

File created: 9-Nov-89 15:32:46 {ICE}<DENBER>LISP>LYRIC>READEBCDIC.;1

changes to: (VARS READEBCDICCOMS)
(FNS READEBCDIC)

Read Table: XCL

Package: INTERLISP

Format: XCCS

(RPAQQ READEBCDICCOMS ((FNS READEBCDIC)))

(DEFINEQ

(READEBCDIC

(LAMBDA (INFILE OUTFILE ADDCR)

; Edited 9-Nov-89 15:31 by MJD

;; Converts EBCDIC to ASCII. If ADDCR is T, adds a CR after every 80 chars.

```
(PROG (TRTAB TRLIST SPCHARS LCASE UCASE NUMBERS INSTREAM OUTSTREAM (COL 0))
  (SETQ TRTAB (ARRAY 256 NIL " " 0))
  (SETQ SPCHARS " .<(+|& !$*);~/ ,%_>? :#@'=\ " ")
  (SETQ LCASE "abcdefghi jklmnopqr stuvwxyz")
  (SETQ UCASE "ABCDEFGH IJKLMNOPQR STUVWXYZ ")
  (SETQ NUMBERS "0123456789")
  (SETQ TRLIST (UNPACK (CONCAT SPCHARS LCASE UCASE NUMBERS)))
  (|for| I |from| 0 |to| 31 |do| (SETA TRTAB I (CHARACTER I)))
  (|for| I |from| 64 |as| CHAR |in| TRLIST |do| (SETA TRTAB I CHAR))
  (SETQ INSTREAM (OPENSTREAM INFILE 'INPUT 'OLD))
  (SETQ OUTSTREAM (OPENSTREAM OUTFILE 'OUTPUT 'NEW))
  (|until| (EOFP INSTREAM) |do| (PRIN1 (ELT TRTAB (BIN INSTREAM))
    OUTSTREAM)
    (ADD COL 1)
    (IF (EQ COL 80)
      THEN (SETQ COL 0)
      (AND ADDCR (TERPRI OUTSTREAM))))
  (CLOSEF INSTREAM)
  (CLOSEF OUTSTREAM)))
```

)

FUNCTION INDEX

READEBCDIC1
