC        LL      II
NN      NN  DD        DD  XX      XX  CC        LL      II
NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LLLLLLLLLL  IIIIII
NN      NN  DDDDDDDD  XX      XX  CCCCCCCC  LLLLLLLLLL  IIIIII

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RRRRRRR  EEEEEEEEE  QQQQQQ
RRRRRRR  EEEEEEEEE  QQQQQQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RRRRRRR  EEEEEEEEE  QQ      QQ
RR  RR  EE      QQ  QQ  QQ
RR  RR  EE      QQ  QQ  QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EEEEEEEEE  QQQQ  QQ
RR      RR  EEEEEEEEE  QQQQ  QQ

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IDENT = 0V04-00004

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FACILITY:
  DSR (Digital Standard RUNOFF) /DSRPLUS DSRINDEX/INDEX Utility

ABSTRACT:      INDEX command line definitions

ENVIRONMENT:   Transportable

AUTHOR:        JPK

CREATION DATE: January 1982

MODIFIED BY:

  004      JPK00015      04-Feb-1983
           Cleaned up module names, modified revision history to
           conform with established standards. Updated copyright dates.

  003      JPK00011      24-Jan-1983
           Changed CMDBLK [NDX$G_LEVEL] to CMDBLK [NDX$H_LEVEL]
           Changed CMDBLK [NDX$H_FORMAT] to CMDBLK [NDX$R_LAYOUT]
           Changed CMDBLK [NDX$V_TMS11] and CMDBLK [NDX$V_TEX] to CMDBLK [NDX$H_FORMAT]
           Changed comparisons of (.CHRSIZ EQLA CHRSZA) to
           (.CMDBLK [NDX$H_FORMAT] EQL TMS11 A).
           Definitions were changed in NDXCLI and references to the
           effected fields were changed in NDXPAG, NDXFMT, INDEX, NDXVMS
           and NDXCLIDMP.

  002      RER00002      20-Jan-1983
           Modified VMS command line interface module NDXVMS:

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- changed /FORMAT qualifier to /LAYOUT.
- changed use of /RESERVE and /REQUIRE for DSRPLUS.
- added code for new DSRPLUS qualifiers /FORMAT and /TELLTALE_HEADINGS.

Added fields to NDXCLI for new qualifiers: NDX\$V_TELLTALE
and NDX\$V_TEX.
Conditionalized output of NDX\$V PAGE MERGE in NDXCLIDMP to
account for different DSR and DSRPLUS default values.

```

NDXCMD_FIELDS
$FIELD ndxcmd_fields =
SET
  NDX$V_OPTIONS      = [$INTEGER],      ! Command option indicators:
  $OVERLAY (NDX$V_OPTIONS)
  NDX$V_INPUT_CONCAT = [$BIT],          ! Input file concatenated to previous
  NDX$V_OUTPUT       = [$BIT],          ! Generate output file
  NDX$V_REQUIRE      = [$BIT],          ! Require file specified
  NDX$V_PAGES        = [$BIT],          ! Include page references in index
  NDX$V_OVERRIDE     = [$BIT],          ! Override master index information
  NDX$V_STANDARD_PAGE = [$BIT],         ! Generate standard page numbers
  NDX$V_CONTINUATION = [$BIT],         ! Generate continuation headings
  NDX$V_GUIDE        = [$BIT],         ! Generate guide headings
  NDX$V_WORD_SORT    = [$BIT],         ! Sort entries word by word
  NDX$V_LOG          = [$BIT],         ! Generate /LOG message
  NDX$V_MASTER       = [$BIT],         ! Generate a master index
  NDX$V_PAGE_MERGE   = [$BIT],         ! Merge adjacent page references
  NDX$V_TELLTALE     = [$BIT],         ! Generate telltale headings

  $CONTINUE
  NDX$H_FORMAT       = [$SHORT_INTEGER], ! Output format: DSR, TMS, TEX
  NDX$H_LAYOUT       = [$SHORT_INTEGER], ! Output layout type
  NDX$H_NONALPHA     = [$SHORT_INTEGER], ! Treatment of leading nonalphas during sort
  NDX$H_LEVEL        = [$SHORT_INTEGER], ! Deepest level to include in index
  NDX$G_COLUMN_WID   = [$INTEGER],       ! Column width
  NDX$G_GUTTER_WID   = [$INTEGER],       ! Gutter width
  NDX$G_LINES_PAGE   = [$INTEGER],       ! Lines per page
  NDX$G_RESERVE_LINES = [$INTEGER],      ! Number of lines to reserve when requiring a file
  NDX$G_SEPARATE_WIDTH = [$INTEGER],     ! Width of reference portion of entry
  NDX$T_MASTER_BOOK  = [$DESCRIPTOR(DYNAMIC)], ! Book name descriptor for Master indexing
  NDX$T_INPUT_FILE   = [$DESCRIPTOR(DYNAMIC)], ! Input file name descriptor
  NDX$T_OUTPUT_FILE  = [$DESCRIPTOR(DYNAMIC)], ! Output file name descriptor
  NDX$T_REQUIRE_FILE = [$DESCRIPTOR(DYNAMIC)], ! Require file name descriptor
  NDX$T_RELATED_FILE = [$DESCRIPTOR(DYNAMIC)], ! Related file name descriptor is saved here
  NDX$T_COMMAND_LINE = [$DESCRIPTOR(DYNAMIC)], ! Copy of entire command line

  TES;
End of NDXCMD_FIELDS

LITERAL
  NDXCMD$K_LENGTH = $FIELD_SET_SIZE;

MACRO
  $NDXCMD = BLOCK [NDXCMD$K_LENGTH] FIELD (NDXCMD_FIELDS) %;

$LITERAL
  DSR          = $DISTINCT,      ! Output formats (NDX$H_FORMAT)
  ! Runoff

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TMS11_A	= \$DISTINCT,	! TMS=A
TMS11_E	= \$DISTINCT,	! TMS=E
TEX	= \$DISTINCT;	! TEX

\$LITERAL		! Output layouts (NDX\$H_LAYOUT)
TWO_COLUMN	= \$DISTINCT,	! Normal two column format
ONE_COLUMN	= \$DISTINCT,	! Normal one column format
SEPARATE	= \$DISTINCT,	! Separate reference format
GALLEY	= \$DISTINCT;	! TMS11 Galley format

\$LITERAL		! Treatment of leading nonalphas during sort (NDX\$H_NONALPHA)
BEFORE	= \$DISTINCT,	! Leading nonalphas sort before alphas
AFTER	= \$DISTINCT,	! Leading nonalphas sort after alphas
IGNORE	= \$DISTINCT;	! Leading nonalphas are ignored

! -- End of NDXCLI.REQ

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CONURT 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		
DIGIT REQ				FSPACK REQ							NDXXPL REQ			
									MAXIMA REQ			POOL REQ	RUNHAN REQ	
DMDEFS REQ	FFDEFS REQ			GSUCC 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			
								LODEFS REQ			NUMPRM REQ			
			FOOREC REQ				MSGTXT REQ	NBITS REQ				PDT REQ	RNOMAC REQ	
						KC REQ								
	FLIRCHARS REQ				HLC REQ		LSTBTS REQ			OPDEV REQ				