

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:* ; "  
Copyright (c) 1987, 1988, 1990, 1990, 1992 by Venue & Xerox Corporation. All rights reserved.  
")
```

```
(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  
CL::SWHERE (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 1900 1990 1992))
```

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