

File created: 16-May-90 15:08:25 {DSK}<usr>local>lde>lispcore>sources>CONDITION-PACKAGE.;

changes to: (IL:VARS IL:CONDITION-PACKAGECOMS)

previous date: 31-Dec-00 16:49:37 {DSK}<usr>local>lde>lispcore>sources>CONDITION-PACKAGE.;

Read Table: INTERLISP

Package: CONDITIONS

Format: XCCS

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

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

```
( (IL:FUNCTIONS CL::NATURALIZE DEFECT-FROM-XCL-TO-CONDITIONS)
  (IL:VARIABLES *FUTURE-CITIZENS-OF-CONDITIONS*)
  (IL:DECLARE%: IL:DONTEVAL@LOAD IL:DOCOPY
    (IL:P (XCL:DEFPACKAGE "CONDITIONS"
      (:EXPORT *BREAK-ON-SIGNALS* HANDLER-CASE WITH-SIMPLE-RESTART RESTART-CASE
        RESTART-BIND COMPUTE-RESTARTS RESTART-NAME FIND-RESTART INVOKE-RESTART
        INVOKE-RESTART-INTERACTIVELY CONTINUE MUFFLE-WARNING INVOKE-DEBUGGER
        RESTART TYPE-ERROR-DATUM PROGRAM-ERROR FILE-ERROR FILE-ERROR-PATHNAME
        DIVISION-BY-ZERO FLOATING-POINT-OVERFLOW FLOATING-POINT-UNDERFLOW))
      (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)

```
"Make a symbol, possibly in source, be in source and citizen and export of destination."
(CHECK-TYPE CL::NAME STRING)
(CHECK-TYPE CL::SOURCE PACKAGE)
(CHECK-TYPE CL::DESTINATION PACKAGE)
(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)
    (SETF (SYMBOL-PACKAGE CL::SSYMBOL)
      CL::DESTINATION))
  (CL::DWHERE (IMPORT CL::DSYMBOL CL::SOURCE)
    (EXPORT CL::DSYMBOL CL::DESTINATION)
    (SETF (SYMBOL-PACKAGE CL::DSYMBOL)
      CL::DESTINATION))
  (T (LET ((SYMBOL (INTERN CL::NAME CL::DESTINATION)))
    (IMPORT SYMBOL CL::SOURCE)
    (EXPORT SYMBOL CL::DESTINATION)))
  )
```

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

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

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

```
' ("SIGNAL" "IGNORE-ERRORS" "HANDLER-BIND" "DEFINE-CONDITION" "MAKE-CONDITION" "ABORT" "STORE-VALUE"
  "USE-VALUE" "CONDITION" "WARNING" "SERIOUS-CONDITION" "SIMPLE-CONDITION" "SIMPLE-WARNING"
  "SIMPLE-ERROR" "SIMPLE-CONDITION-FORMAT-STRING" "SIMPLE-CONDITION-FORMAT-ARGUMENTS"
  "STORAGE-CONDITION" "CONTROL-ERROR" "STREAM-ERROR" "STREAM-ERROR-STREAM" "END-OF-FILE" "CELL-ERROR"
  "CELL-ERROR-NAME" "UNBOUND-VARIABLE" "UNDEFINED-FUNCTION" "ARITHMETIC-ERROR"
  "ARITHMETIC-ERROR-OPERATION" "ARITHMETIC-ERROR-OPERANDS" "SIMPLE-TYPE-ERROR" "TYPE-ERROR"
  "TYPE-ERROR-EXPECTED-TYPE")
"Current citizens of XCL that should be in CONDITIONS: do not change this list!!!")
```

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

(XCL:DEFPACKAGE "CONDITIONS"

```
(:EXPORT *BREAK-ON-SIGNALS* HANDLER-CASE WITH-SIMPLE-RESTART RESTART-CASE RESTART-BIND COMPUTE-RESTARTS
  RESTART-NAME FIND-RESTART INVOKE-RESTART INVOKE-RESTART-INTERACTIVELY CONTINUE MUFFLE-WARNING
  INVOKE-DEBUGGER RESTART TYPE-ERROR-DATUM PROGRAM-ERROR FILE-ERROR FILE-ERROR-PATHNAME
  DIVISION-BY-ZERO FLOATING-POINT-OVERFLOW FLOATING-POINT-UNDERFLOW))
```

(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 (XCL:DEFPACKAGE

{MEDLEY}<sources>CONDITION-PACKAGE.;1 (IL:CONDITION-PACKAGE cont.)

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"CONDITIONS"))

(IL:PUTPROPS IL:CONDITION-PACKAGE IL:COPYRIGHT ("Venue & Xerox Corporation" 1987 1988 1900 1990))

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**FUNCTION INDEX**

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**PROPERTY INDEX**

IL:CONDITION-PACKAGE .....1

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**VARIABLE INDEX**

\*FUTURE-CITIZENS-OF-CONDITIONS\* .....1

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