```
16-May-90 16:27:39 {DSK}<usr>local>lde>lispcore>sources>ERROR-RUNTIME.;2
 File created:
  changes to:
              (VARS ERROR-RUNTIMECOMS)
previous date:
               5-Feb-88 15:54:20 {DSK}<usr>local>lde>lispcore>sources>ERROR-RUNTIME.:1
 Read Table:
              XCL
   Package:
              INTERLISP
      Format:
               XCCS
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(RPAOO ERROR-RUNTIMECOMS
       ((COMS
;;; Internal functions.
               (FUNCTIONS SI::CONDITION-CASE-ERROR CONDITION-HANDLER CONDITION-REPORTER %PRINT-CONDITION
                      CONDITIONS::%RESTART-PRINTER CONDITIONS::%RESTART-DEFAULT-REPORTER REPORT-CONDITION
                      CONDITION-PARENT)
               (VARIABLES *CONDITION-HANDLER-BINDINGS* *PROCEED-CASES*)
               (FUNCTIONS CHECK-TYPE-FAIL ECASE-FAIL ASSERT-FAIL)
               (FUNCTIONS MAKE-INTO-CONDITION RAISE-SIGNAL DEFAULT-HANDLE-CONDITION DEFAULT-PROCEED-REPORTER
                      CONDITIONS::DEFAULT-RESTART-REPORTER DEFAULT-PROCEED-TEST TEST-PROCEED-CASE
                      WALK-PROCEED-CASES SI::INVOKE-ACTUAL-RESTART))
        (COMS
::: Exported symbols. Anything here that's not in CL should be in XCL.
               (VARIABLES CONDITIONS:*BREAK-ON-SIGNALS* *BREAK-ON-WARNINGS* XCL:*CURRENT-CONDITION*)
               (FUNCTIONS MAKE-CONDITION SIGNAL CL:ERROR CL:CERROR CL:WARN CL:BREAK CONDITIONS:INVOKE-DEBUGGER)
               (FUNCTIONS CONDITIONS:FIND-RESTART CONDITIONS:COMPUTE-RESTARTS CONDITIONS:INVOKE-RESTART
                      CONDITIONS: INVOKE-RESTART-INTERACTIVELY))
        (PROP FILETYPE ERROR-RUNTIME)))
;;; Internal functions.
(CL:DEFUN SI::CONDITION-CASE-ERROR (SI::REAL-SELECTOR SI::POSSIBILITIES)
   (CL:ERROR "Unexpected selector in ~S." 'CONDITION-CASE SI::REAL-SELECTOR SI::POSSIBILITIES))
(DEFMACRO CONDITION-HANDLER (XCL::CONDITION-TYPE)
   '(GETPROP ,XCL::CONDITION-TYPE '%CONDITION-HANDLER))
(DEFMACRO CONDITION-REPORTER (XCL::CONDITION-TYPE)
   '(GETPROP ,XCL::CONDITION-TYPE '%CONDITION-REPORTER))
(CL:DEFUN %PRINT-CONDITION (CONDITION STREAM LEVEL)
   (DECLARE (IGNORE LEVEL))
   (CL:IF *PRINT-ESCAPE*
       (CL:FORMAT STREAM "#<Condition ~S @ ~O, ~O>" (CL:TYPE-OF CONDITION)
              (\\HILOC CONDITION)
(\\LOLOC CONDITION))
       (REPORT-CONDITION CONDITION STREAM)))
(CL:DEFUN CONDITIONS::%RESTART-PRINTER (CONDITIONS:RESTART STREAM CONDITIONS::LEVEL)
   (CL:IF *PRINT-ESCAPE*
       (CL:FUNCALL CL::%DEFAULT-PRINT-FUNCTION CONDITIONS:RESTART STREAM CONDITIONS::LEVEL)
       (LET ((CONDITIONS::REPORTER (OR (CONDITIONS::RESTART-REPORT CONDITIONS:RESTART)
                                         (CONDITIONS::DEFAULT-RESTART-REPORT (CONDITIONS:RESTART-NAME
                                                                                      CONDITIONS: RESTART))
                                         (CL:RETURN-FROM CONDITIONS::%RESTART-PRINTER
                                                                               CONDITIONS::DEFAULT-RESTART-REPORTER
                                                                                         CONDITIONS: RESTART STREAM))
             (CL:IF (CL:STRINGP CONDITIONS::REPORTER)
                 (CL:PRINC CONDITIONS::REPORTER STREAM)
                 (CL:FUNCALL CONDITIONS::REPORTER STREAM)))))
(CL:DEFUN CONDITIONS::%RESTART-DEFAULT-REPORTER (CONDITIONS:RESTART STREAM)
   (CL:FUNCALL (CONDITIONS::DEFAULT-RESTART-REPORT (CONDITIONS:RESTART-NAME CONDITIONS:RESTART))
          CONDITIONS: RESTART STREAM))
(CL:DEFUN REPORT-CONDITION (CONDITION STREAM)
             (TYPE (CL:TYPE-OF CONDITION)
(CONDITION-PARENT TYPE))
(REPORTER (CONDITION-REPORTER TYPE)
                    (CONDITION-REPORTER TYPE)))
            ((NULL TYPE)
```

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(CL:BREAK "No report function found for ~S." CONDITION))
       (CL:WHEN REPORTER
           (RETURN (CL:IF (CL:STRINGP REPORTER)
                        (CL:PRINC REPORTER STREAM)
                        (CL:FUNCALL REPORTER CONDITION STREAM))))))
(CL:DEFUN CONDITION-PARENT (TYPE)
   (LET ((PARENT (GETSUPERTYPE TYPE)))
        (CL:IF (EQ PARENT 'CL::STRUCTURE-OBJECT)
            PARENT)))
(CL: DEFVAR *CONDITION-HANDLER-BINDINGS* NIL
   'Condition handler binding stack")
(CL:DEFVAR *PROCEED-CASES* NIL
   "Active proceed case stack")
(CL:DEFUN CHECK-TYPE-FAIL (PROCEEDABLE PLACE VALUE DESIRED-TYPE MESSAGE)
   (CONDITIONS:RESTART-CASE (CL:ERROR 'XCL:TYPE-MISMATCH : NAME PLACE : VALUE VALUE : EXPECTED-TYPE DESIRED-TYPE
                                     :MESSAGE MESSAGE)
          (STORE-VALUE (NEW)
                  : REPORT
                  (LAMBDA (STREAM)
                    (CL:FORMAT STREAM "Change the value of ~A" PLACE))
                  :INTERACTIVE
                  (LAMBDA NIL
                    (CL:FORMAT *QUERY-IO* "Enter a new value to store into ~A: " PLACE)
                    (LIST (CL:EVAL (CL:READ *QUERY-IO*))))
                  :FILTER
                  (LAMBDA NIL
                    (AND PROCEEDABLE (TYPEP XCL:*CURRENT-CONDITION* 'XCL:TYPE-MISMATCH)))
                  NEW)))
(CL:DEFUN ECASE-FAIL (PROCEEDABLE PLACE VALUE SELECTORS)
   (CONDITIONS: RESTART-CASE (CL:IF
                                     (EQL PLACE VALUE)
                                  (CL:ERROR "~S is ~?." VALUE "~#[wrong~;not ~S~;neither ~S nor ~S~:;not~@{~#[~;
                                         or~] ~S~^,~}~]" SELECTORS)
                                  (CL:ERROR "The value of ~S, ~S,~&is ~?." PLACE VALUE "~#[wrong~;not ~S~;neither
                                         ~S nor ~S~:;not~@{~#[~; or~] ~S~^,~}~]" SELECTORS))
          (STORE-VALUE (V)
                  :FILTER
                  (LAMBDA NIL PROCEEDABLE)
                  : REPORT
                  (LAMBDA (STREAM)
                    (CL:FORMAT STREAM "Change the value of ~A" PLACE))
                  :INTERACTIVE
                  (LAMBDA NIL
                    (CL:FORMAT *QUERY-IO* "Enter a new value to store into ~A: " PLACE)
                    (LIST (CL:EVAL (CL:READ *QUERY-IO*))))
                 V)))
(CL:DEFUN ASSERT-FAIL (STRING &REST ARGS)
(PROCEED-CASE (CL:ERROR 'XCL:ASSERTION-FAILED :FORMAT-STRING STRING :FORMAT-ARGUMENTS ARGS)
          (CONDITIONS:CONTINUE NIL :REPORT "Re-test assertion")))
(CL:DEFUN MAKE-INTO-CONDITION (DATUM DESIRED-TYPE ARGS)
   (CL:ETYPECASE DATUM
       (CONDITION DATUM)
       (CL:SYMBOL (CL:IF (CL:SUBTYPEP DATUM 'CONDITION)
                       (CL:APPLY 'MAKE-CONDITION DATUM ARGS)
(CL:ERROR "~S is not a condition type." DATUM)))
       (STRING (MAKE-CONDITION DESIRED-TYPE :FORMAT-STRING DATUM :FORMAT-ARGUMENTS ARGS))))
(CL:DEFUN RAISE-SIGNAL (CONDITION)
          N (TYPEP CONDITION CONDITIONS: *BREAK-ON-SIGNALS*)
(CL:BREAK "Condition ~S is about to be signalled." CONDITION))
        ((*CONDITION-HANDLER-BINDINGS* *CONDITION-HANDLER-BINDINGS*))
        (CL:FLET ((TRY-TO-HANDLE (CONDITION TYPE-SPEC HANDLER)
                          (CL:MACROLET ((WITHOUT-HANDLERS (&BODY BODY)
                                                 `(LET (*CONDITION-HANDLER-BINDINGS*)
                                                       , @BODY)))
                                  (CL:WHEN (PROCEED-CASE (WITHOUT-HANDLERS (TYPEP CONDITION TYPE-SPEC))
                                                   (PROCEED NIL :REPORT "Skip the bad handler binding" NIL))
                                         (CL:FUNCALL HANDLER CONDITION)))))
                (WHILE *CONDITION-HANDLER-BINDINGS*
                   DO (LET ((BINDING (CL:POP *CONDITION-HANDLER-BINDINGS*))) (IF (EQ (CL:FIRST BINDING)
                                    :MULTIPLE-HANDLER-BINDINGS)
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THEN (CL:POP BINDING)
                                     (WHILE BINDING DO (TRY-TO-HANDLE CONDITION (CL:POP BINDING)
                                                               (CL:POP BINDING)))
                            ELSE (TRY-TO-HANDLE CONDITION (CAR BINDING)
                                          (CDR BINDING))))
                  FINALLY (DEFAULT-HANDLE-CONDITION CONDITION)))
        CONDITION))
(CL:DEFUN DEFAULT-HANDLE-CONDITION (CONDITION)
   (CL:DO ((TYPE (CL:TYPE-OF CONDITION)
                 (CONDITION-PARENT TYPE)))
          ((NULL TYPE))
            ((HANDLER (CONDITION-HANDLER TYPE)))
       (LET
            (CL:WHEN HANDLER (CL:FUNCALL HANDLER CONDITION)))))
(CL:DEFUN DEFAULT-PROCEED-REPORTER (PC STREAM)
   (CL:FORMAT STREAM "Proceed-type: ~A" (PROCEED-CASE-NAME PC)))
(CL:DEFUN CONDITIONS::DEFAULT-RESTART-REPORTER (CONDITIONS:RESTART STREAM)
   (CL:FORMAT STREAM "Restart type: ~A" (CONDITIONS:RESTART-NAME CONDITIONS:RESTART)))
(DEFMACRO DEFAULT-PROCEED-TEST (XCL::PROCEED-TYPE)
   '(GETPROP ,XCL::PROCEED-TYPE '%DEFAULT-PROCEED-TEST))
(CL:DEFUN TEST-PROCEED-CASE (PC &AUX FILTER)
   (COND
      ((CL:SETF FILTER (CONDITIONS::RESTART-TEST PC))
       (CL:FUNCALL FILTER))
      ((CONDITIONS: RESTART-NAME PC
       (CL:IF (CL:SETF FILTER (DEFAULT-PROCEED-TEST (CONDITIONS:RESTART-NAME PC)))
           (CL:FUNCALL FILTER)
                                                                 ; unnamed proceed case with no explicit test
      (T
        T)))
(CL:DEFUN WALK-PROCEED-CASES (PROCEED-CASES PRED)
   (CL:FLET ((CONVERT-PROCEED-CASE (PC BLIP)
                    (CL:IF (NULL (CONDITIONS::RESTART-TAG PC))
                        (LET ((NEW (CONDITIONS::COPY-RESTART PC)))
                             (CL:SETF (CONDITIONS::RESTART-TAG NEW)
                                    BLIP)
                             NEW)
                        PC)))
          (CL:DO ((TAIL PROCEED-CASES (CDR TAIL)))
                 ((NULL TAIL)
                  NIL)
              (CL:MACROLET ((PROCESS-THING (THING BLIP)
                                    (LET ((PC (CONVERT-PROCEED-CASE , THING , BLIP)))
                                         (CL:WHEN (CL:FUNCALL PRED PC)
                                                (CL:RETURN-FROM WALK-PROCEED-CASES PC)))))
                     (LET ((OBJECT (CAR TAIL)))
                          (CL:IF (CL:CONSP OBJECT)
                              (CL:DO ((THINGS OBJECT (CDR THINGS)))
                                     ((NULL THINGS))
                                  (PROCESS-THING (CAR THINGS)
                                         TAIL))
                              (PROCESS-THING OBJECT TAIL)))))))
(CL:DEFUN SI::INVOKE-ACTUAL-RESTART (SI::RESTART SI::ARGUMENTS)
      ((NULL (CONDITIONS::RESTART-FUNCTION SI::RESTART))
       (CL:THROW (CONDITIONS::RESTART-TAG SI::RESTART)
              (CONS (CONDITIONS::RESTART-SELECTOR SI::RESTART)
                    SI::ARGUMENTS)))
      ((EQ (CONDITIONS::RESTART-SELECTOR SI::RESTART)
           'SI::COMPLEX-RESTART-MARKER)
       (CL:APPLY (CONDITIONS::RESTART-FUNCTION SI::RESTART)
              SI::ARGUMENTS))
      (T (CL:ERROR "Malformed restart object ~S." SI::RESTART))))
::: Exported symbols. Anything here that's not in CL should be in XCL.
(CL:DEFVAR CONDITIONS:*BREAK-ON-SIGNALS* NIL)
(CL:DEFVAR *BREAK-ON-WARNINGS* NIL
   "If true, calls to WARN will cause a break as well as logging the warning.")
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(CL:DEFVAR XCL:*CURRENT-CONDITION* NIL
   "The condition currently being signalled")
(CL:DEFUN MAKE-CONDITION (TYPE &REST XCL::SLOT-INITIALIZATIONS)
   "Create a condition object of the specified type." (CL:APPLY (CL::STRUCTURE-CONSTRUCTOR TYPE)
          XCL::SLOT-INITIALIZATIONS))
(CL:DEFUN SIGNAL (XCL::DATUM &REST XCL::ARGS)
         ((XCL:*CURRENT-CONDITION* (MAKE-INTO-CONDITION XCL::DATUM 'SIMPLE-CONDITION XCL::ARGS)))
   (LET
         (RAISE-SIGNAL (CL:SETQ *LAST-CONDITION* XCL:*CURRENT-CONDITION*))
         (CL:RETURN-FROM SIGNAL XCL:*CURRENT-CONDITION*)))
(CL:DEFUN CL:ERROR (CL::DATUM &REST CL::ARGS)
   ;; In Xerox Common Lisp, as with Interlisp, errors may not enter the debugger if they are simple, defined by ENTER-DEBUGGER-P
   (LET ((XCL:*CURRENT-CONDITION* (MAKE-INTO-CONDITION CL::DATUM 'SIMPLE-ERROR CL::ARGS)))
         (RAISE-SIGNAL (CL:SETQ *LAST-CONDITION* XCL:*CURRENT-CONDITION*))
                                                                        ; may just unwind.
         (RESETLST
             (LET ((PRINTMSG T)
                   (ERRORPOS (FIND-DEBUGGER-ENTRY-FRAME 'CL:ERROR)))
(DECLARE (CL:SPECIAL PRINTMSG ERRORPOS))
(RESETSAVE NIL (LIST 'RELSTK ERRORPOS))
                   (COND
                      ((NULL (ENTER-DEBUGGER-P HELPDEPTH ERRORPOS XCL:*CURRENT-CONDITION*))
                       ;; says not to enter debugger
                       (COND
                                                                        ; print message if no break is to occur.
                           (PRINTMSG
                                  (CL:PRINC XCL:*CURRENT-CONDITION* *ERROR-OUTPUT*)))
                        (ERROR!)))
                   (DEBUGGER :CONDITION XCL:*CURRENT-CONDITION* :AT (STKNAME ERRORPOS)))))))
(CL:DEFUN CL:CERROR (CL::PROCEED-FORMAT-STRING CL::DATUM &REST CL::ARGUMENTS)
(LET ((XCL:*CURRENT-CONDITION* (MAKE-INTO-CONDITION CL::DATUM 'SIMPLE-ERROR CL::ARGUMENTS)))
(PROCEED-CASE (CL:ERROR XCL:*CURRENT-CONDITION*)
                 (CONDITIONS:CONTINUE NIL :REPORT (CL:APPLY (FUNCTION CL:FORMAT)
                                                              T CL::PROCEED-FORMAT-STRING CL::ARGUMENTS)
                         (CL:RETURN-FROM CL:CERROR XCL:*CURRENT-CONDITION*)))))
(CL:DEFUN CL:WARN (CL::DATUM & REST CL::ARGUMENTS)
   (LET ((XCL:*CURRENT-CONDITION* (MAKE-INTO-CONDITION CL::DATUM 'SIMPLE-WARNING CL::ARGUMENTS)))
         (CL:UNLESS (TYPEP XCL:*CURRENT-CONDITION* 'WARNING)
        (CL:WHEN *BREAK-ON-WARNINGS* (CL:BREAK "Warning: ~A" XCL:*CURRENT-CONDITION*))

(PROCEED-CASE (PROGN (RAISE-SIGNAL XCL:*CURRENT-CONDITION*))
                                (CL:FORMAT *ERROR-OUTPUT* "~&Warning: ~A~%" XCL:*CURRENT-CONDITION*)
                                NTT.)
                 (CONDITIONS: MUFFLE-WARNING NIL : REPORT "Don't print the warning" NIL))))
(CL:DEFUN CL:BREAK (&OPTIONAL (CL::FORMAT-STRING "Break.")
                                &REST CL::FORMAT-ARGUMENTS)
   ;; Want to try and get some indication of which break you're returning from.
   (PROCEED-CASE (CONDITIONS:INVOKE-DEBUGGER (MAKE-CONDITION 'SIMPLE-CONDITION :FORMAT-STRING
                                                            CL::FORMAT-STRING :FORMAT-ARGUMENTS CL::FORMAT-ARGUMENTS))
           (CONDITIONS:CONTINUE NIL :REPORT "Return from BREAK" (CL:RETURN-FROM CL:BREAK NIL))))
(CL:DEFUN CONDITIONS:INVOKE-DEBUGGER (CONDITION)
   ;; always enter debugger, never return
   (DEBUGGER : CONDITION CONDITION))
(CL:DEFUN CONDITIONS:FIND-RESTART (CONDITIONS::IDENTIFIER)
   (CL:FLET ((CONDITIONS::SAME-RESTART (CONDITIONS::IDENTIFIER CONDITIONS::PROTOTYPE)))
           (CL:ETYPECASE CONDITIONS::IDENTIFIER
               (NULL (CL:ERROR "~S is an invalid argument to ~S;~%
                                                                              use ~S instead" NIL
                              'CONDITIONS:FIND-RESTART
                                                          'CONDITIONS:COMPUTE-RESTARTS))
               (CONDITIONS: RESTART (WALK-PROCEED-CASES *PROCEED-CASES*
                                              #'(CL:LAMBDA (CONDITIONS:RESTART)
                                                        (AND (OR (EQ CONDITIONS::IDENTIFIER CONDITIONS:RESTART)
                                                                   (AND (CONDITIONS::RESTART-TAG CONDITIONS::IDENTIFIER)
                                                                        (EO (CONDITIONS: RESTART-NAME
                                                                                    CONDITIONS::IDENTIFIER)
                                                                             (CONDITIONS: RESTART-NAME CONDITIONS: RESTART)
```

```
(EQ (CONDITIONS::RESTART-TAG
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS::RESTART-TAG CONDITIONS:RESTART)
                                                                 (EQ (CONDITIONS::RESTART-SELECTOR
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS::RESTART-SELECTOR
                                                                            CONDITIONS: RESTART))
                                                                 (EQ (CONDITIONS::RESTART-TEST
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS::RESTART-TEST CONDITIONS:RESTART
                                                                 (EO (CONDITIONS::RESTART-REPORT
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS::RESTART-REPORT
                                                                            CONDITIONS: RESTART))
                                                                 (EO (CONDITIONS::RESTART-INTERACTIVE-FN
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS::RESTART-INTERACTIVE-FN
                                                                            CONDITIONS: RESTART))
                                                                 (EQ (CONDITIONS::RESTART-FUNCTION
                                                                            CONDITIONS::IDENTIFIER)
                                                                     (CONDITIONS:: RESTART-FUNCTION
                                                                            CONDITIONS: RESTART))))
                                                        (TEST-PROCEED-CASE CONDITIONS:RESTART)))))
              (CL:SYMBOL (WALK-PROCEED-CASES *PROCEED-CASES* #'(CL:LAMBDA (CONDITIONS:RESTART)
                                                                         (AND (EQ (CONDITIONS: RESTART-NAME
                                                                                         CONDITIONS: RESTART)
                                                                                  CONDITIONS::IDENTIFIER)
                                                                               (TEST-PROCEED-CASE
                                                                                     CONDITIONS: RESTART))))))))
(CL:DEFUN CONDITIONS:COMPUTE-RESTARTS ()
        ((CONDITIONS::FOUND NIL))
        (WALK-PROCEED-CASES *PROCEED-CASES* #'(CL:LAMBDA (CONDITIONS:RESTART)
                                                        (CL:WHEN (CL:CATCH 'SI::SKIP-PROCEED-CASE
                                                                                                TEST-PROCEED-CASE
                                                                                                CONDITIONS: RESTART
                                                               (CL:PUSH CONDITIONS:RESTART CONDITIONS::FOUND))
                                                        NIL))
        (CL:NREVERSE CONDITIONS::FOUND)))
(CL:DEFUN CONDITIONS:INVOKE-RESTART (CONDITIONS:RESTART &REST CONDITIONS::ARGUMENTS)
   (LET ((CONDITIONS::R (CONDITIONS:FIND-RESTART CONDITIONS:RESTART)))
            if (NULL CONDITIONS::R)
(CL:ERROR 'XCL:BAD-PROCEED-CASE :NAME CONDITIONS:RESTART)
        (CL:IF
            (SI::INVOKE-ACTUAL-RESTART CONDITIONS::R CONDITIONS::ARGUMENTS))))
(CL:DEFUN CONDITIONS:INVOKE-RESTART-INTERACTIVELY (CONDITIONS:RESTART)
   (LET ((CONDITIONS::R (CONDITIONS:FIND-RESTART CONDITIONS:RESTART)))
              (NULL CONDITIONS::R)
        (CL: TF
            (CL:ERROR 'XCL:BAD-PROCEED-CASE : NAME CONDITIONS:RESTART)
                 ((CONDITIONS::I-FN (CONDITIONS::RESTART-INTERACTIVE-FN CONDITIONS:RESTART)))
                 (SI::INVOKE-ACTUAL-RESTART CONDITIONS::R (CL:IF CONDITIONS::I-FN (CL:FUNCALL CONDITIONS::I-FN))
                        )))))
(PUTPROPS ERROR-RUNTIME FILETYPE CL:COMPILE-FILE)
(PUTPROPS ERROR-RUNTIME COPYRIGHT ("Venue & Xerox Corporation" 1986 1987 1988 1990))
```

{MEDLEY}<sources>ERROR-RUNTIME.;1 28-Jun-2024 18:34:03

-- Listed on 30-Jun-2024 13:15:44 --

FUNCTION INDEX %PRINT-CONDITION1 CL:ERROR4 CONDITIONS::%RESTART-DEFAULT-REPORTER1 CONDITIONS::%RESTART-PRINTER1 ASSERT-FAIL2 CONDITIONS: INVOKE-DEBUGGER4 CL:BREAK4 CONDITIONS:INVOKE-RESTART5 CONDITIONS: INVOKE-RESTART-INTERACTIVELY5 CL:CERROR4 CHECK-TYPE-FAIL2 MAKE-CONDITION4 CONDITIONS:COMPUTE-RESTARTS5 MAKE-INTO-CONDITION2 SI::CONDITION-CASE-ERROR1 RAISE-SIGNAL2 REPORT-CONDITION1 CONDITION-PARENT2 SIGNAL 4 TEST-PROCEED-CASE 3 WALK-PROCEED-CASES 3 CL:WARN4 **VARIABLE INDEX** CONDITIONS:*BREAK-ON-SIGNALS*3 *CONDITION-HANDLER-BINDINGS*2 *PROCEED-CASES*2 XCL:*CURRENT-CONDITION*4 **MACRO INDEX** CONDITION-HANDLER1 CONDITION-REPORTER1 DEFAULT-PROCEED-TEST3 **PROPERTY INDEX**

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