

File created: 6-Apr-92 19:39:50 {DSK}<usr>local>lde>lispcore>sources>CONDITION-PACKAGE.;9

changes to: (IL:VARS IL:CONDITION-PACKAGECOMS)  
(IL:VARIABLES \*FUTURE-CITIZENS-OF-CONDITIONS\*)

previous date: 17-Mar-92 18:47:01 {DSK}<usr>local>lde>lispcore>sources>CONDITION-PACKAGE.;8

Read Table: INTERLISP

Package: CONDITIONS

Format: XCCS

(IL:\* IL:\* ;"  
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")

(IL:RPAQQ **IL:CONDITION-PACKAGECOMS**

```
( (IL:FUNCTIONS CL::NATURALIZE CL::REHOME-SYMBOL DEFECT-FROM-XCL-TO-CONDITIONS)
  (IL:VARIABLES *FUTURE-CITIZENS-OF-CONDITIONS*)
  (IL:DECLARE%: IL:DONTEVAL@LOAD IL:DOCOPY
    (IL:P (DEFPACKAGE "CONDITIONS" (:USE "COMMON-LISP")
      (:EXPORT "*BREAK-ON-SIGNALS*" "COMPUTE-RESTARTS" "CONTINUE" "DIVISION-BY-ZERO"
        "FILE-ERROR" "FILE-ERROR-PATHNAME" "FIND-RESTART"
        "FLOATING-POINT-INEXACT" "FLOATING-POINT-INVALID-OPERATION"
        "FLOATING-POINT-OVERFLOW" "FLOATING-POINT-UNDERFLOW" "HANDLER-CASE"
        "INVOKE-DEBUGGER" "INVOKE-RESTART" "INVOKE-RESTART-INTERACTIVELY"
        "MUFFLE-WARNING" "PARSE-ERROR" "PROGRAM-ERROR" "READER-ERROR" "RESTART"
        "RESTART-BIND" "RESTART-CASE" "RESTART-NAME" "STYLE-WARNING"
        "TYPE-ERROR-DATUM" "UNBOUND-SLOT" "WITH-SIMPLE-RESTART"
        "WITH-CONDITION-RESTARTS")))
    (MAPC #'DEFECT-FROM-XCL-TO-CONDITIONS *FUTURE-CITIZENS-OF-CONDITIONS*))
  (IL:PROP (IL:FILETYPE IL:MAKEFILE-ENVIRONMENT)
    (IL:CONDITION-PACKAGE)))
```

(DEFUN **CL::NATURALIZE** (CL::NAME CL::SOURCE CL::DESTINATION) ; Edited 17-Mar-92 18:45 by jrb:

;; Make a symbol, possibly in source, be in source and citizen and export of destination. Don't move it if it's currently in COMMON-LISP

```
(CHECK-TYPE CL::NAME STRING)
(CHECK-TYPE CL::SOURCE PACKAGE)
(CHECK-TYPE CL::DESTINATION PACKAGE)
(MULTIPLE-VALUE-BIND (CL::CLSYMBOL CL::CLWHERE)
  (FIND-SYMBOL CL::NAME IL:*COMMON-LISP-PACKAGE*))
(IF CL::CLSYMBOL
  (PROGN (IMPORT CL::CLSYMBOL CL::SOURCE)
    (IMPORT CL::CLSYMBOL CL::DESTINATION)
    (EXPORT CL::CLSYMBOL CL::DESTINATION))
  (MULTIPLE-VALUE-BIND (CL::SSYMBOL CL::SWHERE)
    (FIND-SYMBOL CL::NAME CL::SOURCE)
    (MULTIPLE-VALUE-BIND (CL::DSYMBOL CL::DWHERE)
      (FIND-SYMBOL CL::NAME CL::DESTINATION)
      [COND
        ((AND CL::SWHERE CL::DWHERE (NOT (EQ CL::SSYMBOL CL::DSYMBOL)))
          (ERROR "Can't naturalize ~s because name exists in ~s and ~s" CL::NAME (PACKAGE-NAME CL::SOURCE)
            )
          (PACKAGE-NAME CL::DESTINATION)))
        (CL::SWHERE (IMPORT CL::SSYMBOL CL::DESTINATION)
          (EXPORT CL::SSYMBOL CL::DESTINATION)
          (CL::REHOME-SYMBOL CL::SSYMBOL CL::DESTINATION))
        (CL::DWHERE (IMPORT CL::DSYMBOL CL::SOURCE)
          (CL::REHOME-SYMBOL CL::DSYMBOL CL::DESTINATION))
        (T (LET ((SYMBOL (INTERN CL::NAME CL::DESTINATION)))
            (IMPORT SYMBOL CL::SOURCE)
            (EXPORT SYMBOL CL::DESTINATION))))))
  T)
```

(DEFUN **CL::REHOME-SYMBOL** (CL::S CL::NEW-HOME) ; Edited 17-Mar-92 15:35 by jrb:

;; This must be done carefully if the symbol currently names a type; the type-variable must be shared between the old and new packages

```
(WHEN (CL::PARSED-STRUCTURE CL::S T)
  (LET ((CL::TV (IL:TYPE-VARIABLE-FROM-TYPE-NAME CL::S)))
    (IMPORT CL::TV CL::NEW-HOME)
    (SETF (SYMBOL-PACKAGE CL::TV)
      CL::NEW-HOME)))
(IMPORT CL::S CL::NEW-HOME)
(EXPORT CL::S CL::NEW-HOME)
(SETF (SYMBOL-PACKAGE CL::S)
  CL::NEW-HOME))
```

(DEFUN **DEFECT-FROM-XCL-TO-CONDITIONS** (NAME)

```
(CL::NATURALIZE NAME (FIND-PACKAGE "XCL")
  (FIND-PACKAGE "CONDITIONS")))
```

(XCL:DEFGLOBALPARAMETER \*FUTURE-CITIZENS-OF-CONDITIONS\*

' ("ABORT" "ARITHMETIC-ERROR" "ARITHMETIC-ERROR-OPERANDS" "ARITHMETIC-ERROR-OPERATION" "CELL-ERROR"
"CELL-ERROR-NAME" "CONDITION" "CONTROL-ERROR" "DEFINE-CONDITION" "END-OF-FILE" "HANDLER-BIND"
"HANDLER-CASE" "IGNORE-ERRORS" "MAKE-CONDITION" "SERIOUS-CONDITION" "SIGNAL" "SIMPLE-CONDITION"
"SIMPLE-CONDITION-FORMAT-ARGUMENTS" "SIMPLE-CONDITION-FORMAT-STRING" "SIMPLE-ERROR"
"SIMPLE-TYPE-ERROR" "SIMPLE-WARNING" "STORAGE-CONDITION" "STORE-VALUE" "STREAM-ERROR"
"STREAM-ERROR-STREAM" "TYPE-ERROR" "TYPE-ERROR-EXPECTED-TYPE" "UNBOUND-VARIABLE"
"UNDEFINED-FUNCTION" "USE-VALUE" "WARNING")

"Current citizens of XCL that should be in CONDITIONS: do not change this list!!!")

(IL:DECLARE%: IL:DONTEVAL@LOAD IL:DOCOPY

(DEFPACKAGE "CONDITIONS" (:USE "COMMON-LISP")

(:EXPORT "\*BREAK-ON-SIGNALS\*" "COMPUTE-RESTARTS" "CONTINUE" "DIVISION-BY-ZERO" "FILE-ERROR"
"FILE-ERROR-PATHNAME" "FIND-RESTART" "FLOATING-POINT-INEXACT" "FLOATING-POINT-INVALID-OPERATION"
"FLOATING-POINT-OVERFLOW" "FLOATING-POINT-UNDERFLOW" "HANDLER-CASE" "INVOKE-DEBUGGER"
"INVOKE-RESTART" "INVOKE-RESTART-INTERACTIVELY" "MUFFLE-WARNING" "PARSE-ERROR" "PROGRAM-ERROR"
"READER-ERROR" "RESTART" "RESTART-BIND" "RESTART-CASE" "RESTART-NAME" "STYLE-WARNING"
"TYPE-ERROR-DATUM" "UNBOUND-SLOT" "WITH-SIMPLE-RESTART" "WITH-CONDITION-RESTARTS"))

(MAPC #'DEFECT-FROM-XCL-TO-CONDITIONS \*FUTURE-CITIZENS-OF-CONDITIONS\*)

)

(IL:PUTPROPS IL:CONDITION-PACKAGE IL:FILETYPE IL:COMPILE-FILE)

(IL:PUTPROPS IL:CONDITION-PACKAGE IL:MAKEFILE-ENVIRONMENT (:READTABLE "INTERLISP" :PACKAGE (DEFPACKAGE
"CONDITIONS"
(:USE
"COMMON-LISP"
))))

(IL:PUTPROPS IL:CONDITION-PACKAGE IL:COPYRIGHT ("Venue & Xerox Corporation" 1987 1988 1990 1990 1992))

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**FUNCTION INDEX**

DEFECT-FROM-XCL-TO-CONDITIONS ....1 CL::NATURALIZE .....1 CL::REHOME-SYMBOL .....1

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**PROPERTY INDEX**

IL:CONDITION-PACKAGE .....2

---

**VARIABLE INDEX**

\*FUTURE-CITIZENS-OF-CONDITIONS\* ..2

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