


```

LL      EEEEEEEEE TTTTTTTTT TTTTTTTTT EEEEEEEEE RRRRRRR
LL      EEEEEEEEE TTTTTTTTT TTTTTTTTT EEEEEEEEE RRRRRRR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EEEEEEEEE TT          TT          EEEEEEEEE RRRRRRR
LL      EEEEEEEEE TT          TT          EEEEEEEEE RRRRRRR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LL      EE          TT          TT          EE          RR          RR
LLLLLLLLL EEEEEEEEE TT          TT          EEEEEEEEE RR          RR
LLLLLLLLL EEEEEEEEE TT          TT          EEEEEEEEE RR          RR

```

```

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
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EE      QQ      QQ
RR      RR  EEEEEEEEE QQQQ  QQ
RR      RR  EEEEEEEEE QQQQ  QQ

```

MAX
LIT
MAC

!

Version: 'V04-000'

```

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FACILITY:      DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:
  Macros to test if a character is an appropriately flavored letter,
  and macros to convert between upper and lower case.

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.

```

```

--
MACRO
upper letter (khar) =      ! See if upper case letter
  (khar GEQ %C'A' AND khar LEQ %C'Z')
%,

lower letter (khar) =      ! See if lower case letter
  (khar GEQ %C'a' AND khar LEQ %C'z')
%,

```

```
letter (khar) = ! See if any type of letter
  (upper_letter (khar) OR lower_letter (khar))
%;
```

```
MACRO
upper_case (khar) = ! Convert to upper case
  (khar + %C'A' - %C'a')
%;
```

```
lower_case (khar) = ! Convert to lower case
  (khar + %C'a' - %C'A')
%;
```

```
!          End of LETTER.REQ
```


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		
DIGIT 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			
								LODEFS REQ			NUMPRM REQ			
			FOOREC REQ				MSGTXT REQ	NBITS REQ					PDT REQ	RNOMAC REQ
					KC REQ						OPDEV REQ			
	FLIRCHARS REQ				HLC REQ	LSTBTS REQ								