

File created: 16-May-90 12:03:44 {DSK}<usr>local>lde>lispcore>sources>ARGLIST.;2

changes to: (VARS ARGLISTCOMS)

previous date: 3-Dec-86 22:19:56 {DSK}<usr>local>lde>lispcore>sources>ARGLIST.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ ARGLISTCOMS ((FNS PRINT-ARGLIST)))

(DEFINEQ

(PRINT-ARGLIST

(LAMBDA (ARGS ACTUALS FILE LEFT)
(PROG (TYPE REMARGS)
(OR LEFT (SETQ LEFT 0))

; Edited 25-Nov-86 16:16 by Imm

;; Prints args to fn, matching up with ACTUALS, if supplied. Do this in a way that lets us keep track of where we are

```
(|if| (AND ARGS (NLISTP ARGS))  
  |then| (SETQ ARGS (LIST ' &NREST ARGS)))  
(COND  
  (ACTUALS (COND  
    ((CDR ACTUALS)  
     (TAB 0 0 FILE))  
    (T (PRIN1 " " FILE)))  
  (|bind| MODE |while| ACTUALS  
   |do| (COND  
     (NULL ARGS)  
     (TAB 0 0 FILE)  
     (PRIN1 "...+" FILE))  
    (NLISTP ARGS)  
    (TAB 0 0 FILE)  
    (PRIN1 " . " FILE)  
    (PRIN2 ARGS FILE)  
    (SETQ ARGS)  
    (T (SELECTQ (CAR ARGS)  
      (&REST &BODY)  
      (TAB 0 0 FILE)  
      (PRIN2 (|pop| ARGS)  
        FILE)  
      (PRIN1 " " FILE)  
      (PRIN2 (|pop| ARGS)  
        FILE)  
      (PROGN (TAB 15 1 FILE)  
        (PRIN1 "= " FILE))  
      (PRIN2 ACTUALS FILE)  
      (SETQ ACTUALS)  
      (TERPRI FILE)  
      (RETURN))  
      (&REST (TAB 0 0 FILE)  
        (PRIN1 ". " FILE)  
        (PRIN2 (|pop| ARGS)  
          FILE)  
        (PROGN (TAB 15 1 FILE)  
          (PRIN1 "= " FILE))  
        (PRIN2 ACTUALS FILE)  
        (SETQ ACTUALS)  
        (TERPRI FILE)  
        (RETURN))  
      (&ALLOW-OTHER-KEYS  
        (SPACES 1 FILE)  
        (PRIN2 (|pop| ARGS)  
          FILE)  
        (TERPRI FILE)  
        (GO $$ITERATE))  
      (&OPTIONAL (PRIN2 (SETQ MODE (|pop| ARGS))  
        FILE)  
        (PRIN1 " " FILE)  
        (PRIN2 (|pop| ARGS)  
          FILE))  
      (&KEY (|while| ARGS |do| (PRIN1 " " FILE)  
        (PRIN2 (|pop| ARGS)  
          FILE))  
      (|while| ACTUALS |do| (PROGN (TAB 15 1 FILE)  
        (PRIN1 "= " FILE))  
        (PRIN2 (|pop| ACTUALS)  
          FILE)  
        (PRIN1 " " FILE)  
        (PRIN2 (|pop| ACTUALS)  
          FILE)  
        (TERPRI FILE))  
      (RETURN) )
```

```

                (PRIN2 (|pop| ARGS)
                     FILE)))
      (PROGN (TAB 15 1 FILE)
             (PRIN1 "= " FILE))
      (PRIN2 (CAR ACTUALS)
             FILE)
      (SETQ ACTUALS (CDR ACTUALS))
      (TERPRI FILE)))
(|while| ARGS |do| (PRIN2 (|pop| ARGS)
                        FILE)
                  (AND ARGS (PRIN1 " " FILE))))))

)

(PUTPROPS ARGLIST COPYRIGHT ("Venue & Xerox Corporation" 1986 1990))
```

FUNCTION INDEX

PRINT-ARGLIST1
