```
(RPAQQ CMLPREDCOMS ((FNS CL:CONSP CL:ATOM CL:LISTP CL:INTEGERP CL:SYMBOLP)
                    (OPTIMIZERS CL:ATOM CL:LISTP CL:CONSP CL:INTEGERP CL:SYMBOLP)
                    (PROP FILETYPE CMLPRED)))

(DEFINEQ

(CL:CONSP
  [LAMBDA (X)                                                  (* raf " 4-Nov-85 19:02")
    (AND (LISTP X)
         T])

(CL:ATOM
  [LAMBDA (X)
    (NLISTP X])

(CL:LISTP
  [LAMBDA (X)
    (OR (NULL X)
        (AND (LISTP X)
             T])

(CL:INTEGERP
  [LAMBDA (X)
    (AND (FIXP X)
         T])

(CL:SYMBOLP
  [LAMBDA (X)
    (LITATOM X])
)

(DEFOPTIMIZER CL:ATOM (&REST ARGS)
                      (CONS 'NLISTP ARGS))

(DEFOPTIMIZER CL:LISTP (&REST ARGS)
                      (CONS '(OPENLAMBDA (X)
                              (OR (NULL X)
                                  (AND (LISTP X)
                                       T)))
                            ARGS))

(DEFOPTIMIZER CL:CONSP (X)
                      '(AND (LISTP ,X)
                            T))

(DEFOPTIMIZER CL:INTEGERP (X)
                      '(AND (FIXP ,X)
                            T))

(DEFOPTIMIZER CL:SYMBOLP (&REST ARGS)
                      (CONS 'LITATOM ARGS))

(PUTPROPS CMLPRED FILETYPE CL:COMPILE-FILE)

(PUTPROPS CMLPRED COPYRIGHT ("Venue & Xerox Corporation" 1986 1990))
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OPTIMIZER INDEX

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