

File created: 13-Jul-90 18:00:23 {PELE:MV:ENVOS}<LISPCORE>SOURCES>CMLLOAD.;4

changes to: (FUNCTIONS CL::\OPENSTREAM-WITH-DEFAULT)

previous date: 4-Jun-90 15:23:02 {PELE:MV:ENVOS}<LISPCORE>SOURCES>CMLLOAD.;3

Read Table: XCL

Package: INTERLISP

Format: XCCS

; Copyright (c) 1986, 1987, 1988, 1990 by Venue & Xerox Corporation. All rights reserved.

```
(RPAQQ CMLLOADCOMS ((FUNCTIONS CL:LOAD CL::\OPENSTREAM-WITH-DEFAULT)
  (FNS \CML-LOAD)
  (VARIABLES *LOAD-PRINT-STUFF* *LOAD-VERBOSE*)
  (PROP FILETYPE CMLLOAD)))
```

```
(CL:DEFUN CL:LOAD (FILENAME &KEY ((:VERBOSE *LOAD-VERBOSE*)
  *LOAD-VERBOSE*)
  ((:PRINT *LOAD-PRINT-STUFF*
  *LOAD-PRINT-STUFF*)
  (IF-DOES-NOT-EXIST :ERROR)
  (LOADFLG NIL)
  PACKAGE)
```

"Loads the file named by Filename into the Lisp environment."

```
(LET ((STREAM (OR (STREAMP FILENAME)
  (|if| (NULL IF-DOES-NOT-EXIST)
  |then| (CONDITION-CASE (CL::\OPENSTREAM-WITH-DEFAULT FILENAME)
  (XCL:FILE-NOT-FOUND NIL
```

;; Spec says return NIL if file not found and IF-DOES-NOT-EXIST is NIL

```
(CL:RETURN-FROM CL:LOAD NIL)))
  |else| (CL::\OPENSTREAM-WITH-DEFAULT FILENAME))))
(CL:UNWIND-PROTECT
  (\LOAD-STREAM STREAM (CL:INTERN (STRING LOADFLG)
  (CL:FIND-PACKAGE "INTERLISP"))
  *LOAD-PRINT-STUFF*
  (AND *LOAD-VERBOSE* *TERMINAL-IO*)
  PACKAGE)
  (CL:CLOSE STREAM)))
```

```
(CL:DEFUN CL::\OPENSTREAM-WITH-DEFAULT (CL::FILENAME)
  (DECLARE (CL:SPECIAL LOADPARAMETERS))
```

;; If the current connected directory is "{DSK}<tmp>", (CL:LOAD "{CORE}FOO") should load "{CORE}FOO" rather than "{CORE}<tmp>FOO". Thus  
;; we call MERGE-PATHNAMES iff HOST field is not specified in FILENAME.

```
(CL:IF (NULL (CL:IF (CL:PATHNAMEP CL::FILENAME)
  (CL:PATHNAME-HOST CL::FILENAME)
  (FILENAMEFIELD CL::FILENAME 'HOST)))
  (OPENSTREAM (CL:MERGE-PATHNAMES (PATHNAME CL::FILENAME)
  *DEFAULT-PATHNAME-DEFAULTS*)
  'INPUT
  'OLD LOADPARAMETERS)
  (OPENSTREAM CL::FILENAME 'INPUT 'OLD LOADPARAMETERS)))
```

(DEFINEQ

(\CML-LOAD

(LAMBDA (STREAM PRINTFLG LOAD-VERBOSE-STREAM PACKAGE) ; Edited 19-Jan-87 18:27 by bvm:

;; Loads a "Common Lisp file" a la CL:LOAD. Currently only do this if file starts with semi-colon. PACKAGE overrides the default (USER).

```
(LET ((*PACKAGE* (OR PACKAGE (CL:FIND-PACKAGE "USER")))
  (*READTABLE* CMLRDTBL)
  (FULL (FULLNAME STREAM))
  (EOF-MARK "EOF")
  EXPR)
  (|until| (EQ EOF-MARK (SETQ EXPR (CL:READ STREAM NIL EOF-MARK))) |do| (COND
    (PRINTFLG (PRINT (CL:EVAL EXPR)
      T))
    (T (CL:EVAL EXPR))))
  (|if| LOAD-VERBOSE-STREAM
  |then| (CL:FORMAT LOAD-VERBOSE-STREAM "; Finished loading ~A, ~D bytes read~&" FULL (GETFILEPTR
    STREAM)))
  FULL)))
```

```
(CL:DEFVAR *LOAD-PRINT-STUFF* NIL
  "Default value for :PRINT keyword to LOAD")
```

```
(CL:DEFVAR *LOAD-VERBOSE* T
  "Default for VERBOSE keyword to LOAD.")
```

{MEDLEY}<sources>CMLLOAD.;1

Page 2

(PUTPROPS **CMLLOAD FILETYPE** CL:COMPILE-FILE)

(PUTPROPS **CMLLOAD COPYRIGHT** ("Venue & Xerox Corporation" 1986 1987 1988 1990))

---

**FUNCTION INDEX**

CL:LOAD .....1    \\CML-LOAD .....1    CL::\\OPENSTREAM-WITH-DEFAULT ....1

---

**VARIABLE INDEX**

\*LOAD-PRINT-STUFF\* .....1    \*LOAD-VERBOSE\* .....1

---

**PROPERTY INDEX**

CMLLOAD .....2

---