changes to: (VARS FASTINITCOMS)
            (FNS FASTSETAW FASTSETA FASTELTW FASTELT)

Read Table: XCL

Package: INTERLISP

Format: XCCS

(RPAQQ **FASTINITCOMS** (;; Function definitions for the "fast" array accessors used in making the INIT.
                    ;; <...>Library>VMEM defines these as ELT & SETA, which aren't too fast.
                    ;; This is an attempt to speed up INIT building on Suns. --JDS 1/26/90
                    (FNS FASTELT FASTELTW FASTSETA FASTSETAW)))

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```
(DEFINEQ

(FASTELT
  (LAMBDA (A N)                                              ; Edited 26-Jan-90 11:39 by jds

    ;; Fast version of pointer-array ELT, for use in building INIT.

    (PROG ((BASE (|ffetch| (ARRAYP BASE) |of| A))
           (N0 (IDIFFERENCE N (|ffetch| (ARRAYP ORIG) |of| A))))
          (SETQ N0 (IPLUS N0 (|ffetch| (ARRAYP OFFST) |of| A)))
          (RETURN (\\GETBASEPTR (\\ADDBASE2 BASE N0)
                          0)))))

(FASTELTW
  (LAMBDA (A N)                                              ; Edited 26-Jan-90 11:40 by jds
    (PROG ((BASE (|fetch| (ARRAYP BASE) |of| A))
           (N0 (IDIFFERENCE N (|fetch| (ARRAYP ORIG) |of| A))))
          (SETQ N0 (IPLUS N0 (|fetch| (ARRAYP OFFST) |of| A)))
          (RETURN (\\GETBASE BASE N0)))))

(FASTSETA
  (LAMBDA (A N V)                                            ; Edited 26-Jan-90 11:41 by jds

    ;; Fast version of SETA for pointer arrays for the INIT building code.

    (PROG ((BASE (|fetch| (ARRAYP BASE) |of| A))
           (N0 (IDIFFERENCE N (|fetch| (ARRAYP ORIG) |of| A))))
          (SETQ N0 (IPLUS N0 (|fetch| (ARRAYP OFFST) |of| A)))
          (RETURN (\\RPLPTR (\\ADDBASE2 BASE N0)
                          0 V)))))

(FASTSETAW
  (LAMBDA (A N V)                                            ; Edited 26-Jan-90 11:42 by jds

    ;; Fast version of SETA for wrod-arrays, for INIT building code.

    (PROG ((BASE (|fetch| (ARRAYP BASE) |of| A))
           (N0 (IDIFFERENCE N (|fetch| (ARRAYP ORIG) |of| A))))
          (SETQ N0 (IPLUS N0 (|fetch| (ARRAYP OFFST) |of| A)))
          (RETURN (\\PUTBASE BASE N0 V)))))

)
```

FUNCTION INDEX