-- InlineDefs.Mesa Edited by Sandman on June 15, 1977 9:01 AM

DIRECTORY
  Mopcodes: FROM "mopcodes";

DEFINITIONS FROM Mopcodes;

InlineDefs: DEFINITIONS =
  BEGIN   -- byte codes for inline

  COPY: MACHINE CODE [from: POINTER, nwords: CARDINAL, to: POINTER] =
    INLINE[zBLT];

  DIVMOD: MACHINE CODE [num, den: CARDINAL] RETURNS [quotient, remainder: CARDINAL] =
    INLINE[zDIV];

  PUSH: MACHINE CODE RETURNS [WORD] =
    INLINE[zPUSH];

  LDIVMOD: MACHINE CODE [numlow: WORD, numhigh: CARDINAL, den: CARDINAL]
    RETURNS [quotient, remainder: CARDINAL] = INLINE[zLDIV];

  LongCARDINAL: TYPE = MACHINE DEPENDENT RECORD [
    lowbits: CARDINAL,
    highbits: CARDINAL];

  LongMult: MACHINE CODE [CARDINAL, CARDINAL] RETURNS [product: LongCARDINAL] =
    INLINE [zMUL, zPUSH];
  LongDiv: MACHINE CODE [num: LongCARDINAL, den: CARDINAL] RETURNS [CARDINAL] =
    INLINE[zLDIV, zPOP];
  LongDivMod: MACHINE CODE [num: LongCARDINAL, den: CARDINAL]
    RETURNS [quotient, remainder: CARDINAL] = INLINE[zLDIV];

  BitOp: TYPE = MACHINE CODE [WORD, WORD] RETURNS [WORD];

  BITAND: BitOp = INLINE[zAND];
  BITOR: BitOp = INLINE[zOR];
  BITXOR: BitOp = INLINE[zXOR];
  BITNOT: MACHINE CODE [WORD] RETURNS [WORD] = INLINE[zLIN1, zXOR];
  BITSHIFT: MACHINE CODE [value: WORD, count: INTEGER] RETURNS [WORD] =
    INLINE[zSHIFT];

  USC: PROCEDURE [a1, a2: WORD] RETURNS [INTEGER];

  END...