

File created: 16-May-90 15:04:10 {DSK}<usr>local>lde>lispcore>sources>CONDITION-HIERARCHY-IL.;2

changes to: (VARS CONDITION-HIERARCHY-ILCOMS)

previous date: 11-Jan-88 19:02:09 {DSK}<usr>local>lde>lispcore>sources>CONDITION-HIERARCHY-IL.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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```
(RPAQQ CONDITION-HIERARCHY-ILCOMS ((STRUCTURES INTERLISP-ERROR DEFINER-MISMATCH NO-SUCH-DEFINITION
STACK-POINTER-RELEASED UNDEFINED-FUNCTION-IN-APPLY INDEX-BOUNDS-ERROR
UNDEFINED-CAR-OF-FORM ILLEGAL-STACK-ARG)
```

;; Should be in XCL

```
(STRUCTURES CALL-ERROR TOO-MANY-ARGUMENTS TOO-FEW-ARGUMENTS
INVALID-ARGUMENT-LIST)
(PROP FILETYPE CONDITION-HIERARCHY-IL)))
```

```
(DEFINE-CONDITION INTERLISP-ERROR (CL:ERROR)
(MESSAGE)
(:REPORT (LAMBDA (CONDITION *STANDARD-OUTPUT*)
(DESTUCTURING-BIND (MESS1 . MESS2)
(INTERLISP-ERROR-MESSAGE CONDITION)
(ERRORMESS1 MESS1 MESS2 'ERROR))))))
```

```
(DEFINE-CONDITION DEFINER-MISMATCH (CONDITION)
(NAME TYPE DEFINITION)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(CL:FORMAT T "Definition ~S isn't a ~A definition for ~S." (DEFINER-MISMATCH-DEFINITION
CONDITION)
(DEFINER-MISMATCH-TYPE CONDITION)
(DEFINER-MISMATCH-NAME CONDITION))))))
```

```
(DEFINE-CONDITION NO-SUCH-DEFINITION (CL:ERROR)
(NAME TYPE)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(CL:FORMAT T "No ~A definition for ~S." (NO-SUCH-DEFINITION-TYPE CONDITION)
(NO-SUCH-DEFINITION-NAME CONDITION))))))
```

```
(DEFINE-CONDITION STACK-POINTER-RELEASED (CELL-ERROR)
NIL
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(CL:FORMAT T "Stack ptr has been released~&~S" NAME))))
```

```
(DEFINE-CONDITION UNDEFINED-FUNCTION-IN-APPLY (UNDEFINED-FUNCTION)
(ARGUMENTS))
```

```
(DEFINE-CONDITION INDEX-BOUNDS-ERROR (CELL-ERROR)
(INDEX)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(CL:FORMAT T "Index out of bounds: ~D." (INDEX-BOUNDS-ERROR-INDEX CONDITION))))))
```

```
(DEFINE-CONDITION UNDEFINED-CAR-OF-FORM (CONTROL-ERROR)
(FUNCTION))
```

```
(DEFINE-CONDITION ILLEGAL-STACK-ARG (CONTROL-ERROR)
(ARG)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(CL:FORMAT T "Illegal stack arg: ~S" (ILLEGAL-STACK-ARG-ARG CONDITION))))))
```

;; Should be in XCL

```
(DEFINE-CONDITION CALL-ERROR (CONTROL-ERROR)
(CALLEE))
```

```
(DEFINE-CONDITION TOO-MANY-ARGUMENTS (CALL-ERROR)
(MAXIMUM ACTUAL)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
(COND
((AND (TOO-MANY-ARGUMENTS-MAXIMUM CONDITION)
(TOO-MANY-ARGUMENTS-ACTUAL CONDITION))
(CL:FORMAT T "Too many arguments to ~A:~% ~D ~:*~[were~;was~;were~] given but at most
```

```
~D ~:*~[are~;is~::~;are~] accepted" (TOO-MANY-ARGUMENTS-CALLEE CONDITION)
(TOO-MANY-ARGUMENTS-ACTUAL CONDITION)
(TOO-MANY-ARGUMENTS-MAXIMUM CONDITION)))
((TOO-MANY-ARGUMENTS-CALLEE CONDITION)
 (CL:FORMAT T "Too many arguments to ~A" (TOO-MANY-ARGUMENTS-CALLEE CONDITION)))
(T (CL:PRINC "Too many arguments"))))
```

```
(DEFINE-CONDITION TOO-FEW-ARGUMENTS (CALL-ERROR)
(MINIMUM ACTUAL)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
 (CL:IF (AND (TOO-FEW-ARGUMENTS-MINIMUM CONDITION)
 (TOO-FEW-ARGUMENTS-ACTUAL CONDITION))
 (CL:FORMAT T "Too few arguments to ~A:~% ~D ~:*~[were~;was~::~;were~] given but at least
 ~D ~:*~[are~;is~::~;are~] necessary" (TOO-FEW-ARGUMENTS-CALLEE CONDITION)
 (TOO-FEW-ARGUMENTS-ACTUAL CONDITION)
 (TOO-FEW-ARGUMENTS-MINIMUM CONDITION))
 (CL:FORMAT T "Too few arguments to ~A" (TOO-FEW-ARGUMENTS-CALLEE CONDITION))))))
```

```
(DEFINE-CONDITION INVALID-ARGUMENT-LIST (CALL-ERROR)
(ARGUMENT)
(:REPORT (CL:LAMBDA (CONDITION *STANDARD-OUTPUT*)
 (COND
 ((NULL (INVALID-ARGUMENT-LIST-CALLEE CONDITION))
 (CL:FORMAT T "Invalid argument: ~S" (INVALID-ARGUMENT-LIST-ARGUMENT CONDITION)))
 (T (CL:FORMAT T "~S was given an invalid argument: ~S" (INVALID-ARGUMENT-LIST-CALLEE
 CONDITION)
 (INVALID-ARGUMENT-LIST-ARGUMENT CONDITION))))))
```

```
(PUTPROPS CONDITION-HIERARCHY-IL FILETYPE CL:COMPILE-FILE)
```

```
(PUTPROPS CONDITION-HIERARCHY-IL COPYRIGHT ("Venue & Xerox Corporation" 1986 1987 1988 1990))
```

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