```
14-Jan-87 17:50:00 {MCS:MCS:STANFORD}<LANE>BMENCODE.;13
 File created:
previous date:
               19-Dec-86 14:46:44 {MCS:MCS:STANFORD}<LANE>BMENCODE.;11
 Read Table:
               OLD-INTERLISP-FILE
    Package:
               INTERLISP
       Format:
                XCCS
           (* * Copyright (c) 1986, 1987 by Stanford University. All rights reserved.)
(RPAQQ BMENCODECOMS
        ((* User function)
         (FNS BITMAP.ENCODE)
         (* Internal functions)
         (FNS FILE.TO.BITMAP BITMAP.TO.FILE)
         (ADDVARS (BMC.MAKEFILE.OPTIONS NEW))
         (INITVARS (BMC.EXTENSION 'BMC)
                 (BMC.BYTESPERLINE 64))
         (GLOBALVARS BMC.MAKEFILE.OPTIONS BMC.EXTENSION BMC.BYTESPERLINE)))
           (* * User function)
(DEFINEQ
(BITMAP.ENCODE
                                                                        (* cdl "19-Dec-86 14:43")
  [LAMBDA (FILES)
    (LET [FILENAME (FILENAMES (bind NAME for FILE inside FILES collect (PROG1 (SETO NAME (NAMEFIELD FILE T))
                                                                               (SETATOMVAL NAME (FILE.TO.BITMAP FILE)))]
          (DECLARE (SPECVARS FILENAME))
          [SETATOMVAL [FILECOMS (NAMEFIELD (SETQ FILENAME (PACKFILENAME 'EXTENSION BMC.EXTENSION 'BODY
                                                                        (CAR FILENAMES)
                  (BQUOTE ((BITMAPS ,@ FILENAMES)
                            (P (for file in (QUOTE , FILENAMES) do (PRIN1 "Restoring file ") (PRIN1 (BITMAP.TO.FILE (EVALV FILE)
                                                                                     FILE))
                                                                      (TERPRII
          (RESETVAR FONTCHANGEFLG NIL (MAKEFILE FILENAME BMC.MAKEFILE.OPTIONS])
)
           (* * Internal functions)
(DEFINEQ
(FILE.TO.BITMAP
    AMBDA (FILE)
(DECLARE (SPECVARS FILE))
                                                                        (* cdl "19-Dec-86 13:37")
     (LET (STREAM)
          (DECLARE (SPECVARS STREAM))
              RESETSAVE NIL (BQUOTE (CLOSEF? , (SETQ STREAM (OPENSTREAM FILE 'INPUT] (LET (BITMAP (LENGTH (GETFILEINFO STREAM 'LENGTH))
                            (BYTESPERLINE (QUOTIENT BMC.BYTESPERLINE 2)))
                    (with BITMAP (SETQ BITMAP (BITMAPCREATE (TIMES BYTESPERLINE BITSPERBYTE)
                                                        (QUOTIENT (PLUS (TIMES 2 BYTESPERWORD)
                                                                          BYTESPERLINE LENGTH)
                                                                BYTESPERLINE)))
                          (\PUTBASE BITMAPBASE 0 LENGTH)
                          (\PUTBASE BITMAPBASE 1 (RSH LENGTH BITSPERWORD))
                          (\BINS STREAM BITMAPBASE (TIMES 2 BYTESPERWORD)
                                 LENGTH))
                    BITMAP))1)
(BITMAP.TO.FILE
          (BITMAP FILE)
                                                                        (* cdl "19-Dec-86 13:40")
  [LAMBDA
     (DECLARE (SPECVARS BITMAP FILE))
    (LET
          (DECLARE (SPECVARS STREAM))
          (RESETLST
              [RESETSAVE NIL (BQUOTE (CLOSEF? , (SETQ STREAM (OPENSTREAM FILE 'OUTPUT] [with bitmap (\DTEST bitmap 'bitmap)
                    (\BOUTS STREAM BITMAPBASE (TIMES 2 BYTESPERWORD)
                            (PLUS (\GETBASE BITMAPBASE 0)
                                   (LSH (\GETBASE BITMAPBASE 1)
                                        BITSPERWORD]
              (FULLNAME STREAM))])
(ADDTOVAR BMC.MAKEFILE.OPTIONS NEW)
(RPAQ? BMC.EXTENSION 'BMC)
```

```
{MEDLEY}<lispusers>BMENCODE.;1
```

```
(RPAQ? BMC.BYTESPERLINE 64)

(DECLARE: DOEVAL@COMPILE DONTCOPY

(GLOBALVARS BMC.MAKEFILE.OPTIONS BMC.EXTENSION BMC.BYTESPERLINE)
)

(PUTPROPS BMENCODE COPYRIGHT ("Stanford University" 1986 1987))
```

{MEDLEY}spusers>BMENCODE.;1 28-Jun-2024 18:34:03 -- Listed on 30-Jun-2024 13:13:39 --

FUNCTION INDEX		
BITMAP.ENCODE1	BITMAP.TO.FILE1	FILE.TO.BITMAP1
VARIABLE INDEX		
BMC.BYTESPERLINE2	BMC.EXTENSION1	BMC.MAKEFILE.OPTIONS1