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

(DEFINEQ

(PRINT-ARGLIST
  (LAMBDA (ARGS ACTUALS FILE LEFT)                          ; Edited 25-Nov-86 16:16 by lmm
    (PROG (TYPE REMARGS)
          (OR LEFT (SETQ LEFT 0))

      ;; Prints args to fn, mastching 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))
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FUNCTION INDEX